

S01_01 (S031356): Life Science / Knowing
Label: Which animal is a predator - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	92.8	3.0	92.8	0.9	0.7	1.6	1.0	92.4	93.4
Australia	880	86.5	4.6	86.5	6.5	2.0	0.3	0.1	84.0	89.0
Austria	674	95.7	2.3	95.7	0.3	0.5	1.1	0.1	95.8	95.6
Azerbaijan	698	94.8	0.2	94.8	1.7	1.1	2.0	0.3	96.6	93.3
Bahrain	583	83.1	7.1	83.1	6.7	2.8	0.1	0.2	87.1	78.9
Belgium (Flemish)	689	94.9	3.7	94.9	0.5	0.2	0.7	0.0	92.6	97.4
Chile	794	88.9	5.4	88.9	1.9	3.1	0.5	0.1	86.2	92.0
Chinese Taipei	611	83.1	6.3	83.1	3.8	6.6	0.2	0.0	78.5	87.3
Croatia	668	95.8	3.0	95.8	0.2	0.7	0.3	0.0	94.2	97.4
Czech Republic	651	95.7	1.6	95.7	0.2	1.9	0.7	0.0	95.3	96.1
Denmark	578	90.2	7.0	90.2	0.5	0.0	2.1	0.2	89.8	90.7
England	485	86.6	5.6	86.6	6.0	1.3	0.4	0.0	83.6	89.3
Finland	673	98.4	0.5	98.4	0.4	0.3	0.4	0.0	97.9	99.0
Georgia	673	95.2	2.1	95.2	1.5	0.3	0.7	0.2	95.0	95.4
Germany	565	93.9	3.4	93.9	0.7	0.7	0.8	0.5	92.6	95.3
Hong Kong SAR	555	90.4	3.7	90.4	3.0	2.9	0.0	0.0	88.1	92.3
Hungary	741	95.4	2.8	95.4	0.7	0.3	0.2	0.5	94.4	96.6
Iran, Islamic Rep. of	822	92.6	3.8	92.6	1.8	0.5	0.6	0.7	91.1	94.1
Ireland	648	85.6	5.0	85.6	8.0	1.4	0.0	0.0	82.9	88.3
Italy	597	95.7	3.1	95.7	0.2	0.5	0.5	0.0	94.4	97.2
Japan	626	82.7	6.5	82.7	6.2	3.9	0.7	0.0	85.4	80.1
Kazakhstan	625	96.4	1.8	96.4	1.2	0.4	0.2	0.0	96.9	95.9
Korea, Rep. of	619	99.1	0.2	99.1	0.3	0.4	0.0	0.0	98.4	99.7
Kuwait	577	74.2	12.1	74.2	6.0	4.7	2.8	0.3	78.0	70.0
Lithuania	670	97.1	1.5	97.1	0.1	1.0	0.3	0.0	96.1	98.0
Malta	517	57.8	20.9	57.8	14.5	6.3	0.4	0.0	49.5	65.5
Morocco	1018	61.8	14.5	61.8	12.5	9.3	1.8	0.2	62.4	61.2
Netherlands	459	98.2	0.7	98.2	0.2	0.2	0.2	0.5	97.7	98.6
New Zealand	786	85.6	7.3	85.6	5.3	1.5	0.3	0.0	81.9	89.0
Northern Ireland	505	90.7	4.8	90.7	3.4	0.9	0.2	0.0	91.0	90.3
Norway	463	88.3	8.4	88.3	0.3	0.5	2.5	0.0	86.8	90.1
Oman	1476	73.2	13.9	73.2	6.9	4.4	1.2	0.3	74.6	71.8
Poland	716	97.3	1.2	97.3	0.6	0.1	0.7	0.1	97.2	97.5
Portugal	573	88.3	6.7	88.3	2.9	0.9	1.1	0.0	85.9	90.9
Qatar	590	60.9	16.8	60.9	13.3	7.4	1.2	0.4	63.0	59.0
Romania	665	89.4	2.9	89.4	2.9	0.8	3.2	0.7	87.3	91.4
Russian Federation	630	97.8	1.0	97.8	0.3	0.1	0.8	0.0	97.9	97.7
Saudi Arabia	661	82.6	8.6	82.6	4.2	3.4	0.7	0.4	87.7	77.0
Serbia	630	91.6	4.0	91.6	1.6	1.3	0.9	0.5	90.2	93.0
Singapore	906	88.4	5.4	88.4	3.3	2.9	0.0	0.0	88.1	88.7
Slovak Republic	817	93.5	4.8	93.5	0.3	0.5	0.8	0.1	93.0	94.0
Slovenia	642	90.9	5.5	90.9	1.4	1.5	0.4	0.3	91.6	90.4
Spain	594	92.4	4.2	92.4	1.3	0.5	1.6	0.0	91.1	93.7
Sweden	666	89.3	9.4	89.3	0.2	0.3	0.8	0.0	87.6	90.9
Thailand	631	90.5	3.8	90.5	3.9	1.5	0.2	0.0	92.1	88.8
Tunisia	694	81.1	3.6	81.1	4.6	4.4	4.0	2.3	85.0	77.3
Turkey	1058	86.3	8.9	86.3	1.3	2.5	1.0	0.0	84.4	87.9
United Arab Emirates	2097	73.7	11.2	73.7	9.0	4.6	1.5	0.0	74.9	72.5
United States	1790	90.5	3.8	90.5	3.7	1.5	0.5	0.1	88.4	92.6
Yemen	1122	54.3	15.3	54.3	13.3	9.5	6.4	1.2	55.1	53.8
International Avg. (50)	37148	87.6	5.7	87.6	3.4	2.1	1.0	0.2	87.0	88.1
Botswana (6)	596	54.3	19.9	54.3	20.0	5.6	0.1	0.0	51.6	57.4
Honduras (6)	557	89.3	4.7	89.3	3.3	0.5	0.9	1.2	88.3	90.5
Yemen (6)	705	69.9	14.6	69.9	9.1	4.7	1.5	0.2	72.8	67.9
Alberta, Canada	527	91.5	2.3	91.5	3.0	2.4	0.4	0.4	89.7	93.5
Ontario, Canada	654	87.5	5.2	87.5	3.3	1.9	1.3	0.9	84.7	90.1
Quebec, Canada	597	93.5	4.0	93.5	0.8	0.7	1.0	0.0	93.6	93.4
Abu Dhabi, UAE	586	75.0	11.3	75.0	8.1	4.3	1.3	0.0	77.3	72.7
Dubai, UAE	887	70.2	9.5	70.2	12.5	5.5	2.2	0.2	69.7	70.5
Florida, US	377	92.7	4.6	92.7	1.5	0.7	0.5	0.0	91.1	94.4
North Carolina, US	261	89.3	4.6	89.3	4.4	1.3	0.3	0.0	85.1	93.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_02 (S031291): Life Science / Applying
Label: What walrus has to keep it warm - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	70.9	70.9	5.1	6.6	13.1	3.3	1.0	72.2	70.0
Australia	880	89.6	89.6	3.1	3.1	3.6	0.5	0.1	90.1	89.1
Austria	674	94.4	94.4	1.0	2.0	2.3	0.2	0.1	94.7	94.1
Azerbaijan	698	86.9	86.9	5.0	2.3	3.4	2.1	0.3	88.7	85.4
Bahrain	583	69.8	69.8	7.8	10.5	11.5	0.1	0.2	73.0	66.6
Belgium (Flemish)	689	86.8	86.8	1.0	4.2	7.7	0.2	0.0	85.2	88.7
Chile	794	92.6	92.6	2.3	1.2	3.0	0.7	0.1	91.1	94.3
Chinese Taipei	611	85.3	85.3	2.7	3.5	8.2	0.4	0.0	83.8	86.7
Croatia	668	88.2	88.2	3.6	1.5	6.3	0.3	0.0	86.6	89.8
Czech Republic	651	95.1	95.1	1.6	0.5	2.2	0.6	0.0	94.5	95.8
Denmark	578	91.9	91.9	0.9	0.9	4.1	1.7	0.5	92.6	91.2
England	485	89.5	89.5	3.2	2.1	4.9	0.3	0.0	91.8	87.5
Finland	673	98.4	98.4	0.2	0.3	0.8	0.4	0.0	98.4	98.3
Georgia	673	87.5	87.5	3.3	3.1	4.7	1.2	0.2	85.0	90.1
Germany	565	94.3	94.3	0.9	2.1	1.5	0.7	0.5	94.9	93.7
Hong Kong SAR	555	88.9	88.9	1.9	3.4	5.6	0.2	0.0	87.7	90.0
Hungary	741	90.8	90.8	3.0	1.8	3.4	0.5	0.5	88.9	92.9
Iran, Islamic Rep. of	822	72.3	72.3	4.6	5.1	16.4	1.0	0.7	72.2	72.3
Ireland	648	88.5	88.5	4.6	2.8	3.8	0.3	0.0	89.0	87.9
Italy	597	94.6	94.6	1.1	1.3	2.7	0.3	0.0	94.7	94.6
Japan	626	84.7	84.7	3.4	4.0	7.6	0.3	0.0	82.8	86.6
Kazakhstan	625	85.9	85.9	3.8	2.9	7.3	0.1	0.0	84.2	87.5
Korea, Rep. of	619	89.7	89.7	0.9	4.9	4.5	0.0	0.0	87.2	92.0
Kuwait	577	44.0	44.0	11.3	22.2	17.1	5.0	0.3	49.0	38.4
Lithuania	670	93.5	93.5	1.4	0.3	4.4	0.5	0.0	94.1	92.9
Malta	517	69.8	69.8	8.0	9.2	12.2	0.8	0.0	65.0	74.3
Morocco	1008	26.9	26.9	29.6	15.1	24.7	3.4	0.2	26.0	27.8
Netherlands	459	93.5	93.5	0.7	1.9	3.5	0.0	0.5	93.4	93.5
New Zealand	786	88.0	88.0	3.0	3.7	4.8	0.6	0.0	86.3	89.5
Northern Ireland	505	91.5	91.5	2.4	1.7	4.2	0.1	0.0	92.2	90.7
Norway	463	79.3	79.3	2.8	9.8	5.8	2.4	0.0	79.9	78.6
Oman	1476	44.3	44.3	12.1	22.8	18.4	2.0	0.4	47.7	40.9
Poland	716	92.2	92.2	2.3	1.0	4.0	0.5	0.1	92.7	91.7
Portugal	573	87.2	87.2	1.7	1.8	8.4	0.9	0.0	89.3	85.0
Qatar	590	57.8	57.8	12.0	12.4	15.8	1.6	0.4	57.3	58.3
Romania	665	83.0	83.0	4.1	3.2	4.9	4.2	0.7	79.1	86.5
Russian Federation	630	96.6	96.6	1.3	0.8	0.8	0.6	0.0	96.7	96.5
Saudi Arabia	661	58.7	58.7	11.8	13.7	14.6	0.8	0.4	66.5	50.3
Serbia	630	86.0	86.0	2.7	0.9	9.1	0.7	0.6	82.9	89.3
Singapore	906	85.6	85.6	6.9	4.2	3.4	0.0	0.0	86.7	84.4
Slovak Republic	817	89.8	89.8	2.1	3.5	3.7	0.8	0.1	87.7	91.9
Slovenia	640	83.8	83.8	4.9	2.0	8.4	0.7	0.3	80.1	86.9
Spain	594	90.3	90.3	1.4	3.4	3.6	1.3	0.0	90.8	89.8
Sweden	666	93.8	93.8	0.9	2.4	2.3	0.6	0.0	93.9	93.8
Thailand	631	80.0	80.0	7.0	5.2	7.4	0.4	0.0	79.0	81.0
Tunisia	686	46.6	46.6	10.9	13.2	21.9	5.1	2.3	48.0	45.1
Turkey	1058	70.3	70.3	7.5	5.0	15.9	1.3	0.0	68.0	72.4
United Arab Emirates	2097	62.7	62.7	9.9	10.7	15.6	1.1	0.1	67.0	58.4
United States	1790	91.1	91.1	3.5	2.4	2.4	0.5	0.1	91.1	91.2
Yemen	1124	24.7	24.7	27.5	24.9	16.5	5.3	1.2	26.8	23.3
International Avg. (50)	37130	80.6	80.6	5.1	5.3	7.7	1.1	0.2	80.5	80.5
Botswana (6)	596	45.0	45.0	16.1	19.0	19.6	0.3	0.0	43.7	46.6
Honduras (6)	557	65.4	65.4	6.6	4.3	21.4	1.1	1.3	61.5	69.6
Yemen (6)	705	41.8	41.8	22.2	14.2	20.2	1.3	0.3	43.9	40.3
Alberta, Canada	527	91.8	91.8	3.2	1.2	3.0	0.4	0.4	90.7	92.9
Ontario, Canada	654	90.2	90.2	2.9	2.9	2.5	0.7	0.9	89.8	90.5
Quebec, Canada	597	93.8	93.8	1.2	2.2	2.0	0.8	0.0	95.0	92.4
Abu Dhabi, UAE	586	59.5	59.5	10.9	11.1	17.7	0.8	0.0	65.7	53.3
Dubai, UAE	887	70.3	70.3	9.5	7.9	10.9	1.1	0.3	72.8	68.1
Florida, US	377	93.6	93.6	2.9	1.8	1.2	0.5	0.0	95.8	91.3
North Carolina, US	261	93.4	93.4	3.2	0.9	2.2	0.3	0.0	91.9	94.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_03 (S031230): Life Science / Applying
Label: Birds/bats/butterflies share - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	83.1	4.9	1.3	5.9	83.1	2.9	1.9	86.0	80.3
Australia	880	91.8	1.8	2.2	3.8	91.8	0.3	0.1	94.7	89.0
Austria	674	94.4	1.2	0.8	3.2	94.4	0.3	0.1	95.8	93.1
Azerbaijan	698	74.6	8.8	4.8	8.8	74.6	2.7	0.3	76.2	73.3
Bahrain	583	74.9	9.5	4.1	10.4	74.9	0.8	0.2	79.6	70.2
Belgium (Flemish)	689	88.1	2.8	1.5	6.4	88.1	1.1	0.0	89.0	87.1
Chile	794	83.9	3.0	2.5	10.0	83.9	0.3	0.3	85.9	81.7
Chinese Taipei	611	82.7	2.4	0.7	12.9	82.7	1.3	0.0	80.7	84.5
Croatia	668	95.2	0.8	0.9	2.9	95.2	0.3	0.0	96.6	93.7
Czech Republic	651	90.2	1.1	1.7	6.5	90.2	0.5	0.0	91.1	89.1
Denmark	578	90.7	2.5	1.6	3.7	90.7	0.9	0.5	91.7	89.7
England	485	93.6	1.4	1.4	2.9	93.6	0.6	0.0	92.8	94.3
Finland	673	95.1	0.1	0.7	3.5	95.1	0.7	0.0	94.4	95.7
Georgia	680	85.7	5.8	1.4	5.7	85.7	1.1	0.4	87.4	83.9
Germany	565	93.2	0.9	0.0	3.9	93.2	1.0	1.0	94.7	91.7
Hong Kong SAR	555	79.1	3.2	2.7	14.7	79.1	0.4	0.0	80.1	78.2
Hungary	741	84.4	3.2	1.6	8.8	84.4	1.4	0.6	85.5	83.3
Iran, Islamic Rep. of	822	62.2	16.2	4.3	15.9	62.2	0.5	0.9	64.4	60.1
Ireland	648	94.7	1.4	0.6	3.1	94.7	0.0	0.2	96.5	92.9
Italy	597	88.8	0.2	1.3	8.9	88.8	0.9	0.0	85.4	92.5
Japan	626	86.8	4.9	2.7	4.7	86.8	1.0	0.0	84.6	89.0
Kazakhstan	625	78.9	6.4	2.3	9.8	78.9	2.6	0.0	78.5	79.3
Korea, Rep. of	619	99.3	0.2	0.1	0.4	99.3	0.0	0.0	99.4	99.1
Kuwait	577	54.3	11.4	8.6	19.4	54.3	6.0	0.3	60.6	47.4
Lithuania	670	88.5	2.4	1.8	4.9	88.5	2.3	0.0	91.6	85.7
Malta	517	81.6	6.6	2.5	8.5	81.6	0.4	0.4	84.1	79.2
Morocco	1014	47.2	16.4	11.1	18.9	47.2	4.7	1.7	49.1	45.4
Netherlands	459	91.1	1.7	0.5	5.5	91.1	0.7	0.5	94.2	88.0
New Zealand	786	92.8	1.6	1.9	2.3	92.8	1.2	0.1	92.9	92.7
Northern Ireland	505	90.8	3.5	0.5	5.2	90.8	0.0	0.0	89.8	92.1
Norway	463	93.2	1.9	0.9	2.3	93.2	1.4	0.3	93.0	93.5
Oman	1476	60.8	18.5	8.3	9.8	60.8	2.0	0.5	67.2	54.4
Poland	716	89.7	1.3	1.3	6.9	89.7	0.7	0.1	90.5	89.1
Portugal	573	92.3	1.6	1.6	2.4	92.3	2.0	0.0	92.9	91.6
Qatar	590	61.6	12.2	7.6	15.7	61.6	2.2	0.6	63.1	60.4
Romania	665	82.7	3.4	2.0	5.1	82.7	5.8	1.0	81.0	84.2
Russian Federation	630	92.2	1.3	0.3	5.4	92.2	0.8	0.0	93.2	91.2
Saudi Arabia	661	69.7	12.9	2.4	13.5	69.7	1.0	0.5	76.6	62.2
Serbia	630	90.6	2.1	1.5	4.0	90.6	0.7	1.0	89.8	91.5
Singapore	906	95.2	1.3	0.6	2.8	95.2	0.1	0.0	96.0	94.3
Slovak Republic	817	89.1	1.8	1.5	6.7	89.1	0.8	0.1	89.0	89.1
Slovenia	642	91.4	3.3	1.0	2.5	91.4	1.5	0.4	91.8	91.1
Spain	594	87.3	2.9	1.9	6.1	87.3	1.8	0.0	90.5	84.2
Sweden	666	94.8	2.7	0.5	1.2	94.8	0.7	0.0	96.2	93.5
Thailand	631	85.9	2.7	3.1	8.0	85.9	0.2	0.1	88.2	83.5
Tunisia	670	61.4	8.7	4.2	12.7	61.4	10.4	2.7	69.9	53.0
Turkey	1060	78.8	7.0	2.0	11.5	78.8	0.7	0.0	78.0	79.4
United Arab Emirates	2097	73.7	11.1	4.3	9.7	73.7	1.0	0.2	75.6	71.9
United States	1790	95.6	0.5	0.5	1.6	95.6	1.7	0.1	96.0	95.3
Yemen	1121	30.7	18.6	15.6	26.2	30.7	7.0	1.8	36.5	26.8
International Avg. (50)	37128	83.1	4.8	2.6	7.5	83.1	1.6	0.4	84.6	81.6
Botswana (6)	596	52.4	23.4	7.7	15.6	52.4	0.8	0.0	55.2	49.1
Honduras (6)	557	76.6	9.5	1.9	6.4	76.6	4.3	1.3	79.9	73.0
Yemen (6)	705	52.1	15.3	8.5	22.4	52.1	1.3	0.3	58.0	47.9
Alberta, Canada	527	95.8	1.2	0.4	2.1	95.8	0.0	0.5	95.7	95.9
Ontario, Canada	654	93.0	1.8	0.8	2.8	93.0	0.7	1.0	93.0	93.0
Quebec, Canada	597	92.1	0.9	0.6	5.0	92.1	1.4	0.0	91.8	92.4
Abu Dhabi, UAE	586	70.3	13.4	4.1	11.7	70.3	0.4	0.0	70.4	70.2
Dubai, UAE	887	78.9	9.5	3.1	6.4	78.9	1.8	0.3	84.3	74.1
Florida, US	377	96.8	1.2	0.0	1.5	96.8	0.5	0.0	97.3	96.3
North Carolina, US	261	95.0	0.9	0.8	1.2	95.0	2.1	0.0	97.4	92.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_04 (S031325): Life Science / Applying
Label: Manuel's temperature rise - Points: 1

COUNTRY	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	30.8	11.0	2.3	15.4	37.9	2.7	30.8	31.3	30.0
Australia	880	31.7	1.4	33.7	25.6	7.5	0.1	31.7	36.8	26.8
Austria	674	36.5	0.4	28.9	23.5	10.6	0.1	36.5	38.8	34.3
Azerbaijan	698	34.9	3.9	2.3	19.3	38.6	0.9	34.9	36.0	34.0
Bahrain	583	27.8	9.1	12.5	34.3	16.0	0.2	27.8	32.1	23.5
Belgium (Flemish)	689	62.2	0.8	17.3	16.4	3.3	0.0	62.2	65.6	58.2
Chile	794	31.5	2.5	24.2	23.2	18.2	0.4	31.5	32.1	30.9
Chinese Taipei	611	56.6	7.1	17.6	12.4	6.3	0.0	56.6	56.2	57.0
Croatia	668	57.6	1.8	11.7	17.5	11.4	0.0	57.6	60.3	54.8
Czech Republic	651	54.6	9.0	13.2	16.0	7.2	0.0	54.6	58.9	50.0
Denmark	578	60.9	1.4	15.0	15.5	6.6	0.5	60.9	64.8	56.7
England	485	25.1	1.2	39.1	29.0	5.6	0.0	25.1	26.6	23.8
Finland	673	56.7	12.7	11.3	12.9	6.4	0.1	56.7	60.1	53.3
Georgia	680	32.9	15.2	9.5	21.2	20.8	0.4	32.9	38.2	27.4
Germany	565	24.4	0.7	41.5	18.7	13.7	1.0	24.4	26.4	22.4
Hong Kong SAR	555	63.2	3.0	12.6	16.3	4.9	0.0	63.2	66.0	60.8
Hungary	741	57.1	3.6	14.7	15.7	8.2	0.7	57.1	57.4	56.8
Iran, Islamic Rep. of	822	17.7	3.4	19.8	28.9	29.4	0.9	17.7	21.8	13.7
Ireland	648	38.0	1.0	35.0	18.3	7.5	0.2	38.0	38.4	37.6
Italy	597	60.2	4.3	15.3	11.9	8.3	0.0	60.2	58.7	61.9
Japan	626	47.2	3.7	23.0	24.1	2.0	0.0	47.2	49.9	44.5
Kazakhstan	625	40.0	7.3	7.1	26.1	19.6	0.0	40.0	41.6	38.5
Korea, Rep. of	619	35.7	8.4	37.6	15.7	2.7	0.0	35.7	36.0	35.3
Kuwait	580	7.0	4.5	11.4	27.5	49.2	0.4	7.0	7.7	6.3
Lithuania	670	51.7	7.9	20.5	13.4	6.3	0.2	51.7	54.7	48.9
Malta	517	20.2	1.3	20.5	38.8	18.8	0.4	20.2	18.9	21.3
Morocco	1091	4.8	1.0	3.1	28.9	59.8	2.3	4.8	4.9	4.7
Netherlands	459	51.8	1.2	27.5	15.6	3.4	0.5	51.8	57.5	45.7
New Zealand	786	25.0	1.6	40.8	25.7	6.7	0.2	25.0	28.8	21.6
Northern Ireland	505	29.8	0.2	34.9	27.0	8.1	0.0	29.8	34.3	24.5
Norway	463	63.5	2.9	11.9	12.5	8.9	0.3	63.5	64.7	62.2
Oman	1476	16.1	4.0	8.4	36.4	34.5	0.5	16.1	20.4	11.8
Poland	716	45.3	3.8	17.1	16.7	17.0	0.1	45.3	47.6	43.3
Portugal	573	47.6	3.4	21.1	21.4	6.5	0.0	47.6	55.1	39.9
Qatar	590	16.1	4.0	7.2	41.0	30.9	0.8	16.1	21.9	11.1
Romania	665	39.4	7.0	12.6	22.8	17.2	1.0	39.4	38.8	39.9
Russian Federation	630	54.5	5.7	13.1	15.9	10.7	0.0	54.5	56.3	52.7
Saudi Arabia	661	21.4	3.0	11.0	40.1	23.9	0.5	21.4	28.4	13.9
Serbia	630	44.6	13.4	14.4	14.4	12.2	1.0	44.6	47.5	41.6
Singapore	906	49.9	4.5	24.0	20.3	1.3	0.0	49.9	52.4	47.3
Slovak Republic	817	54.9	6.6	13.9	15.3	9.1	0.1	54.9	56.9	52.9
Slovenia	642	50.2	10.4	7.1	21.9	10.0	0.5	50.2	48.5	51.6
Spain	594	41.5	3.5	20.0	22.3	12.6	0.0	41.5	43.1	40.0
Sweden	666	58.9	4.1	18.6	12.4	6.1	0.0	58.9	67.0	51.1
Thailand	631	22.3	2.9	15.4	42.7	16.5	0.1	22.3	25.5	18.8
Tunisia	698	20.1	9.5	8.6	33.0	25.9	3.0	20.1	24.9	15.2
Turkey	1060	39.0	3.4	20.0	29.2	8.5	0.0	39.0	43.0	35.5
United Arab Emirates	2097	23.8	3.3	8.6	34.2	29.9	0.2	23.8	25.4	22.2
United States	1790	52.3	1.5	20.3	21.4	4.5	0.1	52.3	55.8	48.7
Yemen	1121	7.9	1.0	0.3	36.5	52.0	2.3	7.9	9.5	6.9
International Avg. (50)	37236	38.9	4.6	17.5	22.9	15.7	0.5	38.9	41.5	36.2
Botswana (6)	596	19.2	0.7	10.5	57.7	11.9	0.0	19.2	22.6	15.3
Honduras (6)	557	18.0	1.4	8.3	45.3	25.2	1.8	18.0	19.0	16.8
Yemen (6)	705	12.4	4.2	11.1	39.2	32.5	0.5	12.4	16.1	9.8
Alberta, Canada	527	36.5	2.6	36.9	20.0	3.6	0.5	36.5	38.4	34.4
Ontario, Canada	654	36.6	2.1	34.1	21.1	5.0	1.0	36.6	44.7	29.3
Quebec, Canada	597	46.1	1.6	31.5	15.5	5.3	0.0	46.1	51.0	40.3
Abu Dhabi, UAE	586	20.8	4.1	6.6	37.6	31.0	0.0	20.8	22.6	18.9
Dubai, UAE	887	31.7	1.5	12.7	32.1	21.9	0.3	31.7	35.5	28.2
Florida, US	377	50.7	1.0	23.2	20.5	4.7	0.0	50.7	52.7	48.5
North Carolina, US	261	49.8	1.8	17.6	26.8	4.1	0.0	49.8	55.6	44.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_05 (S031068): Physical Science / Reasoning
Label: Maria's experiment with salt/water - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	25.9	25.9	17.9	19.8	12.4	20.5	3.5	28.6	23.0
Australia	880	57.6	57.6	21.3	12.9	6.2	1.8	0.3	60.2	55.0
Austria	674	53.6	53.6	19.4	16.8	4.8	5.3	0.1	56.3	51.0
Azerbaijan	698	44.3	44.3	12.0	13.6	6.9	22.0	1.2	52.4	37.6
Bahrain	583	44.5	44.5	22.7	23.2	7.6	1.6	0.4	45.1	43.9
Belgium (Flemish)	689	53.5	53.5	20.8	18.8	5.3	1.6	0.0	53.8	53.1
Chile	794	44.7	44.7	22.4	19.8	10.6	2.0	0.5	41.0	48.9
Chinese Taipei	611	62.8	62.8	15.6	16.9	3.0	1.7	0.0	63.5	62.1
Croatia	668	54.0	54.0	22.6	16.6	2.6	4.2	0.0	55.0	52.9
Czech Republic	651	58.8	58.8	13.7	18.5	6.4	2.3	0.2	58.1	59.5
Denmark	578	59.0	59.0	14.5	14.1	5.0	6.8	0.6	63.0	54.9
England	485	63.4	63.4	19.2	8.8	5.7	3.0	0.0	66.9	60.3
Finland	673	59.1	59.1	18.3	15.3	6.6	0.7	0.1	57.8	60.4
Georgia	680	27.2	27.2	21.1	29.1	13.5	8.4	0.8	27.7	26.7
Germany	565	55.3	55.3	18.2	16.2	6.1	3.3	1.0	57.8	52.8
Hong Kong SAR	555	64.4	64.4	15.0	15.4	4.2	0.9	0.0	63.7	65.1
Hungary	741	54.6	54.6	21.4	15.3	5.5	2.3	0.8	56.7	52.3
Iran, Islamic Rep. of	821	36.0	36.0	26.4	20.0	7.0	9.2	1.4	38.1	34.0
Ireland	648	51.9	51.9	22.8	15.5	6.6	3.0	0.2	51.1	52.7
Italy	597	55.7	55.7	16.8	19.2	4.6	3.2	0.4	58.7	52.3
Japan	626	68.1	68.1	12.3	14.8	3.3	1.4	0.0	73.4	62.9
Kazakhstan	625	42.6	42.6	22.8	19.0	11.0	3.9	0.8	37.7	47.2
Korea, Rep. of	619	83.6	83.6	5.5	7.8	1.3	1.8	0.0	86.0	81.4
Kuwait	574	32.9	32.9	24.1	23.5	10.5	8.5	0.4	33.2	32.6
Lithuania	670	51.9	51.9	16.4	23.0	6.2	2.4	0.2	61.0	43.5
Malta	517	47.0	47.0	25.6	16.0	7.6	3.3	0.4	50.2	44.1
Morocco	997	32.0	32.0	30.5	20.4	11.2	4.1	1.9	32.5	31.6
Netherlands	459	48.5	48.5	34.6	13.0	1.6	1.9	0.5	51.0	45.6
New Zealand	786	51.4	51.4	23.8	15.4	7.1	2.1	0.2	49.5	53.1
Northern Ireland	505	55.1	55.1	18.4	14.8	8.3	3.4	0.0	55.4	54.7
Norway	463	46.4	46.4	24.8	18.4	5.9	4.1	0.5	52.5	39.7
Oman	1476	39.1	39.1	27.3	19.9	9.0	4.1	0.7	43.2	34.9
Poland	716	41.0	41.0	22.2	26.3	5.5	4.6	0.3	43.1	39.2
Portugal	573	51.6	51.6	22.0	21.7	4.0	0.6	0.0	53.0	50.3
Qatar	590	37.3	37.3	27.1	21.8	9.7	3.0	1.2	41.3	33.8
Romania	664	48.2	48.2	18.5	18.7	7.6	5.8	1.3	49.5	46.9
Russian Federation	630	57.6	57.6	16.0	16.7	7.1	2.6	0.1	58.9	56.4
Saudi Arabia	661	36.3	36.3	28.1	25.0	7.6	2.4	0.6	33.5	39.3
Serbia	630	53.7	53.7	15.6	20.3	4.4	4.7	1.4	55.1	52.3
Singapore	906	75.1	75.1	10.0	10.9	3.4	0.6	0.0	76.5	73.6
Slovak Republic	817	53.4	53.4	17.7	19.8	4.8	4.2	0.1	52.8	53.9
Slovenia	641	51.6	51.6	24.1	13.9	5.8	3.5	1.0	56.3	47.5
Spain	594	43.7	43.7	17.6	26.9	7.7	3.9	0.2	43.8	43.6
Sweden	666	51.8	51.8	20.7	17.8	5.2	4.4	0.1	54.7	49.1
Thailand	631	37.6	37.6	24.3	23.1	13.3	1.5	0.2	38.7	36.4
Tunisia	684	16.5	16.5	24.8	30.6	13.1	10.8	4.2	15.5	17.5
Turkey	1060	49.7	49.7	18.2	19.3	10.5	2.0	0.3	51.7	47.9
United Arab Emirates	2097	44.2	44.2	25.4	18.5	7.7	4.0	0.3	45.1	43.3
United States	1790	63.7	63.7	16.2	11.8	5.8	2.2	0.2	63.6	63.9
Yemen	1122	19.8	19.8	25.9	27.3	13.1	11.5	2.5	17.0	21.6
International Avg. (50)	37120	49.2	49.2	20.4	18.4	7.0	4.3	0.6	50.6	47.7
Botswana (6)	596	44.5	44.5	21.8	22.0	10.5	1.1	0.0	45.6	43.3
Honduras (6)	557	40.1	40.1	21.1	23.4	7.0	6.1	2.3	40.7	39.5
Yemen (6)	704	27.5	27.5	20.4	33.8	11.6	6.2	0.5	31.6	24.6
Alberta, Canada	527	59.1	59.1	19.3	14.2	5.9	0.9	0.5	58.3	59.9
Ontario, Canada	654	58.5	58.5	20.3	10.7	7.0	2.2	1.4	61.5	55.8
Quebec, Canada	597	48.7	48.7	21.6	17.7	9.5	2.5	0.0	50.6	46.4
Abu Dhabi, UAE	586	41.1	41.1	26.6	20.8	8.0	3.6	0.0	44.7	37.6
Dubai, UAE	887	52.2	52.2	21.3	15.8	6.1	4.2	0.4	52.0	52.5
Florida, US	377	72.5	72.5	11.4	10.6	4.7	0.7	0.0	76.2	68.5
North Carolina, US	261	70.8	70.8	11.2	11.0	4.4	2.1	0.4	69.5	72.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_06 (S031418): Physical Science / Applying
Label: Position of piece of ice in water - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	17.9	22.8	17.9	11.6	39.5	4.1	4.0	17.5	18.4
Australia	880	58.2	13.0	58.2	15.2	12.4	0.8	0.3	57.7	58.7
Austria	674	44.8	15.2	44.8	18.7	19.9	1.2	0.1	40.5	49.0
Azerbaijan	698	25.4	28.7	25.4	4.5	34.8	5.4	1.2	19.6	30.2
Bahrain	583	37.0	26.1	37.0	11.9	24.2	0.4	0.5	35.4	38.5
Belgium (Flemish)	689	52.2	6.2	52.2	14.1	26.0	1.3	0.2	44.4	61.2
Chile	794	45.6	15.1	45.6	16.2	21.8	0.6	0.6	41.0	50.8
Chinese Taipei	611	58.9	14.8	58.9	4.8	20.5	1.0	0.0	50.0	67.1
Croatia	668	50.8	21.9	50.8	7.4	19.6	0.3	0.0	49.0	52.7
Czech Republic	651	52.2	12.8	52.2	5.6	28.6	0.6	0.2	50.4	54.1
Denmark	578	72.6	11.0	72.6	3.8	10.7	0.9	1.0	67.6	78.0
England	485	51.4	6.9	51.4	18.9	21.4	1.1	0.4	47.4	54.9
Finland	673	73.9	8.1	73.9	6.7	10.8	0.4	0.1	73.2	74.6
Georgia	680	20.5	22.6	20.5	13.6	41.4	1.2	0.8	20.9	20.1
Germany	565	41.2	14.5	41.2	21.2	20.3	1.9	1.0	37.5	44.9
Hong Kong SAR	555	59.0	13.8	59.0	16.0	10.6	0.6	0.0	56.1	61.6
Hungary	741	38.9	22.0	38.9	8.6	28.8	0.9	0.8	36.1	42.1
Iran, Islamic Rep. of	822	26.3	31.0	26.3	14.0	24.8	2.3	1.6	22.9	29.6
Ireland	648	50.4	11.0	50.4	22.8	15.1	0.5	0.2	48.8	52.1
Italy	597	37.4	14.5	37.4	20.4	26.2	0.8	0.7	29.5	46.4
Japan	626	83.0	3.7	83.0	5.6	7.3	0.3	0.0	80.7	85.3
Kazakhstan	625	21.9	35.6	21.9	5.1	35.2	1.2	0.9	18.7	25.1
Korea, Rep. of	619	75.3	12.1	75.3	2.4	10.1	0.0	0.0	72.2	78.3
Kuwait	574	28.0	20.5	28.0	16.2	28.7	5.7	0.9	23.0	33.5
Lithuania	670	45.5	17.9	45.5	8.8	27.0	0.6	0.2	42.5	48.3
Malta	517	43.4	17.9	43.4	16.2	20.2	1.9	0.4	36.4	49.8
Morocco	999	13.6	28.6	13.6	15.6	35.7	4.7	1.9	12.0	15.1
Netherlands	459	53.1	5.3	53.1	20.9	18.7	1.5	0.5	49.0	57.6
New Zealand	786	51.5	14.1	51.5	15.9	16.1	2.1	0.3	49.8	53.0
Northern Ireland	505	55.3	11.7	55.3	20.3	11.6	1.1	0.0	53.5	57.4
Norway	463	55.5	18.7	55.5	13.9	10.4	0.9	0.7	52.0	59.4
Oman	1476	21.6	25.9	21.6	13.0	36.1	2.8	0.7	19.6	23.6
Poland	716	40.3	17.8	40.3	8.3	32.9	0.3	0.3	35.1	44.9
Portugal	573	48.8	14.8	48.8	15.1	20.9	0.3	0.0	46.9	50.8
Qatar	590	32.7	22.1	32.7	15.5	26.9	1.6	1.2	30.3	34.8
Romania	665	29.2	19.3	29.2	8.7	38.1	3.0	1.7	25.2	32.8
Russian Federation	630	48.2	15.6	48.2	4.7	31.0	0.3	0.1	45.7	50.6
Saudi Arabia	661	25.7	34.3	25.7	12.4	26.1	0.9	0.6	24.9	26.6
Serbia	630	28.5	17.2	28.5	12.7	39.3	0.6	1.7	26.1	30.9
Singapore	906	75.7	7.4	75.7	6.5	9.6	0.8	0.0	74.7	76.8
Slovak Republic	817	44.0	23.0	44.0	9.3	22.8	0.8	0.1	41.1	46.9
Slovenia	642	50.7	11.7	50.7	11.3	24.2	1.2	1.0	45.2	55.3
Spain	594	43.4	16.0	43.4	17.2	20.8	2.1	0.4	34.2	52.3
Sweden	666	60.3	11.5	60.3	11.9	14.1	2.0	0.2	56.5	63.9
Thailand	631	49.3	10.8	49.3	10.7	28.3	0.4	0.6	41.4	58.0
Tunisia	690	12.2	12.1	12.2	16.0	44.1	11.2	4.5	9.9	14.4
Turkey	1060	20.5	36.2	20.5	10.6	31.8	0.5	0.5	15.8	24.7
United Arab Emirates	2097	31.0	21.3	31.0	14.7	31.1	1.3	0.5	28.3	33.7
United States	1790	60.8	10.1	60.8	14.4	11.7	2.5	0.5	55.5	66.2
Yemen	1123	18.1	23.6	18.1	16.0	29.3	10.3	2.7	19.9	16.8
International Avg. (50)	37132	43.6	17.4	43.6	12.5	23.9	1.8	0.7	40.2	47.0
Botswana (6)	596	21.0	22.5	21.0	12.1	43.2	1.2	0.0	19.4	22.9
Honduras (6)	557	16.5	32.9	16.5	17.1	30.0	1.2	2.3	14.1	19.1
Yemen (6)	705	17.2	33.8	17.2	17.3	27.0	4.1	0.6	11.4	21.5
Alberta, Canada	527	61.8	11.3	61.8	15.9	9.2	1.3	0.5	62.8	60.8
Ontario, Canada	654	57.2	9.2	57.2	17.0	12.5	2.0	2.0	51.0	62.9
Quebec, Canada	597	64.0	11.0	64.0	12.2	11.2	1.5	0.0	60.0	68.7
Abu Dhabi, UAE	586	27.6	22.9	27.6	14.8	32.9	1.6	0.2	25.3	29.9
Dubai, UAE	887	38.3	17.5	38.3	15.5	26.7	1.6	0.4	34.8	41.4
Florida, US	377	68.8	6.0	68.8	12.7	11.8	0.8	0.0	64.6	73.2
North Carolina, US	261	67.9	8.7	67.9	9.9	9.0	4.0	0.4	68.4	67.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_07A (S031197A): Physical Science / Knowing
Label: Two uses of electricity - Points: 1

COUNTRY	N	10 %	11 %	12 %	13 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	13.1	1.8	18.1	0.3	0.5	1.6	11.8	48.2	4.6	33.8	36.6	30.9
Australia	880	33.8	3.7	43.3	2.1	0.2	2.8	9.9	3.9	0.3	83.0	85.3	80.9
Austria	674	33.5	9.0	33.3	0.7	0.6	2.5	10.8	9.6	0.1	77.1	75.1	78.9
Azerbaijan	698	31.6	1.5	23.0	0.0	0.7	1.9	8.6	31.4	1.3	56.8	56.7	56.8
Bahrain	583	26.7	0.9	44.6	0.5	1.2	2.1	18.0	5.5	0.5	73.9	82.5	65.2
Belgium (Flemish)	689	44.0	4.6	31.0	0.1	6.0	2.2	11.4	0.5	0.2	85.6	85.9	85.3
Chile	794	28.1	0.7	30.8	0.1	0.1	11.2	18.3	9.9	0.6	59.9	59.7	60.1
Chinese Taipei	611	38.5	0.4	39.9	1.3	0.0	12.6	2.9	4.3	0.0	80.1	79.2	81.0
Croatia	668	27.5	4.0	23.3	0.3	3.2	1.6	15.3	24.8	0.0	58.3	59.8	56.9
Czech Republic	651	35.0	14.8	24.8	1.2	0.4	1.7	10.9	10.9	0.3	76.2	73.3	79.3
Denmark	578	41.9	2.6	35.8	0.8	0.2	1.8	12.5	3.4	1.0	81.2	80.9	81.6
England	485	31.7	4.9	39.1	2.0	6.7	5.3	7.3	2.5	0.6	84.3	89.6	79.7
Finland	673	34.2	6.4	36.5	0.6	14.6	4.6	2.0	1.0	0.1	92.3	91.2	93.3
Georgia	680	28.9	3.0	25.1	0.5	0.4	1.1	22.4	17.7	1.0	57.9	58.0	57.7
Germany	565	36.3	4.8	36.0	1.5	0.0	4.0	9.2	7.2	1.0	78.6	76.0	81.1
Hong Kong SAR	555	39.4	0.5	39.0	0.0	0.4	11.8	6.0	2.9	0.0	79.2	79.0	79.4
Hungary	741	36.9	4.8	32.3	2.6	0.0	4.9	11.6	6.0	0.8	76.6	77.9	75.2
Iran, Islamic Rep. of	822	31.5	1.8	27.8	0.6	0.4	4.1	20.4	11.7	1.7	62.1	62.6	61.7
Ireland	648	32.3	4.1	43.3	0.1	6.6	2.9	6.7	3.9	0.2	86.3	88.1	84.5
Italy	597	46.5	1.6	30.2	1.0	2.8	3.1	7.3	6.8	0.7	82.1	80.3	84.2
Japan	626	12.1	0.5	70.3	0.0	0.2	4.7	11.6	0.7	0.0	83.0	80.8	85.1
Kazakhstan	625	32.3	4.7	20.9	0.6	8.0	1.7	19.2	11.7	0.9	66.5	63.7	69.2
Korea, Rep. of	619	15.9	4.1	74.4	0.5	0.2	2.0	2.8	0.2	0.0	95.0	95.1	94.9
Kuwait	580	17.5	0.8	28.0	0.2	1.0	1.2	31.5	18.4	1.4	47.6	55.5	38.7
Lithuania	670	36.0	1.3	42.6	0.6	0.3	0.3	11.9	7.0	0.2	80.7	87.4	74.5
Malta	517	33.1	1.6	28.3	0.0	1.0	4.4	19.7	11.5	0.4	64.0	62.8	65.1
Morocco	1095	15.7	0.0	6.8	0.0	0.0	0.2	39.3	33.6	4.4	22.5	24.3	20.9
Netherlands	459	34.7	2.5	43.7	0.0	0.0	7.2	10.5	0.9	0.5	80.9	79.1	82.6
New Zealand	786	27.8	4.0	35.6	2.3	5.6	6.5	15.1	2.7	0.3	75.3	78.8	72.2
Northern Ireland	505	29.1	5.9	42.8	1.6	7.4	3.9	6.7	2.4	0.0	86.9	88.3	85.3
Norway	463	31.8	2.0	36.0	2.4	0.0	5.3	14.0	7.8	0.7	72.3	67.5	77.6
Oman	1476	23.3	0.3	22.7	0.2	0.8	1.9	32.2	17.8	0.7	47.4	51.7	43.1
Poland	716	29.9	0.8	37.1	0.1	0.8	3.6	11.5	15.9	0.3	68.7	70.7	67.0
Portugal	573	37.4	1.7	35.0	0.8	0.0	10.9	11.9	2.3	0.0	74.9	72.3	77.7
Qatar	590	26.8	0.3	23.8	1.8	0.8	2.3	31.9	11.1	1.2	53.5	57.7	49.8
Romania	665	33.9	1.4	24.4	0.2	0.7	2.7	18.6	16.3	1.7	60.7	60.8	60.5
Russian Federation	630	44.4	1.5	29.7	0.3	0.3	6.0	11.2	6.6	0.1	76.1	75.6	76.6
Saudi Arabia	661	38.9	2.2	28.0	0.3	3.5	2.3	14.6	9.6	0.6	72.9	82.8	62.2
Serbia	630	23.8	2.8	35.6	0.1	1.4	6.9	12.6	15.0	1.8	63.7	60.0	67.5
Singapore	906	34.7	2.0	38.4	0.2	9.1	7.5	6.7	1.4	0.0	84.4	85.7	83.0
Slovak Republic	817	35.4	7.9	30.1	0.6	8.8	1.7	8.1	7.3	0.1	82.8	84.8	80.7
Slovenia	642	44.3	3.4	32.1	0.3	0.1	0.6	10.1	8.1	1.1	80.1	81.1	79.3
Spain	594	27.7	1.5	40.0	0.3	0.5	4.2	18.1	7.1	0.6	70.0	71.0	69.0
Sweden	666	35.1	1.4	48.0	0.3	0.3	1.5	6.3	6.8	0.2	85.2	86.4	84.0
Thailand	631	9.1	1.4	71.0	0.0	0.1	0.4	12.2	5.2	0.6	81.6	85.4	77.4
Tunisia	698	20.7	2.3	18.8	0.9	1.7	1.5	28.9	20.2	5.2	44.3	47.0	41.5
Turkey	1058	14.1	0.6	13.7	0.7	1.0	48.7	16.5	4.3	0.5	30.1	29.2	30.9
United Arab Emirates	2097	31.6	1.9	30.0	0.7	0.0	3.0	23.1	9.2	0.5	64.2	68.8	59.6
United States	1790	45.2	3.5	33.7	0.3	0.2	4.7	10.8	1.1	0.5	83.0	83.6	82.3
Yemen	1123	10.6	0.3	10.1	0.0	0.0	0.1	33.5	42.6	2.7	21.0	26.9	17.1
International Avg. (50)	37240	30.5	2.8	33.8	0.6	2.0	4.6	14.5	10.3	0.8	69.7	70.8	68.6
Botswana (6)	596	21.1	14.8	13.3	0.2	1.1	0.3	46.6	2.5	0.0	50.6	54.3	46.3
Honduras (6)	557	10.0	11.5	36.6	0.6	0.8	1.9	24.5	11.8	2.3	59.5	68.1	50.0
Yemen (6)	704	21.0	0.8	32.9	0.1	0.2	0.0	25.3	19.2	0.6	54.9	61.8	50.0
Alberta, Canada	526	43.1	4.8	33.0	2.8	0.7	6.6	6.6	2.0	0.5	84.3	88.0	80.3
Ontario, Canada	654	39.5	1.3	37.3	3.2	0.9	6.2	7.1	2.4	2.0	82.2	81.9	82.5
Quebec, Canada	597	41.4	7.1	27.7	1.2	3.4	12.8	4.8	1.4	0.2	80.8	79.2	82.6
Abu Dhabi, UAE	586	29.1	1.6	30.3	1.0	0.0	2.9	25.0	9.8	0.2	62.1	66.0	58.2
Dubai, UAE	887	35.7	2.7	32.1	0.6	0.1	2.5	18.2	7.6	0.5	71.2	75.2	67.6
Florida, US	377	41.7	2.0	39.7	0.1	0.0	6.2	9.6	0.6	0.0	83.6	81.7	85.6
North Carolina, US	261	47.1	1.8	34.1	0.4	0.3	4.8	11.3	0.0	0.4	83.6	85.7	81.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_07B (S031197B): Physical Science / Knowing
Label: Two uses of electricity - Points: 1

COUNTRY	N	10 %	11 %	12 %	13 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	6.0	3.7	18.2	0.3	0.7	1.3	16.0	49.1	4.6	29.0	30.1	27.7
Australia	880	14.3	6.0	50.2	3.3	0.2	4.8	15.8	5.0	0.3	74.0	76.5	71.6
Austria	674	13.6	10.8	44.6	0.8	0.9	4.2	13.0	12.0	0.1	70.7	66.8	74.5
Azerbaijan	698	8.9	6.4	25.1	1.9	1.3	1.1	17.4	36.7	1.3	43.5	43.7	43.4
Bahrain	583	6.4	2.1	61.0	0.1	2.1	2.2	18.2	7.2	0.5	71.8	79.4	64.2
Belgium (Flemish)	689	16.5	10.6	46.9	0.6	4.3	4.5	15.8	0.6	0.2	78.9	79.2	78.5
Chile	794	12.6	1.7	38.0	0.7	0.1	11.3	24.2	10.8	0.6	53.0	53.4	52.6
Chinese Taipei	611	12.8	1.1	57.7	3.9	0.2	12.3	5.5	6.6	0.0	75.7	77.8	73.8
Croatia	668	7.2	7.6	31.5	0.1	4.5	2.1	16.4	30.7	0.0	50.8	51.6	50.1
Czech Republic	651	13.8	11.8	36.9	1.7	1.7	1.6	14.7	17.4	0.3	65.9	62.0	70.0
Denmark	578	11.2	9.0	53.9	1.6	0.1	3.1	15.6	4.4	1.0	75.9	75.1	76.8
England	485	15.1	8.3	49.9	2.0	5.2	6.8	9.6	2.6	0.6	80.5	84.8	76.7
Finland	673	16.9	9.8	49.2	1.9	8.1	3.2	6.4	4.4	0.1	85.9	86.3	85.6
Georgia	680	10.1	7.8	27.8	0.3	1.1	0.9	27.0	24.0	1.0	47.1	46.4	47.8
Germany	565	12.3	6.1	47.7	2.1	0.0	8.0	13.1	9.7	1.0	68.2	64.5	71.9
Hong Kong SAR	555	11.6	0.9	51.6	0.5	1.9	20.5	9.3	3.7	0.0	66.5	66.4	66.5
Hungary	741	9.7	9.9	46.8	2.3	0.5	5.2	15.7	9.0	0.8	69.3	71.9	66.3
Iran, Islamic Rep. of	822	12.3	5.8	35.4	0.5	0.5	4.0	24.8	15.1	1.7	54.4	53.8	55.0
Ireland	648	12.9	7.5	54.2	0.1	4.8	4.9	10.4	5.0	0.2	79.5	81.5	77.5
Italy	597	13.6	4.4	46.0	1.8	3.1	4.9	15.2	10.2	0.7	68.9	65.3	72.9
Japan	626	8.2	0.4	68.3	0.3	0.2	7.5	14.0	1.2	0.0	77.3	76.6	78.1
Kazakhstan	625	16.0	8.5	22.8	1.5	10.6	2.6	22.2	14.9	0.9	59.4	60.4	58.4
Korea, Rep. of	619	8.7	5.0	80.2	0.6	0.1	1.8	3.4	0.2	0.0	94.6	96.3	92.9
Kuwait	580	7.2	1.3	32.3	1.0	0.1	1.0	33.7	21.9	1.4	42.0	50.0	33.0
Lithuania	670	12.5	2.0	56.4	0.4	0.0	1.3	17.4	9.8	0.2	71.3	74.3	68.6
Malta	517	11.3	2.5	42.8	0.6	1.6	4.2	22.8	13.7	0.4	58.8	58.6	59.0
Morocco	1096	5.8	0.7	7.1	0.0	0.7	0.2	44.2	36.9	4.3	14.4	17.0	12.0
Netherlands	459	14.8	4.8	56.0	0.2	1.5	8.2	12.5	1.6	0.5	77.3	77.0	77.5
New Zealand	786	14.6	6.0	45.3	2.0	5.1	5.4	18.1	3.1	0.3	73.0	74.8	71.4
Northern Ireland	505	16.8	7.1	51.9	1.1	6.2	4.2	8.9	3.6	0.0	83.2	85.6	80.4
Norway	463	10.1	6.3	49.0	2.6	0.2	8.1	14.2	9.0	0.7	68.1	59.5	77.5
Oman	1476	7.3	0.3	34.0	0.9	1.3	2.6	33.7	19.2	0.7	43.8	47.9	39.6
Poland	716	9.5	2.2	48.3	0.3	1.5	3.4	15.2	19.4	0.3	61.8	60.6	62.8
Portugal	573	16.9	2.3	45.2	1.8	0.5	11.0	19.0	3.4	0.0	66.6	68.3	64.9
Qatar	590	9.8	0.4	35.3	1.3	0.0	2.6	36.7	12.6	1.2	46.8	47.5	46.2
Romania	665	12.4	2.4	31.0	2.2	1.8	2.9	28.2	17.3	1.7	49.9	48.6	51.1
Russian Federation	630	12.6	4.2	41.9	1.7	1.6	9.0	18.9	10.0	0.1	61.9	64.5	59.5
Saudi Arabia	661	13.5	2.4	36.6	1.0	8.1	1.9	24.1	11.9	0.6	61.6	69.0	53.5
Serbia	630	11.7	5.5	25.7	0.6	1.2	4.6	29.1	19.7	1.8	44.7	43.4	46.1
Singapore	906	14.4	3.6	52.9	1.1	7.3	6.1	12.4	2.3	0.0	79.2	78.6	79.8
Slovak Republic	817	9.0	11.5	39.4	1.7	11.1	3.1	14.6	9.4	0.1	72.7	73.6	71.9
Slovenia	642	12.2	4.8	54.4	1.3	0.4	2.1	14.6	9.1	1.1	73.1	72.1	74.0
Spain	594	14.1	2.8	47.6	0.7	0.4	2.8	22.7	8.2	0.6	65.7	63.6	67.6
Sweden	666	12.4	3.6	63.1	1.8	0.3	1.5	9.0	8.2	0.2	81.1	81.6	80.6
Thailand	631	6.2	1.4	70.5	0.0	0.3	0.8	15.4	4.9	0.6	78.3	82.0	74.2
Tunisia	698	8.5	3.4	19.6	0.9	1.3	1.4	37.2	22.5	5.2	33.7	35.0	32.4
Turkey	1058	5.9	1.3	16.1	0.6	1.4	44.0	24.4	5.9	0.5	25.3	25.6	25.0
United Arab Emirates	2097	12.0	1.9	42.5	1.2	0.5	3.4	27.0	10.9	0.5	58.2	62.3	54.0
United States	1790	14.6	6.7	52.8	0.6	0.5	7.6	15.1	1.6	0.5	75.3	77.3	73.2
Yemen	1122	3.3	1.0	11.8	0.2	0.1	0.0	40.7	40.2	2.7	16.4	19.9	14.0
International Avg. (50)	37240	11.4	4.7	43.1	1.1	2.1	5.2	19.1	12.3	0.8	62.5	63.4	61.7
Botswana (6)	596	10.9	10.1	15.8	0.2	2.7	1.1	55.6	3.6	0.0	39.8	42.8	36.2
Honduras (6)	557	6.2	7.5	39.4	0.1	1.6	1.2	24.5	17.2	2.3	54.8	63.4	45.4
Yemen (6)	704	8.0	1.3	38.2	0.0	1.3	0.5	28.5	21.6	0.6	48.8	56.9	42.9
Alberta, Canada	526	11.8	4.9	51.1	5.1	1.9	8.8	12.4	3.6	0.5	74.8	77.3	72.1
Ontario, Canada	654	13.0	2.7	52.8	4.3	1.3	8.0	12.7	3.1	2.0	74.2	71.9	76.2
Quebec, Canada	597	19.9	5.8	36.1	2.3	3.5	13.6	15.9	2.7	0.2	67.6	64.4	71.3
Abu Dhabi, UAE	586	10.5	1.1	43.3	1.1	0.4	4.3	27.5	11.6	0.2	56.4	61.3	51.6
Dubai, UAE	887	12.8	3.3	44.9	1.5	0.2	3.2	24.6	8.9	0.5	62.8	69.5	56.7
Florida, US	377	16.0	6.3	54.1	0.3	1.0	7.4	14.1	0.9	0.0	77.6	75.2	80.1
North Carolina, US	261	13.2	7.3	49.1	1.6	0.0	9.8	18.3	0.3	0.4	71.2	76.9	66.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_07Z (S031197Z): Physical Science / Knowing
Label: Two uses of electricity-DERIVED - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	26.1	10.7	15.8	42.9	4.6	36.7	26.1	27.9	24.0
Australia	880	71.3	14.5	10.0	3.9	0.3	85.8	71.3	74.1	68.5
Austria	674	66.0	15.9	8.6	9.4	0.1	81.8	66.0	62.9	68.9
Azerbaijan	698	40.6	19.1	7.9	31.1	1.3	59.7	40.6	40.2	40.9
Bahrain	583	67.8	10.2	16.3	5.2	0.5	77.9	67.8	75.4	60.1
Belgium (Flemish)	689	72.1	20.3	6.8	0.5	0.2	92.4	72.1	72.1	72.0
Chile	794	43.8	25.2	20.5	9.8	0.6	69.1	43.8	42.6	45.2
Chinese Taipei	611	65.9	24.0	5.7	4.3	0.0	89.9	65.9	67.4	64.6
Croatia	668	48.0	13.2	14.7	24.1	0.0	61.2	48.0	48.2	47.7
Czech Republic	651	62.9	16.3	9.6	10.9	0.3	79.2	62.9	58.7	67.4
Denmark	578	69.9	17.4	8.3	3.4	1.0	87.3	69.9	68.7	71.1
England	485	75.1	14.5	7.6	2.1	0.6	89.7	75.1	79.7	71.2
Finland	673	82.4	13.5	3.1	1.0	0.1	95.9	82.4	81.3	83.4
Georgia	680	38.5	27.9	17.0	15.5	1.0	66.5	38.5	39.2	37.8
Germany	565	63.4	20.0	8.4	7.2	1.0	83.4	63.4	58.7	68.0
Hong Kong SAR	555	57.8	30.0	9.4	2.7	0.0	87.9	57.8	57.7	57.9
Hungary	741	63.8	18.4	12.2	4.8	0.8	82.2	63.8	64.9	62.4
Iran, Islamic Rep. of	822	50.3	15.9	20.8	11.3	1.7	66.2	50.3	50.2	50.5
Ireland	648	76.2	13.4	6.4	3.8	0.2	89.6	76.2	77.3	75.2
Italy	597	64.4	22.2	6.6	6.1	0.7	86.6	64.4	60.1	69.3
Japan	626	70.5	19.3	9.5	0.7	0.0	89.8	70.5	69.3	71.7
Kazakhstan	625	53.8	18.3	17.0	10.0	0.9	72.1	53.8	53.0	54.6
Korea, Rep. of	619	90.8	7.9	1.0	0.2	0.0	98.8	90.8	92.1	89.6
Kuwait	580	37.3	15.0	31.3	15.0	1.4	52.3	37.3	45.6	28.1
Lithuania	670	68.7	14.6	9.9	6.7	0.2	83.3	68.7	71.6	66.1
Malta	517	52.5	17.9	17.9	11.3	0.4	70.4	52.5	51.3	53.5
Morocco	1094	8.2	20.6	35.4	31.6	4.3	28.8	8.2	9.1	7.3
Netherlands	459	67.0	24.2	7.4	0.9	0.5	91.2	67.0	65.2	68.6
New Zealand	786	64.7	19.0	13.5	2.5	0.3	83.7	64.7	68.1	61.6
Northern Ireland	505	78.0	14.1	5.6	2.3	0.0	92.1	78.0	80.4	75.2
Norway	463	61.4	17.5	12.8	7.6	0.7	78.9	61.4	54.3	69.3
Oman	1476	39.6	12.0	32.9	14.8	0.7	51.6	39.6	42.8	36.4
Poland	716	59.7	11.2	12.9	15.9	0.3	70.8	59.7	58.7	60.6
Portugal	573	57.3	27.0	13.4	2.3	0.0	84.3	57.3	55.6	59.0
Qatar	590	40.9	18.6	29.8	9.5	1.2	59.4	40.9	43.6	38.5
Romania	665	44.0	22.5	18.2	13.5	1.7	66.5	44.0	40.9	47.0
Russian Federation	630	56.0	26.1	11.2	6.6	0.1	82.1	56.0	57.1	54.9
Saudi Arabia	661	58.0	18.5	14.3	8.6	0.6	76.5	58.0	64.5	51.0
Serbia	630	36.1	36.1	10.9	15.0	1.8	72.3	36.1	33.8	38.5
Singapore	906	73.5	16.5	8.6	1.4	0.0	90.0	73.5	73.2	73.8
Slovak Republic	817	70.0	15.5	7.6	6.7	0.1	85.5	70.0	71.6	68.4
Slovenia	642	70.0	13.2	8.5	7.2	1.1	83.2	70.0	69.8	70.2
Spain	594	55.5	24.6	12.5	6.7	0.6	80.1	55.5	54.3	56.7
Sweden	666	77.1	12.1	3.8	6.8	0.2	89.2	77.1	77.1	77.0
Thailand	631	75.3	9.2	10.7	4.2	0.6	84.5	75.3	79.4	70.9
Tunisia	698	29.5	19.0	27.8	18.5	5.2	48.5	29.5	29.8	29.2
Turkey	1058	20.5	14.5	60.6	4.0	0.5	34.9	20.5	20.4	20.5
United Arab Emirates	2097	51.5	19.4	20.3	8.2	0.5	70.9	51.5	55.8	47.1
United States	1790	68.0	22.3	8.2	1.1	0.5	90.2	68.0	69.7	66.2
Yemen	1122	12.3	12.8	39.3	32.9	2.7	25.1	12.3	16.1	9.7
International Avg. (50)	37238	57.1	18.0	14.6	9.5	0.8	75.1	57.1	57.6	56.5
Botswana (6)	596	34.3	21.8	41.6	2.3	0.0	56.1	34.3	37.5	30.5
Honduras (6)	557	50.3	13.7	22.4	11.3	2.3	64.0	50.3	58.1	41.7
Yemen (6)	704	42.3	19.1	21.9	16.1	0.6	61.4	42.3	52.5	35.0
Alberta, Canada	526	68.8	21.5	7.2	2.0	0.5	90.3	68.8	72.6	64.6
Ontario, Canada	654	69.7	17.0	8.8	2.4	2.0	86.7	69.7	67.1	72.0
Quebec, Canada	597	58.5	31.3	8.6	1.4	0.2	89.8	58.5	53.5	64.4
Abu Dhabi, UAE	586	50.1	18.3	23.0	8.4	0.2	68.4	50.1	55.4	44.9
Dubai, UAE	887	56.2	21.6	14.7	7.1	0.5	77.8	56.2	62.7	50.3
Florida, US	377	70.4	20.3	8.6	0.6	0.0	90.8	70.4	67.6	73.4
North Carolina, US	261	66.1	22.6	10.9	0.0	0.4	88.7	66.1	70.8	61.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_08 (S031371): Physical Science / Applying
Label: Heat to change state of water - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	36.6	19.7	16.5	14.1	36.6	6.2	6.8	36.3	37.1
Australia	880	46.5	23.3	7.7	20.2	46.5	1.6	0.7	44.0	48.8
Austria	674	67.9	14.7	6.1	8.7	67.9	2.2	0.5	76.2	60.0
Azerbaijan	698	33.6	27.3	14.8	12.1	33.6	10.1	2.1	36.3	31.4
Bahrain	583	45.5	20.9	12.8	19.8	45.5	0.5	0.7	51.1	39.8
Belgium (Flemish)	689	49.0	22.4	12.8	14.8	49.0	0.8	0.2	50.9	46.8
Chile	794	58.2	13.8	13.9	11.9	58.2	0.5	1.7	59.1	57.2
Chinese Taipei	611	43.6	9.0	11.4	35.5	43.6	0.5	0.0	41.9	45.1
Croatia	668	61.6	7.9	13.7	14.3	61.6	2.3	0.2	64.5	58.7
Czech Republic	651	34.9	26.1	21.3	14.6	34.9	2.7	0.4	35.1	34.6
Denmark	578	39.1	21.4	12.6	18.6	39.1	7.1	1.2	44.9	33.0
England	485	53.3	22.4	7.9	15.1	53.3	0.7	0.6	55.8	51.1
Finland	673	60.0	24.6	6.9	7.0	60.0	1.4	0.2	61.4	58.7
Georgia	680	27.3	27.0	18.6	20.7	27.3	4.1	2.3	26.5	28.1
Germany	565	73.4	13.0	4.1	5.3	73.4	2.9	1.3	77.6	69.3
Hong Kong SAR	555	49.6	16.6	13.1	19.8	49.6	0.6	0.3	47.0	51.8
Hungary	741	51.0	17.7	11.3	17.5	51.0	1.7	0.9	50.6	51.3
Iran, Islamic Rep. of	822	42.5	14.5	20.6	17.6	42.5	2.7	2.2	46.9	38.1
Ireland	648	49.7	26.7	7.2	14.7	49.7	1.0	0.6	55.2	44.1
Italy	597	50.0	20.3	12.2	13.6	50.0	2.8	1.2	52.7	46.9
Japan	626	44.1	30.1	11.4	13.7	44.1	0.7	0.0	48.7	39.7
Kazakhstan	625	49.1	20.3	19.1	7.7	49.1	2.3	1.5	45.6	52.5
Korea, Rep. of	619	64.2	19.5	4.0	12.2	64.2	0.0	0.0	64.3	64.2
Kuwait	574	35.5	16.2	16.7	22.4	35.5	7.0	2.1	40.8	29.5
Lithuania	670	59.3	21.3	12.7	4.8	59.3	1.7	0.2	67.8	51.5
Malta	517	48.1	17.0	10.9	21.7	48.1	1.7	0.6	50.7	45.8
Morocco	988	24.7	15.4	23.6	31.4	24.7	3.1	1.9	22.1	27.1
Netherlands	459	33.0	55.4	6.1	3.8	33.0	0.9	0.9	35.3	30.1
New Zealand	786	46.9	24.1	9.2	18.1	46.9	1.4	0.3	50.6	43.5
Northern Ireland	505	50.4	23.0	5.7	19.3	50.4	1.3	0.3	51.7	48.8
Norway	463	54.3	21.6	6.6	13.7	54.3	2.8	1.0	55.0	53.5
Oman	1476	35.0	21.7	15.1	24.8	35.0	2.1	1.3	36.7	33.2
Poland	716	48.2	17.5	18.2	13.0	48.2	2.7	0.4	47.5	48.8
Portugal	573	33.8	11.9	24.3	27.6	33.8	2.1	0.4	35.2	32.3
Qatar	590	40.4	16.0	18.2	21.9	40.4	2.0	1.5	44.7	36.6
Romania	665	37.7	16.8	21.4	17.0	37.7	4.6	2.5	39.7	35.8
Russian Federation	630	65.7	16.4	7.8	9.3	65.7	0.5	0.3	67.6	63.8
Saudi Arabia	661	40.7	25.3	11.2	21.1	40.7	0.5	1.2	44.2	36.9
Serbia	630	50.0	15.3	16.4	12.5	50.0	3.4	2.3	55.7	44.2
Singapore	906	65.9	18.0	2.4	12.7	65.9	0.8	0.1	67.1	64.8
Slovak Republic	817	43.2	17.2	16.0	21.1	43.2	2.2	0.3	44.0	42.4
Slovenia	641	66.5	10.1	9.5	10.6	66.5	1.5	1.7	67.0	66.2
Spain	594	37.0	14.6	17.7	23.3	37.0	6.3	1.1	35.4	38.5
Sweden	666	57.3	17.9	8.3	10.0	57.3	5.9	0.6	55.7	58.9
Thailand	631	44.4	18.5	17.1	18.3	44.4	0.7	0.9	48.5	39.8
Tunisia	688	40.5	15.6	11.0	20.6	40.5	5.6	6.6	42.8	38.2
Turkey	1058	40.0	17.4	15.7	25.2	40.0	1.1	0.8	44.2	36.3
United Arab Emirates	2097	42.9	20.0	13.1	21.8	42.9	1.5	0.6	44.1	41.6
United States	1790	60.6	17.5	6.2	14.3	60.6	0.6	0.8	60.3	61.0
Yemen	1123	27.2	10.7	21.8	32.1	27.2	4.5	3.8	27.6	26.9
International Avg. (50)	37116	47.2	19.4	12.9	16.8	47.2	2.5	1.2	49.1	45.3
Botswana (6)	596	34.4	33.8	10.0	21.2	34.4	0.3	0.4	34.0	34.8
Honduras (6)	557	30.1	12.1	33.0	18.9	30.1	3.3	2.6	31.3	28.7
Yemen (6)	704	40.2	10.3	14.3	31.2	40.2	3.0	0.9	41.2	39.5
Alberta, Canada	527	58.6	17.6	7.9	14.1	58.6	0.8	1.0	59.5	57.7
Ontario, Canada	654	54.0	18.5	8.6	14.5	54.0	1.5	2.9	52.0	55.8
Quebec, Canada	597	36.6	12.3	14.1	30.4	36.6	6.1	0.5	37.3	35.8
Abu Dhabi, UAE	586	41.9	18.2	13.3	24.0	41.9	2.4	0.2	44.3	39.5
Dubai, UAE	887	46.3	22.8	11.8	17.6	46.3	0.8	0.6	44.7	47.7
Florida, US	377	64.9	16.6	6.5	11.5	64.9	0.5	0.0	70.0	59.6
North Carolina, US	261	69.4	15.7	4.1	9.7	69.4	0.7	0.4	69.7	69.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S01_09 (S031376): Earth Science / Knowing

Label: Best soil for plants to grow in - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	46.4	21.1	6.0	14.9	46.4	4.5	7.0	44.4	48.3
Australia	880	38.6	28.3	5.5	24.1	38.6	2.8	0.8	36.0	41.1
Austria	674	30.6	40.3	5.1	19.6	30.6	4.0	0.5	29.9	31.2
Azerbaijan	698	55.2	22.1	12.4	3.3	55.2	4.6	2.4	55.4	55.0
Bahrain	583	28.2	39.7	18.0	11.8	28.2	1.7	0.7	32.8	23.6
Belgium (Flemish)	689	19.7	36.0	17.4	24.7	19.7	1.9	0.3	16.4	23.5
Chile	794	31.6	33.6	16.3	14.8	31.6	1.9	1.8	30.6	32.6
Chinese Taipei	611	56.9	25.0	4.5	13.1	56.9	0.5	0.0	56.0	57.8
Croatia	668	61.4	9.5	11.8	15.3	61.4	1.8	0.2	57.9	65.0
Czech Republic	651	72.8	10.0	9.6	5.3	72.8	1.6	0.6	75.3	70.2
Denmark	578	52.8	15.5	17.3	8.7	52.8	4.1	1.5	53.4	52.1
England	485	45.5	20.1	8.6	23.6	45.5	1.6	0.6	44.2	46.7
Finland	673	63.2	12.3	14.3	9.4	63.2	0.6	0.2	58.4	67.9
Georgia	680	23.6	47.0	10.1	13.7	23.6	3.1	2.5	24.0	23.2
Germany	565	27.9	36.0	14.2	17.5	27.9	3.1	1.3	26.1	29.6
Hong Kong SAR	555	46.2	29.1	17.5	6.5	46.2	0.5	0.3	45.1	47.2
Hungary	741	54.3	28.1	11.6	3.9	54.3	1.1	1.0	54.3	54.2
Iran, Islamic Rep. of	822	14.5	16.3	40.9	22.8	14.5	3.2	2.3	12.2	16.7
Ireland	648	33.6	14.8	24.1	25.2	33.6	1.6	0.6	37.0	30.1
Italy	597	57.6	11.2	15.5	13.2	57.6	1.3	1.2	57.7	57.5
Japan	626	29.5	38.4	7.0	24.8	29.5	0.2	0.1	27.3	31.6
Kazakhstan	625	52.0	18.5	12.4	12.3	52.0	2.9	1.9	46.9	56.8
Korea, Rep. of	619	67.2	8.8	20.8	3.2	67.2	0.0	0.0	67.1	67.2
Kuwait	573	15.8	33.3	25.6	15.0	15.8	8.1	2.1	13.8	18.1
Lithuania	670	27.6	29.1	28.3	12.8	27.6	2.0	0.2	26.7	28.5
Malta	517	36.9	18.0	14.1	29.3	36.9	1.1	0.6	40.1	33.9
Morocco	984	21.2	30.4	25.1	19.0	21.2	2.6	1.8	21.0	21.4
Netherlands	459	19.8	28.1	29.2	20.9	19.8	1.1	0.9	14.8	25.1
New Zealand	786	46.1	22.6	11.5	18.0	46.1	1.4	0.3	45.5	46.7
Northern Ireland	505	34.8	21.7	13.1	28.1	34.8	2.1	0.3	36.3	33.0
Norway	463	40.0	32.0	19.6	3.9	40.0	3.4	1.0	40.9	39.0
Oman	1476	27.7	31.2	24.9	12.3	27.7	2.4	1.6	26.7	28.7
Poland	716	34.9	24.6	22.7	15.3	34.9	1.8	0.7	32.2	37.4
Portugal	573	48.7	22.0	14.2	12.7	48.7	1.8	0.6	48.8	48.6
Qatar	590	26.6	28.5	23.3	16.3	26.6	3.8	1.5	29.8	23.7
Romania	664	45.6	21.0	15.6	9.6	45.6	5.5	2.7	45.7	45.6
Russian Federation	630	59.6	9.3	10.1	19.3	59.6	1.5	0.3	59.4	59.7
Saudi Arabia	661	19.2	39.9	27.9	11.2	19.2	0.7	1.2	23.0	15.0
Serbia	630	59.1	13.8	9.1	13.8	59.1	0.9	3.2	58.8	59.4
Singapore	906	20.2	30.7	6.9	40.7	20.2	1.3	0.1	20.7	19.8
Slovak Republic	817	60.2	9.3	25.4	3.6	60.2	1.2	0.3	61.2	59.2
Slovenia	642	45.7	23.8	13.4	13.2	45.7	2.2	1.8	41.8	49.0
Spain	594	34.1	26.9	18.5	15.6	34.1	3.3	1.6	36.4	31.9
Sweden	666	56.3	8.4	28.5	3.5	56.3	2.5	0.9	54.3	58.2
Thailand	631	74.9	5.5	10.7	7.5	74.9	0.6	0.9	79.0	70.3
Tunisia	689	25.2	26.2	15.9	19.2	25.2	6.3	7.3	28.3	22.0
Turkey	1058	26.2	48.1	15.1	8.6	26.2	1.1	0.9	26.7	25.8
United Arab Emirates	2097	26.5	36.7	18.4	15.5	26.5	2.3	0.7	24.2	28.8
United States	1790	48.4	20.9	6.5	20.8	48.4	2.4	1.0	49.1	47.7
Yemen	1123	22.7	21.3	25.6	22.0	22.7	4.6	3.8	22.2	23.0
International Avg. (50)	37112	40.3	24.5	16.4	15.2	40.3	2.3	1.3	39.9	40.6
Botswana (6)	596	38.3	19.9	20.5	20.5	38.3	0.5	0.4	37.5	39.2
Honduras (6)	557	31.8	31.5	13.3	19.8	31.8	0.8	2.8	34.3	29.2
Yemen (6)	704	17.7	31.8	33.2	12.5	17.7	3.9	0.9	17.1	18.1
Alberta, Canada	527	63.6	17.5	5.8	10.7	63.6	1.4	1.1	63.1	64.2
Ontario, Canada	654	55.1	18.0	7.7	13.5	55.1	2.6	3.1	55.9	54.3
Quebec, Canada	597	51.5	20.8	8.6	17.7	51.5	0.9	0.5	51.7	51.4
Abu Dhabi, UAE	586	24.5	42.0	19.2	11.1	24.5	2.9	0.4	19.6	29.3
Dubai, UAE	887	31.3	33.7	10.9	20.8	31.3	2.5	0.8	31.5	31.2
Florida, US	377	49.2	21.5	6.1	21.1	49.2	2.0	0.0	52.6	45.6
North Carolina, US	261	57.7	15.1	7.3	17.7	57.7	1.5	0.8	55.4	59.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S01_10 (S031044): Earth Science / Reasoning
Label: Label Earth, Moon, and Sun - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	27.4	9.8	40.5	15.0	7.3	27.4	27.5	27.5
Australia	880	54.0	13.0	29.6	2.5	0.9	54.0	48.3	59.5
Austria	674	52.5	13.9	30.1	3.0	0.5	52.5	45.1	59.6
Azerbaijan	698	39.0	6.6	31.1	20.2	3.2	39.0	35.8	41.7
Bahrain	583	50.9	12.4	35.1	0.9	0.7	50.9	47.2	54.6
Belgium (Flemish)	689	39.3	14.4	45.3	0.7	0.3	39.3	34.0	45.4
Chile	794	58.6	14.5	23.3	1.6	1.9	58.6	56.7	60.7
Chinese Taipei	611	51.9	10.0	37.7	0.5	0.0	51.9	45.3	57.9
Croatia	668	42.8	16.3	39.2	1.3	0.3	42.8	39.3	46.4
Czech Republic	651	52.4	13.7	30.8	2.5	0.6	52.4	49.4	55.7
Denmark	578	52.3	9.0	31.8	5.3	1.7	52.3	48.1	56.7
England	485	63.0	10.6	24.9	0.9	0.6	63.0	60.1	65.6
Finland	673	65.3	10.1	23.3	0.9	0.4	65.3	57.4	73.0
Georgia	673	39.9	10.8	40.1	6.5	2.7	39.9	38.8	41.1
Germany	565	44.3	14.5	37.7	2.1	1.5	44.3	38.7	49.7
Hong Kong SAR	555	57.7	11.1	30.7	0.2	0.3	57.7	46.6	67.3
Hungary	740	50.6	15.4	31.4	1.5	1.2	50.6	42.8	59.4
Iran, Islamic Rep. of	822	42.0	21.6	29.8	3.9	2.6	42.0	42.4	41.6
Ireland	648	50.0	16.8	31.1	1.5	0.6	50.0	45.3	54.7
Italy	597	43.9	12.3	40.2	2.2	1.4	43.9	36.2	52.7
Japan	626	53.0	13.9	32.3	0.6	0.1	53.0	43.5	62.4
Kazakhstan	625	49.0	13.5	30.5	4.7	2.2	49.0	43.8	54.1
Korea, Rep. of	619	73.0	6.2	20.5	0.2	0.0	73.0	67.2	78.7
Kuwait	579	51.0	12.7	29.5	3.8	3.0	51.0	53.3	48.5
Lithuania	670	53.6	15.9	28.6	1.8	0.2	53.6	56.4	51.0
Malta	517	50.0	14.1	33.2	2.1	0.6	50.0	39.5	59.6
Morocco	1093	16.3	7.2	60.4	10.3	5.8	16.3	15.1	17.4
Netherlands	459	49.0	19.0	30.9	0.0	1.1	49.0	42.3	55.6
New Zealand	786	43.7	16.7	37.6	1.7	0.3	43.7	38.1	48.7
Northern Ireland	505	35.3	20.9	41.8	1.7	0.3	35.3	30.6	40.8
Norway	463	59.7	13.8	22.8	2.6	1.1	59.7	55.3	64.7
Oman	1476	29.9	13.1	51.4	3.9	1.8	29.9	29.8	30.1
Poland	716	48.7	14.0	33.6	2.9	0.8	48.7	42.0	54.7
Portugal	573	77.5	6.9	14.5	0.5	0.6	77.5	76.1	79.0
Qatar	590	46.9	13.1	35.0	3.4	1.6	46.9	43.4	49.9
Romania	665	46.5	14.5	32.4	3.9	2.7	46.5	42.7	50.2
Russian Federation	630	74.2	8.2	16.8	0.2	0.6	74.2	74.1	74.4
Saudi Arabia	661	39.3	12.2	44.4	3.0	1.2	39.3	39.4	39.2
Serbia	630	38.9	8.9	47.0	2.0	3.2	38.9	34.4	43.5
Singapore	906	47.6	18.5	33.5	0.2	0.1	47.6	45.5	49.8
Slovak Republic	817	66.2	10.5	21.4	1.6	0.3	66.2	64.2	68.2
Slovenia	642	47.7	14.5	34.4	1.4	1.9	47.7	46.3	49.0
Spain	594	59.5	9.4	26.2	3.2	1.6	59.5	53.8	64.9
Sweden	666	63.8	8.2	24.9	2.1	1.1	63.8	60.6	66.9
Thailand	631	47.7	23.2	26.8	1.5	0.9	47.7	45.9	49.7
Tunisia	698	17.1	12.6	59.0	3.6	7.7	17.1	16.9	17.4
Turkey	1058	38.0	9.1	47.1	4.6	1.2	38.0	36.8	39.0
United Arab Emirates	2097	54.8	13.2	29.0	2.3	0.7	54.8	53.8	55.9
United States	1790	65.5	10.9	21.5	0.9	1.1	65.5	61.8	69.2
Yemen	1123	14.6	7.4	66.2	7.8	4.0	14.6	15.3	14.1
International Avg. (50)	37229	48.7	12.8	33.9	3.0	1.5	48.7	45.1	52.3
Botswana (6)	596	26.2	17.7	54.2	1.5	0.4	26.2	23.2	29.6
Honduras (6)	557	22.9	18.7	53.8	1.7	2.9	22.9	22.1	23.9
Yemen (6)	705	28.6	14.1	50.9	5.1	1.2	28.6	27.3	29.5
Alberta, Canada	525	48.4	9.9	39.4	1.3	1.1	48.4	43.6	53.5
Ontario, Canada	654	46.2	11.2	36.5	2.1	3.9	46.2	40.0	51.8
Quebec, Canada	597	58.7	9.7	29.5	1.3	0.7	58.7	53.6	64.6
Abu Dhabi, UAE	586	54.1	13.3	29.9	2.4	0.4	54.1	52.9	55.3
Dubai, UAE	887	57.6	11.5	27.6	2.3	0.9	57.6	58.6	56.8
Florida, US	377	68.1	10.1	20.7	1.1	0.0	68.1	63.6	72.8
North Carolina, US	261	63.2	7.6	27.4	0.9	0.8	63.2	55.2	70.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_11A (S031390A): Life Science / Applying
Label: Animal extinction - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	6.5	23.5	7.5	1.1	3.6	13.0	32.6	12.3	38.5	39.4	37.5
Australia	880	12.0	36.5	5.6	0.0	10.5	26.9	6.2	2.4	54.1	51.9	56.2
Austria	674	12.8	36.2	19.9	0.5	5.7	13.6	10.4	0.9	69.3	68.4	70.2
Azerbaijan	698	5.8	33.2	5.6	1.8	4.6	11.0	27.6	10.4	46.4	49.5	43.9
Bahrain	583	6.0	27.7	5.4	2.5	7.6	38.1	11.7	1.0	41.6	42.5	40.7
Belgium (Flemish)	689	9.4	38.7	9.4	0.1	20.1	17.7	4.3	0.3	57.6	54.5	61.1
Chile	794	4.8	43.2	7.1	0.0	4.1	27.8	10.5	2.4	55.1	51.6	59.0
Chinese Taipei	611	28.8	31.7	16.2	0.0	11.8	5.7	5.8	0.0	76.8	77.4	76.1
Croatia	668	10.1	40.3	15.6	0.1	12.4	10.2	10.4	0.8	66.2	66.6	65.8
Czech Republic	651	8.9	35.1	16.0	0.3	10.0	22.9	6.3	0.6	60.2	60.2	60.3
Denmark	578	11.0	37.3	11.7	1.4	7.5	23.4	5.0	2.7	61.4	62.6	60.1
England	485	14.1	39.4	5.0	0.0	23.1	9.6	8.1	0.7	58.5	59.1	58.1
Finland	673	7.7	53.2	10.5	0.2	12.7	10.0	5.0	0.7	71.6	70.9	72.2
Georgia	673	14.9	36.1	5.9	2.1	1.7	21.4	13.3	4.8	58.9	56.5	61.4
Germany	565	13.4	31.1	14.1	0.3	18.2	13.4	7.5	2.0	58.9	58.4	59.3
Hong Kong SAR	555	7.8	48.1	3.5	1.7	12.2	21.9	4.5	0.3	61.2	59.7	62.5
Hungary	741	16.7	24.2	17.9	0.0	12.1	23.0	4.4	1.7	58.8	58.1	59.6
Iran, Islamic Rep. of	822	5.9	26.6	23.0	0.1	6.3	19.0	15.1	4.0	55.7	56.3	55.1
Ireland	648	5.8	45.1	5.5	0.3	17.9	15.5	8.7	1.2	56.7	52.7	60.7
Italy	597	16.5	50.2	9.3	0.3	6.0	9.4	6.7	1.6	76.3	74.3	78.5
Japan	626	22.2	17.1	5.3	0.0	33.1	17.6	4.5	0.1	44.7	44.8	44.5
Kazakhstan	625	18.1	23.1	8.5	5.3	1.8	27.4	12.1	3.7	55.0	53.3	56.6
Korea, Rep. of	619	15.5	43.5	25.7	0.6	8.8	5.3	0.6	0.0	85.3	83.5	87.0
Kuwait	578	7.8	17.6	9.1	1.0	2.3	37.5	19.9	4.8	35.5	38.0	32.8
Lithuania	670	6.8	42.5	15.6	2.2	8.1	19.0	5.0	0.8	67.1	72.8	61.8
Malta	517	6.1	22.9	1.9	0.4	6.1	41.2	20.4	1.0	31.4	27.4	35.0
Morocco	1097	1.4	8.1	4.3	0.3	0.1	41.0	34.2	10.6	14.1	14.1	14.0
Netherlands	459	17.3	40.9	11.1	1.5	9.6	17.1	1.5	1.1	70.8	68.3	73.1
New Zealand	786	5.9	44.1	4.2	0.7	17.6	20.4	6.1	1.0	55.0	51.8	57.8
Northern Ireland	505	13.7	40.1	3.8	0.0	23.2	10.4	7.9	0.8	57.6	55.0	60.7
Norway	463	4.4	42.7	3.7	0.6	28.6	10.9	7.4	1.6	51.5	47.6	55.8
Oman	1476	4.8	25.5	2.5	0.3	3.1	39.9	21.2	2.8	33.1	37.6	28.5
Poland	716	11.5	34.4	21.1	1.2	4.6	11.4	13.6	2.1	68.3	71.2	65.6
Portugal	573	6.0	47.7	7.3	0.1	3.8	29.0	5.2	0.8	61.2	66.1	56.1
Qatar	590	3.9	16.9	3.7	0.2	1.5	51.2	19.3	3.5	24.6	27.8	21.8
Romania	665	7.4	38.8	12.4	3.7	2.8	21.4	9.7	3.8	62.4	63.0	61.7
Russian Federation	630	13.8	40.7	16.0	0.4	4.2	19.0	5.3	0.8	70.8	71.4	70.2
Saudi Arabia	661	4.6	30.3	2.6	6.4	0.5	39.5	13.1	3.1	43.9	50.5	36.7
Serbia	630	11.7	29.0	19.0	1.8	3.7	19.1	11.3	4.4	61.5	57.6	65.5
Singapore	906	10.9	57.7	3.6	0.0	10.2	15.7	1.6	0.1	72.2	73.3	71.1
Slovak Republic	817	7.9	31.1	23.8	0.4	5.8	23.4	6.6	1.0	63.3	62.0	64.6
Slovenia	642	10.5	18.5	21.9	0.5	10.7	27.5	8.0	2.3	51.5	51.8	51.2
Spain	594	7.9	43.0	6.9	2.1	1.5	26.5	9.2	2.9	59.9	55.8	63.8
Sweden	666	7.6	50.4	14.6	1.1	11.8	7.5	5.3	1.7	73.7	71.5	75.7
Thailand	631	18.1	46.0	1.6	1.8	1.2	22.1	8.1	1.2	67.4	70.0	64.6
Tunisia	698	1.6	25.4	2.9	0.5	0.6	40.8	18.2	9.9	30.5	33.4	27.6
Turkey	1057	5.9	32.3	11.4	0.5	3.8	33.6	10.1	2.4	50.1	47.5	52.4
United Arab Emirates	2097	5.8	24.5	1.5	0.1	9.3	41.3	16.0	1.6	31.9	35.0	28.7
United States	1790	9.9	45.0	6.2	0.2	20.1	13.2	4.1	1.3	61.3	57.3	65.4
Yemen	1124	1.3	3.3	0.1	0.2	0.4	46.0	40.9	7.8	4.9	7.0	3.6
International Avg. (50)	37233	9.8	34.4	9.7	0.9	8.9	22.6	11.0	2.6	54.9	54.7	55.0
Botswana (6)	596	1.9	19.4	1.6	0.4	0.6	71.1	3.8	1.2	23.4	23.9	22.7
Honduras (6)	557	7.4	33.2	4.9	3.0	2.2	33.0	12.4	3.8	48.6	48.0	49.2
Yemen (6)	705	1.5	13.3	1.5	0.9	0.2	55.4	23.6	3.6	17.2	14.7	18.9
Alberta, Canada	526	7.4	42.8	11.0	1.5	5.4	25.4	4.8	1.7	62.7	62.0	63.4
Ontario, Canada	654	14.8	33.4	10.3	1.2	7.2	22.7	5.8	4.6	59.7	59.1	60.3
Quebec, Canada	597	4.3	54.1	9.3	0.7	6.2	18.8	5.5	1.0	68.5	67.3	69.9
Abu Dhabi, UAE	586	4.0	25.6	1.7	0.2	7.4	43.6	16.2	1.3	31.5	35.0	28.0
Dubai, UAE	887	9.0	26.7	1.9	0.1	12.6	32.2	15.5	2.0	37.7	40.0	35.6
Florida, US	377	9.4	48.2	6.1	0.3	18.8	13.4	3.6	0.3	63.9	61.7	66.3
North Carolina, US	261	10.4	43.2	4.8	0.0	22.8	12.6	5.0	1.3	58.4	53.0	63.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_11B (S031390B): Life Science / Applying
Label: Animal extinction - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	5.3	10.4	9.0	2.4	3.6	18.5	38.5	12.3	27.1	29.2	25.2
Australia	880	12.7	13.3	6.8	0.5	9.6	46.7	7.9	2.4	33.4	32.3	34.4
Austria	674	13.2	16.1	13.5	2.3	6.0	33.3	14.7	0.9	45.1	43.6	46.5
Azerbaijan	698	5.7	7.9	6.3	2.9	6.8	25.5	34.4	10.4	22.9	22.4	23.2
Bahrain	583	6.1	12.7	6.4	3.6	7.7	49.9	12.6	1.0	28.8	31.6	26.0
Belgium (Flemish)	689	9.1	15.4	11.1	0.0	19.5	39.2	5.4	0.3	35.5	30.5	41.3
Chile	794	5.8	10.1	7.8	0.0	7.4	53.8	12.6	2.4	23.8	20.6	27.2
Chinese Taipei	611	13.3	14.5	16.9	0.0	11.3	36.1	7.7	0.0	44.8	46.1	43.7
Croatia	668	7.1	16.2	12.2	0.7	13.5	32.6	16.8	0.8	36.3	36.1	36.5
Czech Republic	651	11.6	13.9	16.4	0.7	9.1	36.4	11.4	0.6	42.6	36.3	49.4
Denmark	578	13.3	18.4	14.1	2.4	10.4	30.3	8.4	2.7	48.3	49.6	46.8
England	485	15.2	14.4	5.9	0.0	23.7	31.6	8.5	0.7	35.5	38.9	32.5
Finland	673	10.9	14.5	18.6	1.4	16.0	28.4	9.4	0.7	45.5	42.9	48.0
Georgia	673	13.2	13.7	6.5	4.4	2.3	36.0	19.2	4.8	37.7	35.6	39.8
Germany	565	12.2	20.6	10.2	0.0	20.1	21.6	13.3	2.0	43.0	42.2	43.8
Hong Kong SAR	555	8.0	10.6	6.3	4.4	12.0	49.8	8.6	0.3	29.3	27.2	31.1
Hungary	739	12.5	15.7	15.1	0.1	11.2	35.0	8.7	1.7	43.4	40.7	46.5
Iran, Islamic Rep. of	822	8.2	14.0	12.0	0.9	9.5	33.2	18.2	4.0	35.1	33.4	36.8
Ireland	648	11.1	18.0	8.5	0.5	13.6	35.9	11.2	1.2	38.1	38.0	38.2
Italy	597	19.1	15.4	14.9	0.6	9.7	29.1	9.7	1.6	49.9	47.4	52.7
Japan	626	14.3	11.4	6.0	0.2	34.9	25.7	7.4	0.1	31.8	29.4	34.2
Kazakhstan	625	13.3	13.0	7.2	6.5	2.2	35.9	18.2	3.7	40.0	35.8	44.1
Korea, Rep. of	619	15.1	17.7	26.9	0.8	11.3	25.9	2.3	0.0	60.6	58.4	62.6
Kuwait	578	6.8	7.3	7.5	1.2	1.4	47.0	24.0	4.8	22.8	27.6	17.4
Lithuania	670	8.5	10.5	11.4	1.4	9.6	48.5	9.3	0.8	31.8	33.1	30.5
Malta	517	6.0	10.9	1.7	1.4	7.4	48.3	23.3	1.0	20.0	16.4	23.3
Morocco	1095	2.7	1.2	3.0	0.3	0.1	45.0	37.0	10.7	7.2	8.0	6.4
Netherlands	459	17.3	23.2	10.3	0.7	9.9	35.3	2.2	1.1	51.5	51.8	51.5
New Zealand	786	6.8	13.0	6.7	2.0	18.8	45.2	6.5	1.0	28.5	26.8	30.1
Northern Ireland	505	13.1	13.1	6.6	0.0	23.8	33.0	9.6	0.8	32.8	30.4	35.5
Norway	463	4.4	10.4	9.2	0.2	33.7	29.6	11.0	1.6	24.2	26.7	21.3
Oman	1476	5.3	5.0	2.4	1.1	4.8	53.8	24.8	2.8	13.8	15.5	12.1
Poland	716	8.3	18.4	14.0	4.4	11.7	23.8	17.3	2.1	45.2	41.1	48.7
Portugal	573	9.8	9.2	9.5	0.3	3.7	59.7	7.0	0.8	28.8	27.6	30.1
Qatar	590	5.2	6.8	3.7	0.2	1.4	57.5	21.7	3.5	15.8	16.8	15.0
Romania	665	7.4	17.2	13.9	4.9	5.7	35.1	12.1	3.8	43.4	40.3	46.3
Russian Federation	630	12.3	22.3	15.7	1.1	7.2	32.3	8.2	0.8	51.5	54.1	49.0
Saudi Arabia	661	7.4	8.6	2.9	9.3	0.4	49.9	18.3	3.1	28.3	33.2	23.0
Serbia	630	12.5	13.6	13.4	1.7	4.4	33.9	15.9	4.4	41.3	37.8	44.9
Singapore	906	12.5	12.8	8.2	0.9	11.3	51.9	2.4	0.1	34.3	31.7	37.0
Slovak Republic	817	9.2	15.8	18.7	1.0	5.5	37.8	10.9	1.0	44.8	42.5	47.1
Slovenia	642	7.8	14.4	16.4	1.5	9.8	36.2	11.6	2.3	40.1	40.1	40.1
Spain	594	9.8	14.5	8.9	3.2	1.6	46.2	12.8	2.9	36.5	36.7	36.3
Sweden	666	11.9	17.5	16.0	0.6	10.7	32.4	9.1	1.7	46.0	44.0	47.9
Thailand	631	18.3	17.0	4.1	4.4	1.2	44.3	9.4	1.2	43.9	40.8	47.4
Tunisia	698	4.7	4.6	2.5	1.6	0.2	53.3	23.2	9.9	13.4	12.9	14.0
Turkey	1057	5.9	11.6	8.8	0.6	5.3	50.0	15.4	2.4	26.9	25.0	28.6
United Arab Emirates	2097	5.5	8.9	3.9	0.1	7.7	52.7	19.5	1.6	18.5	19.4	17.6
United States	1790	13.1	11.4	10.5	1.0	26.0	32.2	4.7	1.3	35.9	33.9	37.9
Yemen	1124	0.4	0.8	0.6	0.1	0.3	46.4	43.7	7.8	1.9	1.9	1.9
International Avg. (50)	37229	9.8	13.0	9.8	1.6	9.9	39.0	14.3	2.6	34.1	33.3	35.0
Botswana (6)	596	2.3	4.7	1.5	1.5	1.6	82.8	4.5	1.2	9.9	11.6	8.0
Honduras (6)	557	6.6	19.9	6.0	3.2	1.7	39.8	18.9	3.8	35.7	34.9	36.6
Yemen (6)	705	2.8	5.5	0.8	1.0	0.3	56.8	29.3	3.6	10.1	8.3	11.3
Alberta, Canada	526	18.3	10.6	10.5	4.8	6.4	41.9	5.8	1.7	44.2	40.7	48.1
Ontario, Canada	654	12.2	11.7	14.2	5.1	5.3	40.2	6.7	4.6	43.1	45.4	41.0
Quebec, Canada	597	9.6	9.9	10.8	2.8	7.7	49.9	8.2	1.0	33.2	29.8	37.1
Abu Dhabi, UAE	586	4.9	9.0	4.6	0.2	5.5	55.8	18.8	1.3	18.7	20.6	16.7
Dubai, UAE	887	7.1	10.9	3.1	0.3	10.7	48.4	17.5	2.0	21.4	22.3	20.6
Florida, US	377	16.7	10.3	8.4	0.0	26.3	34.3	3.6	0.3	35.4	32.3	38.7
North Carolina, US	261	13.6	13.9	3.7	1.2	28.0	32.7	5.7	1.3	32.4	35.3	29.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S01_11Z (S031390Z): Life Science / Applying
Label: Animal extinction-DERIVED - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	22.6	20.4	15.2	29.5	12.3	43.0	22.6	24.2	21.1
Australia	880	26.0	35.4	30.5	5.7	2.4	61.4	26.0	24.7	27.3
Austria	674	37.9	38.5	12.6	10.0	0.9	76.5	37.9	34.9	40.8
Azerbaijan	698	19.3	30.6	12.6	27.0	10.4	49.9	19.3	19.2	19.5
Bahrain	583	23.1	24.2	40.3	11.3	1.0	47.3	23.1	24.8	21.3
Belgium (Flemish)	689	26.5	40.1	28.8	4.3	0.3	66.6	26.5	23.1	30.4
Chile	794	19.0	40.8	27.3	10.4	2.4	59.8	19.0	16.3	22.1
Chinese Taipei	611	38.2	45.1	10.9	5.8	0.0	83.4	38.2	39.2	37.4
Croatia	668	30.6	41.3	16.9	10.4	0.8	71.9	30.6	29.7	31.6
Czech Republic	651	33.0	36.7	23.4	6.3	0.6	69.8	33.0	28.6	37.8
Denmark	578	38.2	33.3	21.2	4.7	2.7	71.5	38.2	40.3	35.9
England	485	30.2	33.6	28.4	7.1	0.7	63.8	30.2	31.5	29.1
Finland	673	37.7	41.6	15.0	5.0	0.7	79.3	37.7	36.2	39.2
Georgia	673	32.5	31.6	19.7	11.4	4.8	64.1	32.5	29.9	35.1
Germany	565	32.8	36.3	21.4	7.5	2.0	69.1	32.8	31.2	34.3
Hong Kong SAR	555	20.5	49.6	25.2	4.5	0.3	70.0	20.5	17.2	23.3
Hungary	739	35.8	30.8	27.8	3.9	1.7	66.6	35.8	33.1	38.9
Iran, Islamic Rep. of	822	28.5	33.9	19.7	14.0	4.0	62.4	28.5	27.9	28.9
Ireland	648	31.5	31.8	26.8	8.7	1.2	63.3	31.5	29.0	34.0
Italy	597	44.0	38.1	9.9	6.4	1.6	82.2	44.0	40.9	47.5
Japan	626	15.6	45.2	34.5	4.5	0.1	60.8	15.6	13.5	17.7
Kazakhstan	625	33.8	27.4	23.4	11.7	3.7	61.2	33.8	29.4	38.0
Korea, Rep. of	619	54.5	36.8	8.0	0.6	0.0	91.3	54.5	51.2	57.6
Kuwait	578	19.1	20.2	38.6	17.3	4.8	39.3	19.1	22.7	15.0
Lithuania	670	27.0	45.0	22.3	5.0	0.8	71.9	27.0	29.7	24.5
Malta	517	16.2	19.0	43.8	20.0	1.0	35.2	16.2	12.0	20.0
Morocco	1094	6.0	9.3	41.1	33.0	10.7	15.3	6.0	6.7	5.4
Netherlands	459	41.0	40.3	16.1	1.5	1.1	81.3	41.0	41.1	41.1
New Zealand	786	22.8	37.9	32.9	5.4	1.0	60.7	22.8	20.8	24.6
Northern Ireland	505	25.6	39.2	26.8	7.6	0.8	64.8	25.6	22.2	29.5
Norway	463	13.0	49.6	28.5	7.2	1.6	62.7	13.0	13.4	12.7
Oman	1476	9.8	27.2	40.9	19.2	2.8	37.0	9.8	11.1	8.5
Poland	716	41.2	31.0	12.1	13.6	2.1	72.2	41.2	37.4	44.6
Portugal	573	25.0	40.1	29.0	5.2	0.8	65.0	25.0	23.8	26.1
Qatar	590	11.6	17.3	49.7	18.0	3.5	28.9	11.6	12.1	11.2
Romania	665	38.5	28.8	19.6	9.3	3.8	67.2	38.5	36.9	39.9
Russian Federation	630	44.2	33.8	15.9	5.3	0.8	78.1	44.2	45.5	43.1
Saudi Arabia	661	22.5	27.1	34.8	12.5	3.1	49.6	22.5	26.3	18.5
Serbia	630	36.3	30.1	18.2	11.0	4.4	66.5	36.3	32.5	40.3
Singapore	906	29.3	48.0	20.9	1.6	0.1	77.3	29.3	27.7	30.9
Slovak Republic	817	37.0	34.0	22.1	5.8	1.0	71.0	37.0	34.9	39.2
Slovenia	642	28.3	34.9	27.3	7.1	2.3	63.3	28.3	28.0	28.6
Spain	594	28.9	38.5	20.4	9.2	2.9	67.5	28.9	28.4	29.4
Sweden	666	40.5	38.7	13.8	5.3	1.7	79.2	40.5	37.3	43.5
Thailand	631	40.0	31.2	19.6	7.9	1.2	71.3	40.0	38.3	41.9
Tunisia	698	10.6	22.6	39.4	17.4	9.9	33.3	10.6	11.1	10.2
Turkey	1057	22.5	32.1	33.2	9.9	2.4	54.5	22.5	21.0	23.8
United Arab Emirates	2097	14.1	22.1	47.5	14.7	1.6	36.2	14.1	14.9	13.4
United States	1790	28.8	39.7	26.2	4.1	1.3	68.5	28.8	25.0	32.6
Yemen	1124	1.1	4.7	52.4	34.1	7.8	5.8	1.1	0.8	1.3
International Avg. (50)	37228	27.9	33.3	25.9	10.4	2.6	61.2	27.9	26.8	29.0
Botswana (6)	596	7.4	18.5	69.4	3.6	1.2	25.9	7.4	9.0	5.5
Honduras (6)	557	30.3	23.6	30.9	11.3	3.8	53.9	30.3	27.7	33.1
Yemen (6)	705	6.8	13.6	53.9	22.2	3.6	20.4	6.8	7.0	6.7
Alberta, Canada	526	38.3	30.3	25.0	4.7	1.7	68.6	38.3	34.8	42.1
Ontario, Canada	654	35.8	31.3	22.5	5.8	4.6	67.1	35.8	36.3	35.3
Quebec, Canada	597	28.4	44.9	20.6	5.1	1.0	73.3	28.4	25.7	31.5
Abu Dhabi, UAE	586	14.5	21.2	49.1	13.9	1.3	35.7	14.5	16.0	13.0
Dubai, UAE	887	16.7	25.6	40.8	14.8	2.0	42.4	16.7	18.2	15.4
Florida, US	377	29.4	40.7	26.1	3.6	0.3	70.0	29.4	25.9	32.9
North Carolina, US	261	24.1	42.7	27.0	5.0	1.3	66.7	24.1	23.6	24.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_01 (S051057): Life Science / Knowing

Label: Write body part beside function - Points: 1

COUNTRY	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	21.1	2.3	43.3	13.6	18.0	1.8	21.1	19.8	22.2
Australia	870	69.0	0.8	24.0	3.0	3.0	0.2	69.0	69.6	68.3
Austria	675	69.5	1.8	19.3	4.3	5.1	0.0	69.5	66.9	72.4
Azerbaijan	686	45.8	8.9	12.3	7.0	25.7	0.3	45.8	44.5	47.0
Bahrain	583	23.8	16.4	23.1	30.7	5.9	0.1	23.8	22.0	25.7
Belgium (Flemish)	694	54.4	1.5	40.6	2.4	1.2	0.0	54.4	48.0	61.6
Chile	793	50.5	6.6	26.5	10.9	5.5	0.1	50.5	45.0	56.6
Chinese Taipei	612	15.0	18.4	18.5	44.8	3.2	0.0	15.0	13.8	16.2
Croatia	665	64.0	1.5	28.5	4.3	1.7	0.0	64.0	62.1	66.0
Czech Republic	653	80.6	0.8	14.9	2.5	1.2	0.0	80.6	76.5	84.6
Denmark	582	72.1	1.9	12.1	9.9	4.1	0.0	72.1	73.2	70.9
England	488	80.2	1.8	15.6	1.2	1.1	0.0	80.2	81.6	79.0
Finland	668	90.7	1.1	6.4	1.0	0.7	0.0	90.7	87.3	93.9
Georgia	683	29.1	1.7	47.5	10.5	11.0	0.2	29.1	30.8	27.2
Germany	568	68.3	1.7	23.0	4.7	2.0	0.3	68.3	66.5	70.0
Hong Kong SAR	563	54.0	2.0	39.6	2.9	1.5	0.0	54.0	46.7	60.4
Hungary	748	74.3	3.4	16.4	4.0	1.8	0.0	74.3	73.5	75.1
Iran, Islamic Rep. of	828	29.1	8.7	27.8	23.0	11.5	0.0	29.1	28.3	29.9
Ireland	648	70.1	3.0	18.2	4.6	4.1	0.0	70.1	69.1	71.3
Italy	600	56.5	4.4	31.6	5.3	2.2	0.0	56.5	51.7	61.2
Japan	634	26.2	4.1	59.6	8.5	1.5	0.0	26.2	21.1	31.5
Kazakhstan	632	36.7	5.0	43.1	9.9	5.2	0.2	36.7	37.3	36.1
Korea, Rep. of	620	23.4	1.1	64.5	9.1	1.9	0.0	23.4	20.3	26.1
Kuwait	592	9.1	37.1	4.4	32.1	16.6	0.7	9.1	7.5	10.8
Lithuania	669	34.6	6.2	46.3	11.2	1.7	0.0	34.6	34.4	34.9
Malta	511	50.2	4.7	20.9	17.0	7.2	0.0	50.2	47.1	53.3
Morocco	1070	4.5	12.3	2.9	50.1	27.6	2.7	4.5	5.9	3.2
Netherlands	460	60.2	0.4	37.2	1.4	0.8	0.0	60.2	58.8	61.7
New Zealand	785	69.8	0.5	23.8	3.8	2.0	0.0	69.8	67.2	72.4
Northern Ireland	513	78.2	1.7	16.6	2.8	0.8	0.0	78.2	78.8	77.4
Norway	462	79.7	3.1	12.1	1.8	3.3	0.0	79.7	79.7	79.7
Oman	1479	8.1	19.0	5.7	52.1	14.7	0.3	8.1	7.6	8.7
Poland	718	45.4	1.9	39.9	8.2	4.4	0.1	45.4	38.1	51.6
Portugal	574	68.7	2.5	22.0	5.2	1.6	0.0	68.7	67.6	69.8
Qatar	569	34.8	12.8	16.0	24.4	11.8	0.2	34.8	36.2	33.4
Romania	663	63.9	4.3	15.9	9.2	6.4	0.3	63.9	59.7	68.0
Russian Federation	633	57.7	1.4	36.1	2.7	2.2	0.0	57.7	56.3	59.2
Saudi Arabia	666	6.6	35.3	6.1	40.9	11.1	0.0	6.6	4.4	9.1
Serbia	627	49.1	1.8	35.7	7.9	5.5	0.0	49.1	42.7	55.2
Singapore	912	66.5	0.7	21.4	10.6	0.8	0.0	66.5	63.9	68.8
Slovak Republic	805	73.5	1.8	17.6	5.1	2.1	0.0	73.5	69.4	77.3
Slovenia	632	73.5	1.6	21.2	2.0	1.8	0.0	73.5	67.5	78.8
Spain	593	75.2	2.8	17.1	3.1	1.3	0.5	75.2	74.9	75.6
Sweden	666	82.6	0.4	13.1	1.4	2.3	0.2	82.6	83.6	81.4
Thailand	639	25.9	0.2	55.5	8.8	9.7	0.0	25.9	24.6	27.4
Tunisia	696	9.7	15.0	18.0	47.8	8.9	0.6	9.7	9.6	9.9
Turkey	1064	66.8	15.5	5.5	7.8	4.3	0.0	66.8	66.0	67.6
United Arab Emirates	2111	36.7	16.1	18.3	20.5	8.2	0.3	36.7	37.3	36.0
United States	1790	64.9	1.2	29.1	2.3	2.4	0.0	64.9	66.4	63.2
Yemen	1130	2.1	17.3	0.5	54.4	24.9	0.8	2.1	2.1	2.1
International Avg. (50)	37262	50.0	6.3	24.3	13.1	6.1	0.2	50.0	48.3	51.8
Botswana (6)	591	22.3	5.5	18.3	49.1	4.8	0.0	22.3	24.8	19.6
Honduras (6)	569	30.0	6.5	28.4	24.7	10.2	0.3	30.0	29.6	30.4
Yemen (6)	703	5.4	31.8	3.2	41.7	17.9	0.0	5.4	6.1	4.9
Alberta, Canada	516	70.0	0.8	25.1	2.0	2.1	0.0	70.0	70.6	69.3
Ontario, Canada	669	70.3	1.0	22.6	3.8	2.1	0.1	70.3	72.9	67.8
Quebec, Canada	591	63.1	1.2	31.8	3.3	0.6	0.0	63.1	53.4	72.2
Abu Dhabi, UAE	594	30.4	20.3	16.5	23.7	9.1	0.0	30.4	33.9	27.0
Dubai, UAE	884	54.1	4.9	21.4	13.4	6.1	0.1	54.1	52.8	55.3
Florida, US	377	65.9	0.9	28.0	2.3	3.0	0.0	65.9	67.8	63.8
North Carolina, US	260	61.6	1.2	31.4	3.2	2.7	0.0	61.6	58.6	64.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_02 (S051032): Life Science / Applying
Label: Hedgehog rolling into ball - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	34.1	28.7	2.9	27.1	34.1	5.3	1.9	32.8	35.3
Australia	870	49.0	19.6	4.6	25.6	49.0	0.9	0.2	43.7	55.1
Austria	675	60.7	12.8	2.2	21.9	60.7	2.3	0.0	57.4	64.4
Azerbaijan	686	56.0	25.3	7.1	6.9	56.0	4.4	0.3	56.1	55.9
Bahrain	583	30.3	26.6	9.0	32.8	30.3	1.1	0.1	28.8	31.9
Belgium (Flemish)	694	43.5	15.7	3.5	36.0	43.5	1.3	0.0	41.0	46.3
Chile	793	34.5	27.8	9.0	27.5	34.5	1.0	0.2	33.3	35.9
Chinese Taipei	612	48.5	19.0	6.8	24.6	48.5	1.1	0.0	48.4	48.6
Croatia	665	65.7	10.0	3.6	19.0	65.7	1.6	0.0	64.5	67.1
Czech Republic	653	70.7	12.3	3.1	12.2	70.7	1.7	0.0	68.2	73.1
Denmark	582	73.7	4.6	4.4	14.3	73.7	2.9	0.0	72.7	74.8
England	488	57.6	14.8	2.3	24.4	57.6	0.8	0.0	60.9	54.6
Finland	668	71.9	5.9	5.0	16.3	71.9	1.0	0.0	67.0	76.3
Georgia	683	44.7	24.3	5.0	24.1	44.7	1.7	0.2	41.9	47.9
Germany	568	65.9	9.6	2.9	19.2	65.9	2.1	0.3	62.1	69.5
Hong Kong SAR	563	50.8	26.8	4.4	16.7	50.8	1.3	0.0	48.7	52.6
Hungary	748	68.6	5.9	5.6	17.4	68.6	2.2	0.3	63.8	73.7
Iran, Islamic Rep. of	828	45.4	20.3	10.6	19.7	45.4	4.0	0.0	47.4	43.3
Ireland	648	51.0	16.2	5.2	26.5	51.0	1.1	0.0	46.5	56.0
Italy	601	48.8	14.5	12.9	22.8	48.8	0.8	0.2	44.1	53.4
Japan	634	56.8	4.7	12.7	24.8	56.8	1.0	0.0	51.4	62.4
Kazakhstan	632	59.3	16.4	3.4	19.4	59.3	1.4	0.2	55.5	62.7
Korea, Rep. of	620	58.1	5.9	7.0	28.5	58.1	0.5	0.0	58.2	58.0
Kuwait	588	18.7	23.8	11.9	39.7	18.7	5.1	0.7	18.4	19.1
Lithuania	668	64.0	7.9	1.0	25.2	64.0	2.0	0.0	62.7	65.3
Malta	511	37.0	33.9	7.6	19.7	37.0	1.8	0.0	33.3	40.6
Morocco	1042	23.8	22.0	13.7	29.8	23.8	7.9	2.9	21.5	26.0
Netherlands	460	54.4	10.3	3.3	31.1	54.4	0.8	0.0	48.4	61.0
New Zealand	785	51.0	16.8	6.5	23.7	51.0	1.9	0.1	45.9	56.1
Northern Ireland	513	58.3	14.0	3.1	24.0	58.3	0.6	0.0	51.6	66.2
Norway	462	42.5	13.3	5.9	36.1	42.5	2.2	0.0	39.6	46.0
Oman	1479	18.0	36.0	11.0	31.5	18.0	3.2	0.3	16.6	19.5
Poland	718	73.1	5.0	0.6	20.3	73.1	1.0	0.1	67.2	78.0
Portugal	574	49.6	12.2	3.3	33.6	49.6	1.2	0.0	41.5	57.6
Qatar	569	26.9	31.3	10.9	25.8	26.9	4.9	0.2	25.5	28.3
Romania	662	46.6	16.8	4.3	26.6	46.6	4.9	0.8	42.0	51.0
Russian Federation	633	76.3	11.3	1.0	10.1	76.3	1.2	0.0	72.7	80.3
Saudi Arabia	665	30.0	18.1	9.7	40.7	30.0	1.5	0.0	28.8	31.4
Serbia	627	65.0	12.5	3.3	16.8	65.0	2.3	0.0	56.6	72.8
Singapore	912	50.2	28.2	4.5	16.4	50.2	0.7	0.0	46.1	54.1
Slovak Republic	805	65.0	15.2	2.3	17.0	65.0	0.4	0.0	64.6	65.5
Slovenia	632	72.7	8.7	1.3	16.7	72.7	0.6	0.0	67.5	77.4
Spain	593	68.4	10.5	2.7	16.5	68.4	1.4	0.5	62.5	74.8
Sweden	666	54.2	10.7	5.8	26.3	54.2	2.7	0.2	52.7	55.8
Thailand	639	42.7	22.3	11.1	22.3	42.7	1.4	0.1	39.8	45.9
Tunisia	667	23.5	24.5	9.8	29.2	23.5	12.5	0.5	20.8	25.9
Turkey	1065	56.0	20.0	4.2	18.4	56.0	1.4	0.0	48.5	63.6
United Arab Emirates	2111	26.8	28.9	9.4	31.4	26.8	3.1	0.3	24.4	29.1
United States	1790	50.4	19.4	4.5	23.7	50.4	1.9	0.0	48.4	52.5
Yemen	1136	22.0	20.5	17.5	31.2	22.0	8.0	0.7	21.0	22.6
International Avg. (50)	37206	50.3	17.2	6.1	23.8	50.3	2.4	0.2	47.3	53.3
Botswana (6)	591	22.5	42.2	10.8	23.4	22.5	1.1	0.0	24.4	20.3
Honduras (6)	569	18.6	27.0	8.1	41.0	18.6	5.1	0.3	12.4	26.0
Yemen (6)	705	27.8	21.8	8.7	36.9	27.8	4.8	0.0	28.0	27.7
Alberta, Canada	516	54.1	15.4	5.0	24.7	54.1	0.8	0.0	46.5	62.5
Ontario, Canada	669	47.4	20.1	5.2	26.6	47.4	0.5	0.1	45.3	49.4
Quebec, Canada	591	59.1	11.9	6.4	21.2	59.1	1.4	0.0	52.9	64.9
Abu Dhabi, UAE	594	25.6	28.4	10.4	32.3	25.6	3.3	0.0	22.8	28.3
Dubai, UAE	884	34.8	29.4	7.4	25.0	34.8	3.3	0.1	33.5	36.1
Florida, US	377	53.2	26.2	3.7	16.1	53.2	0.8	0.0	51.7	54.8
North Carolina, US	260	48.8	18.5	4.2	27.3	48.8	1.2	0.0	49.3	48.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_03B (S051049B): Life Science / Applying
Label: 2: Animals with backbones - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	65.7	12.6	65.7	19.8	1.9	69.7	62.4
Australia	870	83.1	14.0	83.1	2.7	0.2	81.1	85.3
Austria	675	83.6	11.6	83.6	4.8	0.0	82.0	85.3
Azerbaijan	685	61.8	7.8	61.8	30.1	0.3	64.0	59.7
Bahrain	583	78.2	15.1	78.2	6.6	0.1	80.2	76.0
Belgium (Flemish)	694	72.7	24.3	72.7	3.0	0.0	69.9	75.8
Chile	793	81.9	13.3	81.9	4.5	0.2	80.6	83.5
Chinese Taipei	612	84.5	14.8	84.5	0.7	0.0	81.7	87.1
Croatia	665	85.9	10.6	85.9	3.5	0.0	85.1	86.8
Czech Republic	653	89.2	8.1	89.2	2.6	0.0	88.0	90.4
Denmark	582	78.2	11.3	78.2	10.3	0.2	77.7	78.8
England	488	82.1	14.7	82.1	3.2	0.0	81.1	83.1
Finland	668	90.2	8.3	90.2	1.5	0.0	88.3	91.9
Georgia	691	71.2	10.9	71.2	17.7	0.2	69.9	72.6
Germany	568	89.0	8.7	89.0	2.0	0.3	88.3	89.6
Hong Kong SAR	563	77.2	21.7	77.2	1.1	0.0	74.9	79.2
Hungary	748	85.1	9.8	85.1	4.8	0.3	84.7	85.5
Iran, Islamic Rep. of	828	70.8	14.5	70.8	14.7	0.0	68.7	72.9
Ireland	648	79.5	18.7	79.5	1.8	0.0	79.3	79.7
Italy	601	88.5	8.9	88.5	2.4	0.2	88.6	88.4
Japan	634	92.1	6.2	92.1	1.7	0.0	90.6	93.7
Kazakhstan	632	67.8	7.8	67.8	24.2	0.2	69.5	66.2
Korea, Rep. of	620	87.8	11.2	87.8	1.0	0.0	81.5	93.4
Kuwait	581	63.2	16.7	63.2	19.2	0.9	66.5	59.4
Lithuania	669	78.1	19.6	78.1	2.3	0.0	80.5	75.8
Malta	511	81.0	15.7	81.0	3.3	0.0	80.0	82.1
Morocco	1022	51.1	21.3	51.1	24.7	2.9	52.9	49.3
Netherlands	460	82.6	14.5	82.6	2.9	0.0	84.4	80.6
New Zealand	785	79.9	15.7	79.9	4.3	0.1	80.0	79.9
Northern Ireland	513	84.1	13.6	84.1	2.4	0.0	82.4	86.0
Norway	462	83.9	12.9	83.9	3.2	0.0	83.5	84.4
Oman	1479	66.7	18.5	66.7	14.5	0.3	68.4	64.9
Poland	718	85.2	11.2	85.2	3.5	0.1	84.9	85.5
Portugal	574	88.7	9.7	88.7	1.6	0.0	88.1	89.3
Qatar	569	66.2	19.6	66.2	14.0	0.2	70.7	61.9
Romania	661	72.6	7.5	72.6	18.8	1.2	72.4	72.8
Russian Federation	633	85.3	7.3	85.3	7.5	0.0	90.1	79.8
Saudi Arabia	666	75.2	15.6	75.2	9.2	0.0	78.6	71.4
Serbia	627	84.5	11.5	84.5	4.0	0.0	79.9	88.8
Singapore	912	79.2	19.9	79.2	0.9	0.0	75.9	82.2
Slovak Republic	805	86.6	10.0	86.6	3.4	0.0	84.5	88.6
Slovenia	631	80.2	18.7	80.2	1.1	0.0	81.2	79.4
Spain	593	89.5	7.7	89.5	2.3	0.5	91.5	87.4
Sweden	666	86.3	9.6	86.3	3.9	0.2	86.9	85.6
Thailand	639	75.5	16.5	75.5	7.9	0.1	71.7	79.7
Tunisia	686	55.3	17.8	55.3	26.2	0.8	52.8	57.7
Turkey	1064	67.4	23.2	67.4	9.3	0.0	66.9	68.0
United Arab Emirates	2111	71.2	20.9	71.2	7.6	0.3	70.6	71.7
United States	1790	88.2	10.1	88.2	1.7	0.0	87.9	88.5
Yemen	1136	38.2	16.4	38.2	44.7	0.7	45.4	33.5
International Avg. (50)	37204	77.8	13.7	77.8	8.2	0.3	77.7	78.0
Botswana (6)	591	78.0	12.5	78.0	9.5	0.0	82.5	73.0
Honduras (6)	569	76.2	7.6	76.2	16.0	0.3	74.4	78.3
Yemen (6)	705	53.9	16.3	53.9	29.8	0.0	54.9	53.2
Alberta, Canada	516	87.4	10.5	87.4	2.1	0.0	85.7	89.3
Ontario, Canada	669	84.3	13.5	84.3	2.1	0.1	85.2	83.3
Quebec, Canada	591	84.4	12.1	84.4	3.5	0.0	82.2	86.5
Abu Dhabi, UAE	594	75.1	15.8	75.1	9.1	0.0	73.3	76.8
Dubai, UAE	884	69.0	25.3	69.0	5.6	0.1	67.4	70.4
Florida, US	377	86.1	12.0	86.1	2.0	0.0	86.8	85.3
North Carolina, US	260	81.2	15.9	81.2	3.0	0.0	82.0	80.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_03C (S051049C): Life Science / Applying
Label: 3: Animals with backbones - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	48.7	29.9	48.7	19.6	1.9	50.3	47.3
Australia	870	64.7	32.9	64.7	2.2	0.2	63.9	65.6
Austria	675	75.7	20.0	75.7	4.3	0.0	76.1	75.4
Azerbaijan	685	43.7	28.1	43.7	27.9	0.3	44.1	43.3
Bahrain	583	64.9	28.6	64.9	6.4	0.1	66.1	63.5
Belgium (Flemish)	694	57.1	39.6	57.1	3.3	0.0	56.4	57.9
Chile	793	67.6	28.2	67.6	4.0	0.2	63.8	72.0
Chinese Taipei	612	64.9	34.4	64.9	0.7	0.0	63.1	66.6
Croatia	665	70.9	25.9	70.9	3.2	0.0	69.4	72.5
Czech Republic	653	75.4	22.2	75.4	2.4	0.0	75.1	75.7
Denmark	582	64.4	24.9	64.4	10.5	0.2	63.7	65.1
England	488	61.8	34.8	61.8	3.4	0.0	64.8	59.0
Finland	668	72.5	25.2	72.5	2.3	0.0	67.8	76.8
Georgia	691	53.4	30.2	53.4	16.2	0.2	51.6	55.4
Germany	568	78.2	19.5	78.2	2.0	0.3	78.0	78.4
Hong Kong SAR	563	64.1	34.8	64.1	1.1	0.0	60.0	67.6
Hungary	748	71.7	23.1	71.7	4.9	0.3	72.1	71.2
Iran, Islamic Rep. of	828	49.8	36.7	49.8	13.5	0.0	50.0	49.7
Ireland	648	58.0	40.2	58.0	1.8	0.0	57.1	58.9
Italy	601	75.8	21.4	75.8	2.6	0.2	76.9	74.6
Japan	634	73.9	24.6	73.9	1.6	0.0	71.5	76.3
Kazakhstan	632	59.1	15.9	59.1	24.8	0.2	61.7	56.6
Korea, Rep. of	620	59.1	40.2	59.1	0.7	0.0	58.0	60.1
Kuwait	581	52.6	27.3	52.6	19.2	0.9	53.9	51.2
Lithuania	669	67.2	30.2	67.2	2.6	0.0	66.8	67.5
Malta	511	55.0	42.2	55.0	2.7	0.0	53.6	56.5
Morocco	1029	47.3	25.5	47.3	24.3	2.9	45.2	49.3
Netherlands	460	52.9	44.2	52.9	2.9	0.0	49.0	57.2
New Zealand	785	58.4	37.3	58.4	4.2	0.1	56.6	60.2
Northern Ireland	513	62.1	35.9	62.1	2.0	0.0	61.7	62.5
Norway	462	64.7	31.8	64.7	3.5	0.0	62.3	67.6
Oman	1479	50.7	34.6	50.7	14.5	0.3	51.8	49.6
Poland	718	66.3	30.3	66.3	3.3	0.1	62.7	69.4
Portugal	574	71.5	27.1	71.5	1.5	0.0	74.2	68.8
Qatar	569	43.2	43.6	43.2	13.1	0.2	48.0	38.5
Romania	661	60.4	20.0	60.4	18.5	1.2	61.7	59.0
Russian Federation	633	72.4	20.2	72.4	7.4	0.0	77.6	66.7
Saudi Arabia	666	62.3	27.3	62.3	10.4	0.0	64.9	59.4
Serbia	627	57.1	37.4	57.1	5.5	0.0	54.4	59.7
Singapore	912	70.3	29.0	70.3	0.7	0.0	66.5	73.8
Slovak Republic	805	62.5	33.1	62.5	4.4	0.0	59.9	65.1
Slovenia	632	67.3	31.9	67.3	0.8	0.0	67.1	67.4
Spain	593	75.9	21.3	75.9	2.2	0.5	74.7	77.3
Sweden	666	75.1	20.6	75.1	4.1	0.2	73.3	77.1
Thailand	639	64.8	27.5	64.8	7.6	0.1	60.2	69.9
Tunisia	686	45.1	26.9	45.1	27.3	0.8	43.0	47.1
Turkey	1064	52.6	38.6	52.6	8.8	0.0	50.6	54.6
United Arab Emirates	2111	56.4	36.0	56.4	7.3	0.3	56.7	56.1
United States	1790	61.4	36.6	61.4	2.0	0.0	58.1	65.0
Yemen	1136	33.3	16.9	33.3	49.0	0.7	39.5	29.4
International Avg. (50)	37212	61.7	29.9	61.7	8.2	0.3	61.1	62.3
Botswana (6)	591	74.5	15.8	74.5	9.7	0.0	78.0	70.6
Honduras (6)	569	62.3	22.4	62.3	15.0	0.3	61.3	63.5
Yemen (6)	705	50.3	17.6	50.3	32.0	0.0	51.3	49.6
Alberta, Canada	516	65.2	33.1	65.2	1.7	0.0	63.3	67.3
Ontario, Canada	669	61.0	36.6	61.0	2.3	0.1	59.2	62.7
Quebec, Canada	591	72.0	23.7	72.0	4.3	0.0	72.3	71.8
Abu Dhabi, UAE	594	57.8	34.1	57.8	8.1	0.0	57.6	58.0
Dubai, UAE	884	55.5	39.4	55.5	5.1	0.1	56.6	54.5
Florida, US	377	66.2	31.7	66.2	2.1	0.0	66.1	66.2
North Carolina, US	260	59.1	38.7	59.1	2.2	0.0	54.8	63.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_03D (S051049D): Life Science / Applying
Label: 4: Animals with backbones - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	63.7	63.7	19.6	14.8	1.9	66.9	60.9
Australia	870	66.1	66.1	32.0	1.7	0.2	65.8	66.4
Austria	675	60.0	60.0	37.5	2.5	0.0	58.8	61.3
Azerbaijan	685	70.0	70.0	11.7	18.0	0.3	71.7	68.4
Bahrain	583	74.3	74.3	19.5	6.0	0.1	76.5	72.0
Belgium (Flemish)	694	56.8	56.8	40.1	3.1	0.0	54.2	59.9
Chile	793	67.2	67.2	28.8	3.7	0.2	62.9	72.0
Chinese Taipei	612	46.3	46.3	53.1	0.5	0.0	44.1	48.5
Croatia	665	72.4	72.4	25.1	2.5	0.0	71.2	73.8
Czech Republic	653	71.4	71.4	27.1	1.4	0.0	68.9	73.9
Denmark	582	52.6	52.6	39.7	7.5	0.2	54.5	50.5
England	488	51.8	51.8	45.1	3.2	0.0	53.2	50.5
Finland	668	60.8	60.8	37.5	1.7	0.0	54.6	66.4
Georgia	691	70.0	70.0	19.0	10.8	0.2	68.5	71.7
Germany	568	57.8	57.8	40.5	1.4	0.3	59.9	55.8
Hong Kong SAR	563	52.1	52.1	46.7	1.3	0.0	49.5	54.3
Hungary	748	72.7	72.7	23.3	3.7	0.3	69.9	75.7
Iran, Islamic Rep. of	828	81.3	81.3	10.7	8.0	0.0	81.4	81.2
Ireland	648	54.2	54.2	44.0	1.8	0.0	54.5	53.8
Italy	601	76.6	76.6	21.2	1.9	0.2	77.7	75.5
Japan	634	82.9	82.9	16.8	0.3	0.0	83.0	82.8
Kazakhstan	632	60.9	60.9	19.0	19.9	0.2	63.4	58.5
Korea, Rep. of	620	61.0	61.0	37.9	1.1	0.0	58.8	63.0
Kuwait	581	60.0	60.0	23.4	15.7	0.9	63.6	56.1
Lithuania	669	57.9	57.9	40.0	2.1	0.0	54.1	61.6
Malta	511	59.5	59.5	37.4	3.1	0.0	58.3	60.8
Morocco	1040	60.4	60.4	18.2	18.3	3.0	61.9	59.0
Netherlands	460	53.8	53.8	43.1	3.1	0.0	47.6	60.6
New Zealand	785	56.7	56.7	40.2	3.0	0.1	54.8	58.7
Northern Ireland	513	49.9	49.9	48.4	1.7	0.0	44.5	56.2
Norway	462	59.1	59.1	38.3	2.5	0.0	59.2	59.0
Oman	1479	62.4	62.4	25.9	11.4	0.3	63.1	61.8
Poland	718	57.3	57.3	39.4	3.2	0.1	52.5	61.4
Portugal	574	56.9	56.9	42.2	0.9	0.0	56.0	57.8
Qatar	569	52.0	52.0	35.0	12.8	0.2	51.9	52.1
Romania	662	73.9	73.9	15.8	9.1	1.2	73.8	74.1
Russian Federation	633	74.5	74.5	22.2	3.3	0.0	74.4	74.6
Saudi Arabia	662	72.2	72.2	22.1	5.7	0.0	78.3	65.5
Serbia	627	63.7	63.7	33.4	3.0	0.0	63.9	63.4
Singapore	912	55.7	55.7	43.8	0.5	0.0	57.2	54.3
Slovak Republic	805	81.3	81.3	16.6	2.2	0.0	83.6	79.0
Slovenia	630	67.1	67.1	32.0	1.0	0.0	60.8	72.7
Spain	593	64.3	64.3	33.1	2.1	0.5	64.9	63.6
Sweden	666	68.7	68.7	29.6	1.6	0.2	66.5	70.9
Thailand	639	63.5	63.5	28.3	8.0	0.1	58.1	69.5
Tunisia	686	45.9	45.9	28.1	25.2	0.8	47.6	44.4
Turkey	1065	59.0	59.0	33.1	7.8	0.0	61.1	57.0
United Arab Emirates	2111	55.9	55.9	36.9	6.9	0.3	55.0	56.8
United States	1790	52.0	52.0	46.4	1.6	0.0	51.1	52.9
Yemen	1136	41.6	41.6	16.7	41.0	0.7	49.3	36.6
International Avg. (50)	37219	62.2	62.2	31.3	6.3	0.3	61.7	62.7
Botswana (6)	591	77.5	77.5	14.0	8.5	0.0	78.4	76.5
Honduras (6)	569	67.0	67.0	22.0	10.8	0.3	62.1	72.9
Yemen (6)	705	63.3	63.3	17.0	19.7	0.0	64.7	62.3
Alberta, Canada	516	54.9	54.9	42.8	2.3	0.0	50.7	59.5
Ontario, Canada	669	50.0	50.0	48.1	1.7	0.1	48.8	51.1
Quebec, Canada	591	60.7	60.7	36.8	2.5	0.0	55.2	65.9
Abu Dhabi, UAE	594	59.0	59.0	33.1	7.9	0.0	57.8	60.1
Dubai, UAE	884	50.1	50.1	44.7	5.1	0.1	47.9	52.1
Florida, US	377	50.6	50.6	47.0	2.4	0.0	52.5	48.5
North Carolina, US	260	45.5	45.5	51.9	2.7	0.0	42.3	48.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_03E (S051049E): Life Science / Applying
Label: 5: Animals with backbones - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	88.1	88.1	3.1	6.9	1.9	90.6	86.0
Australia	870	94.8	94.8	3.5	1.4	0.2	96.4	93.1
Austria	675	97.3	97.3	1.9	0.7	0.0	97.8	96.9
Azerbaijan	685	83.8	83.8	3.0	12.9	0.3	84.6	83.1
Bahrain	583	90.4	90.4	6.1	3.4	0.1	93.4	87.3
Belgium (Flemish)	694	79.9	79.9	17.1	3.0	0.0	80.0	79.8
Chile	793	93.1	93.1	3.7	2.9	0.2	93.7	92.5
Chinese Taipei	612	93.7	93.7	5.6	0.7	0.0	95.0	92.4
Croatia	665	98.6	98.6	0.8	0.6	0.0	98.4	98.9
Czech Republic	653	97.8	97.8	1.5	0.8	0.0	98.4	97.1
Denmark	582	95.2	95.2	1.3	3.3	0.2	95.6	94.8
England	488	96.5	96.5	1.9	1.7	0.0	97.0	95.9
Finland	668	98.9	98.9	0.7	0.4	0.0	98.6	99.2
Georgia	691	90.6	90.6	2.6	6.6	0.2	91.5	89.6
Germany	568	98.4	98.4	0.8	0.5	0.3	98.4	98.4
Hong Kong SAR	563	96.5	96.5	2.6	0.9	0.0	96.4	96.6
Hungary	748	95.7	95.7	2.7	1.2	0.3	95.4	96.1
Iran, Islamic Rep. of	828	88.3	88.3	5.7	6.0	0.0	85.6	91.0
Ireland	648	94.2	94.2	4.5	1.4	0.0	93.8	94.7
Italy	601	96.6	96.6	2.2	1.0	0.2	97.1	96.2
Japan	634	99.2	99.2	0.7	0.2	0.0	99.2	99.1
Kazakhstan	632	90.4	90.4	2.7	6.7	0.2	90.1	90.6
Korea, Rep. of	620	97.8	97.8	1.7	0.5	0.0	98.7	97.0
Kuwait	582	74.3	74.3	9.5	15.4	0.9	77.2	71.0
Lithuania	669	98.3	98.3	1.0	0.6	0.0	99.2	97.5
Malta	511	89.1	89.1	8.8	2.1	0.0	88.8	89.4
Morocco	1035	68.5	68.5	11.9	16.5	3.1	67.8	69.2
Netherlands	460	82.3	82.3	15.2	2.5	0.0	85.7	78.7
New Zealand	785	94.1	94.1	4.0	1.8	0.1	93.4	94.9
Northern Ireland	513	94.5	94.5	3.7	1.7	0.0	94.5	94.6
Norway	462	97.4	97.4	1.6	1.0	0.0	96.7	98.3
Oman	1479	79.3	79.3	11.9	8.5	0.3	80.2	78.4
Poland	718	96.8	96.8	0.9	2.2	0.1	98.0	95.9
Portugal	574	95.1	95.1	4.3	0.6	0.0	94.0	96.2
Qatar	569	77.2	77.2	10.5	12.1	0.2	83.4	71.2
Romania	663	88.8	88.8	3.5	6.5	1.2	86.9	90.7
Russian Federation	633	98.0	98.0	1.4	0.6	0.0	98.6	97.5
Saudi Arabia	662	89.8	89.8	6.4	3.8	0.0	91.3	88.2
Serbia	627	97.9	97.9	0.5	1.6	0.0	97.1	98.6
Singapore	912	97.0	97.0	2.9	0.1	0.0	96.5	97.6
Slovak Republic	805	96.3	96.3	2.3	1.4	0.0	97.5	95.1
Slovenia	632	98.7	98.7	1.0	0.3	0.0	98.3	99.0
Spain	593	96.3	96.3	1.9	1.3	0.5	96.0	96.7
Sweden	666	97.8	97.8	1.2	0.8	0.2	97.5	98.2
Thailand	639	92.7	92.7	4.7	2.5	0.1	91.6	93.8
Tunisia	685	65.2	65.2	14.6	19.4	0.8	66.2	64.2
Turkey	1065	89.9	89.9	3.5	6.7	0.0	90.2	89.5
United Arab Emirates	2111	84.7	84.7	10.0	5.1	0.3	85.1	84.2
United States	1790	97.6	97.6	1.7	0.6	0.0	97.6	97.7
Yemen	1136	51.4	51.4	10.8	37.1	0.7	56.8	47.8
International Avg. (50)	37217	90.9	90.9	4.5	4.3	0.3	91.4	90.4
Botswana (6)	591	89.9	89.9	5.6	4.5	0.0	91.1	88.4
Honduras (6)	569	93.8	93.8	2.0	3.9	0.3	95.3	91.9
Yemen (6)	705	75.6	75.6	9.2	15.2	0.0	78.6	73.4
Alberta, Canada	516	97.2	97.2	2.0	0.7	0.0	97.2	97.3
Ontario, Canada	669	94.1	94.1	4.7	1.1	0.1	96.7	91.6
Quebec, Canada	591	97.4	97.4	1.5	1.1	0.0	98.1	96.7
Abu Dhabi, UAE	594	85.7	85.7	8.8	5.4	0.0	87.0	84.5
Dubai, UAE	884	86.3	86.3	9.3	4.2	0.1	85.6	87.0
Florida, US	377	96.9	96.9	2.0	1.2	0.0	97.8	95.9
North Carolina, US	260	96.8	96.8	1.1	2.1	0.0	98.6	94.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_03Z (S051049Z): Life Science / Applying
Label: Animals with backbones- DERIVED - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	34.8	59.5	3.8	1.9	34.8	36.3	33.5
Australia	870	45.0	54.5	0.3	0.2	45.0	43.4	46.9
Austria	675	45.5	53.8	0.7	0.0	45.5	44.7	46.3
Azerbaijan	685	35.3	58.6	5.8	0.3	35.3	36.6	34.0
Bahrain	583	48.9	48.3	2.7	0.1	48.9	51.8	45.9
Belgium (Flemish)	694	28.5	69.9	1.6	0.0	28.5	26.6	30.6
Chile	793	47.8	49.8	2.1	0.2	47.8	42.4	54.0
Chinese Taipei	612	31.4	68.4	0.2	0.0	31.4	26.4	36.2
Croatia	665	54.6	44.8	0.6	0.0	54.6	50.5	59.0
Czech Republic	653	55.3	44.0	0.7	0.0	55.3	48.0	62.3
Denmark	582	38.7	57.8	3.3	0.2	38.7	39.0	38.4
England	488	37.5	61.2	1.3	0.0	37.5	40.5	34.7
Finland	668	49.0	50.9	0.1	0.0	49.0	42.7	54.6
Georgia	691	39.6	56.2	4.0	0.2	39.6	36.9	42.6
Germany	568	47.4	51.7	0.5	0.3	47.4	48.4	46.6
Hong Kong SAR	563	38.2	60.9	0.9	0.0	38.2	35.6	40.4
Hungary	748	52.7	46.0	1.1	0.3	52.7	51.9	53.5
Iran, Islamic Rep. of	828	40.7	56.4	2.9	0.0	40.7	39.3	42.1
Ireland	648	36.7	62.4	1.0	0.0	36.7	35.9	37.5
Italy	601	59.0	39.9	0.8	0.2	59.0	57.6	60.5
Japan	634	65.1	34.7	0.2	0.0	65.1	63.4	66.8
Kazakhstan	632	41.4	55.2	3.2	0.2	41.4	42.0	40.9
Korea, Rep. of	620	43.0	56.5	0.5	0.0	43.0	39.1	46.4
Kuwait	579	29.7	57.3	12.1	0.9	29.7	30.9	28.3
Lithuania	669	37.5	61.9	0.6	0.0	37.5	37.7	37.2
Malta	511	37.4	60.7	1.9	0.0	37.4	38.3	36.4
Morocco	1012	28.0	57.9	11.1	3.0	28.0	29.9	26.1
Netherlands	460	31.3	66.5	2.3	0.0	31.3	26.6	36.4
New Zealand	785	37.9	61.1	1.0	0.1	37.9	35.4	40.4
Northern Ireland	513	36.2	63.2	0.6	0.0	36.2	33.4	39.4
Norway	462	43.3	56.0	0.7	0.0	43.3	45.0	41.3
Oman	1479	32.8	60.6	6.3	0.3	32.8	32.8	32.8
Poland	718	42.3	55.7	2.0	0.1	42.3	37.3	46.5
Portugal	574	41.3	58.6	0.1	0.0	41.3	39.4	43.2
Qatar	569	23.6	66.2	10.1	0.2	23.6	24.3	22.9
Romania	661	48.8	44.5	5.5	1.2	48.8	51.9	45.8
Russian Federation	633	56.0	43.5	0.4	0.0	56.0	58.4	53.4
Saudi Arabia	660	46.8	51.5	1.7	0.0	46.8	50.4	43.0
Serbia	627	40.1	58.6	1.4	0.0	40.1	36.7	43.3
Singapore	912	37.1	62.8	0.1	0.0	37.1	33.5	40.4
Slovak Republic	805	50.4	48.9	0.7	0.0	50.4	49.3	51.5
Slovenia	629	41.8	57.9	0.3	0.0	41.8	35.7	47.3
Spain	593	50.8	47.4	1.3	0.5	50.8	50.0	51.8
Sweden	666	53.0	46.3	0.5	0.2	53.0	50.7	55.5
Thailand	639	42.4	56.5	1.0	0.1	42.4	36.7	48.7
Tunisia	685	22.3	59.6	17.4	0.8	22.3	20.4	24.1
Turkey	1064	32.5	62.5	5.0	0.0	32.5	31.4	33.6
United Arab Emirates	2111	32.4	64.7	2.6	0.3	32.4	30.5	34.3
United States	1790	38.5	61.0	0.4	0.0	38.5	35.8	41.4
Yemen	1136	17.0	56.5	25.8	0.7	17.0	21.1	14.3
International Avg. (50)	37183	40.9	55.8	3.0	0.3	40.9	39.6	42.3
Botswana (6)	591	56.1	40.9	3.0	0.0	56.1	59.1	52.8
Honduras (6)	569	43.1	54.6	2.1	0.3	43.1	37.6	49.9
Yemen (6)	705	33.6	56.0	10.4	0.0	33.6	34.2	33.2
Alberta, Canada	516	42.7	56.6	0.7	0.0	42.7	38.2	47.6
Ontario, Canada	669	37.6	62.0	0.3	0.1	37.6	38.3	36.9
Quebec, Canada	591	47.2	52.1	0.7	0.0	47.2	42.8	51.4
Abu Dhabi, UAE	594	34.9	62.2	2.9	0.0	34.9	33.0	36.7
Dubai, UAE	884	29.5	68.0	2.4	0.1	29.5	26.9	31.9
Florida, US	377	37.5	61.3	1.2	0.0	37.5	37.1	37.9
North Carolina, US	260	31.4	66.8	1.9	0.0	31.4	28.6	34.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_04 (S051033): Life Science / Applying

Label: Why desert animals active at night - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	52.1	3.9	52.1	30.5	6.7	4.3	2.5	52.2	52.1
Australia	870	59.2	4.3	59.2	32.1	3.7	0.3	0.2	57.4	61.3
Austria	675	55.5	3.2	55.5	37.1	3.3	1.0	0.0	54.5	56.5
Azerbaijan	685	48.5	4.0	48.5	38.2	5.9	3.1	0.4	48.3	48.7
Bahrain	583	50.0	14.7	50.0	20.6	13.1	1.3	0.3	47.4	52.6
Belgium (Flemish)	694	41.6	3.2	41.6	50.0	4.3	1.0	0.0	37.5	46.3
Chile	793	49.2	5.5	49.2	37.8	6.3	0.9	0.4	52.9	45.0
Chinese Taipei	612	70.6	6.1	70.6	19.2	2.9	1.1	0.0	67.6	73.4
Croatia	665	35.9	6.2	35.9	50.3	6.0	1.5	0.0	34.5	37.5
Czech Republic	653	38.3	2.4	38.3	56.5	1.7	1.2	0.0	33.5	42.8
Denmark	582	40.2	4.4	40.2	42.9	10.0	2.3	0.2	39.2	41.3
England	488	55.6	3.1	55.6	37.1	2.7	1.3	0.2	57.1	54.3
Finland	668	62.1	1.1	62.1	33.7	2.5	0.6	0.0	62.9	61.4
Georgia	688	49.3	6.2	49.3	38.8	3.8	1.5	0.4	46.8	52.1
Germany	568	60.9	1.9	60.9	33.8	2.0	1.1	0.3	59.8	61.9
Hong Kong SAR	563	63.4	5.5	63.4	24.5	6.0	0.6	0.0	59.4	66.9
Hungary	748	58.2	7.0	58.2	25.3	7.2	2.0	0.3	58.3	58.2
Iran, Islamic Rep. of	828	31.9	8.4	31.9	50.5	6.2	3.0	0.0	33.1	30.7
Ireland	648	58.8	3.9	58.8	29.8	7.0	0.4	0.1	61.2	56.3
Italy	601	53.1	2.8	53.1	39.1	3.6	1.3	0.2	52.1	54.0
Japan	634	38.0	3.9	38.0	51.2	6.6	0.3	0.0	33.0	43.1
Kazakhstan	632	59.4	7.5	59.4	27.4	3.7	1.7	0.3	55.9	62.7
Korea, Rep. of	620	53.0	15.7	53.0	26.7	3.8	0.8	0.0	53.9	52.2
Kuwait	587	32.1	20.5	32.1	24.9	13.8	7.7	0.9	29.6	34.9
Lithuania	669	46.5	4.5	46.5	42.6	3.8	2.6	0.0	48.3	44.7
Malta	510	52.4	11.4	52.4	29.1	6.6	0.6	0.0	49.3	55.4
Morocco	1048	34.6	16.5	34.6	18.0	20.8	7.0	3.2	33.7	35.4
Netherlands	460	66.8	2.2	66.8	28.0	2.5	0.5	0.0	69.5	63.7
New Zealand	785	50.4	4.9	50.4	38.6	4.1	1.9	0.1	46.9	53.8
Northern Ireland	513	55.0	4.3	55.0	35.4	4.6	0.7	0.0	53.5	56.7
Norway	462	34.3	4.7	34.3	51.7	8.5	0.9	0.0	28.6	41.0
Oman	1479	38.7	21.2	38.7	23.3	13.7	2.7	0.6	38.0	39.4
Poland	718	46.9	3.5	46.9	44.5	3.6	1.5	0.1	45.8	47.8
Portugal	574	63.9	3.9	63.9	26.0	5.7	0.4	0.0	64.7	63.0
Qatar	569	42.7	17.1	42.7	22.0	15.9	2.0	0.3	44.1	41.3
Romania	662	63.6	3.6	63.6	24.3	3.6	3.5	1.4	60.0	67.2
Russian Federation	633	61.0	2.4	61.0	32.6	3.6	0.4	0.0	61.1	60.8
Saudi Arabia	666	37.4	20.3	37.4	23.3	18.1	0.9	0.0	37.8	36.9
Serbia	627	31.0	4.1	31.0	58.3	4.7	1.8	0.0	25.5	36.1
Singapore	912	59.8	4.1	59.8	33.2	2.9	0.0	0.0	57.5	61.9
Slovak Republic	805	53.2	5.9	53.2	34.7	5.7	0.6	0.0	48.3	57.9
Slovenia	631	32.2	2.8	32.2	62.6	1.7	0.7	0.0	27.6	36.3
Spain	593	50.8	6.2	50.8	34.7	5.6	2.2	0.5	49.7	52.0
Sweden	666	63.5	2.7	63.5	28.6	3.9	1.1	0.2	62.5	64.6
Thailand	639	29.9	8.4	29.9	51.5	8.7	1.5	0.1	23.9	36.5
Tunisia	666	29.8	11.9	29.8	28.8	17.7	11.1	0.8	30.1	29.5
Turkey	1065	32.0	16.5	32.0	37.3	12.2	1.9	0.2	31.0	33.0
United Arab Emirates	2111	45.3	15.6	45.3	26.0	11.3	1.5	0.4	44.9	45.6
United States	1790	68.5	2.8	68.5	24.5	2.8	1.3	0.0	65.7	71.5
Yemen	1136	30.6	16.3	30.6	27.2	17.1	7.2	1.6	32.3	29.4
International Avg. (50)	37214	48.7	7.3	48.7	34.9	6.8	1.9	0.3	47.4	50.2
Botswana (6)	591	39.4	13.8	39.4	33.4	13.2	0.3	0.0	39.9	38.7
Honduras (6)	569	43.8	4.8	43.8	42.9	7.3	0.9	0.4	42.1	45.8
Yemen (6)	708	45.4	14.9	45.4	20.3	14.4	4.7	0.2	44.4	46.2
Alberta, Canada	516	59.1	4.3	59.1	32.3	2.9	1.4	0.0	57.5	60.9
Ontario, Canada	669	60.4	4.9	60.4	30.1	3.6	0.6	0.5	65.3	55.7
Quebec, Canada	591	63.1	3.6	63.1	27.1	4.5	1.8	0.0	59.6	66.3
Abu Dhabi, UAE	594	41.8	16.7	41.8	29.0	10.7	1.7	0.2	42.7	41.0
Dubai, UAE	884	50.7	12.9	50.7	26.9	7.5	1.9	0.1	50.2	51.2
Florida, US	377	75.6	2.8	75.6	18.3	1.7	1.5	0.0	74.2	77.2
North Carolina, US	260	67.9	4.1	67.9	24.0	2.9	1.2	0.0	65.9	69.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S02_05 (S051173): Life Science / Knowing
Label: Calcium important for growth - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	13.1	41.6	41.9	3.4	13.1	15.2	11.3
Australia	870	21.1	69.5	9.1	0.2	21.1	16.5	26.3
Austria	675	13.6	62.0	24.4	0.0	13.6	13.0	14.2
Azerbaijan	685	15.7	37.1	46.8	0.4	15.7	14.7	16.8
Bahrain	583	12.9	69.5	17.2	0.4	12.9	17.2	8.3
Belgium (Flemish)	694	11.7	80.0	8.3	0.0	11.7	9.0	14.8
Chile	793	27.9	60.3	11.4	0.4	27.9	26.2	29.9
Chinese Taipei	612	17.4	72.6	10.0	0.0	17.4	15.4	19.3
Croatia	665	10.1	73.0	16.9	0.0	10.1	10.0	10.2
Czech Republic	653	37.4	46.1	16.4	0.0	37.4	37.2	37.7
Denmark	582	45.5	42.0	12.3	0.2	45.5	45.3	45.7
England	488	38.0	52.6	9.1	0.3	38.0	40.7	35.5
Finland	668	41.7	46.5	11.9	0.0	41.7	41.4	41.9
Georgia	688	7.7	62.9	29.1	0.4	7.7	7.3	8.0
Germany	568	17.8	64.4	17.5	0.3	17.8	14.1	21.3
Hong Kong SAR	563	26.8	62.4	10.7	0.0	26.8	21.2	31.8
Hungary	748	19.2	66.5	13.9	0.3	19.2	17.5	21.1
Iran, Islamic Rep. of	828	7.8	71.6	20.3	0.2	7.8	7.2	8.5
Ireland	648	27.2	62.7	10.0	0.1	27.2	26.3	28.3
Italy	601	23.5	63.3	13.0	0.2	23.5	19.3	27.7
Japan	634	48.6	48.6	2.8	0.0	48.6	41.2	56.2
Kazakhstan	632	40.1	44.2	15.1	0.5	40.1	41.0	39.3
Korea, Rep. of	620	21.4	76.8	1.8	0.0	21.4	22.2	20.7
Kuwait	592	4.0	49.9	44.9	1.2	4.0	3.0	5.1
Lithuania	669	29.6	61.0	9.4	0.0	29.6	27.8	31.4
Malta	511	9.6	61.6	28.9	0.0	9.6	5.8	13.3
Morocco	1064	4.9	30.7	61.1	3.3	4.9	7.0	2.8
Netherlands	460	8.6	85.6	5.9	0.0	8.6	6.9	10.5
New Zealand	785	20.7	69.5	9.7	0.1	20.7	16.5	24.9
Northern Ireland	513	29.8	60.3	9.9	0.0	29.8	31.0	28.5
Norway	462	11.2	69.2	19.5	0.1	11.2	12.1	10.2
Oman	1479	7.1	60.3	32.0	0.6	7.1	8.2	6.1
Poland	718	23.7	60.5	15.6	0.2	23.7	15.6	30.5
Portugal	574	31.1	62.6	6.3	0.0	31.1	30.7	31.5
Qatar	569	8.9	67.0	23.8	0.3	8.9	10.1	7.7
Romania	663	21.7	58.2	18.7	1.4	21.7	19.0	24.3
Russian Federation	633	34.6	55.2	10.2	0.0	34.6	36.6	32.4
Saudi Arabia	666	15.0	64.1	20.9	0.0	15.0	13.8	16.4
Serbia	627	10.5	75.0	14.5	0.0	10.5	10.4	10.6
Singapore	912	24.8	72.7	2.5	0.0	24.8	20.7	28.6
Slovak Republic	805	28.0	50.1	21.9	0.0	28.0	25.9	30.2
Slovenia	632	9.7	68.6	21.7	0.0	9.7	9.5	9.9
Spain	593	34.5	57.3	7.7	0.5	34.5	33.3	35.8
Sweden	666	21.2	61.2	17.4	0.2	21.2	22.5	19.8
Thailand	639	18.6	65.4	15.9	0.1	18.6	18.1	19.1
Tunisia	696	5.1	67.2	26.9	0.9	5.1	6.6	3.6
Turkey	1065	12.6	75.7	11.3	0.4	12.6	12.8	12.4
United Arab Emirates	2111	11.2	59.9	28.5	0.4	11.2	12.1	10.4
United States	1790	18.0	77.9	4.1	0.0	18.0	17.1	18.9
Yemen	1136	1.9	44.4	51.7	2.0	1.9	2.2	1.7
International Avg. (50)	37268	20.1	61.3	18.2	0.4	20.1	19.1	21.0
Botswana (6)	591	6.4	84.7	8.9	0.0	6.4	4.9	8.1
Honduras (6)	569	18.8	65.3	15.5	0.4	18.8	18.4	19.4
Yemen (6)	707	5.5	56.3	37.7	0.5	5.5	7.7	4.0
Alberta, Canada	516	32.3	61.7	6.0	0.0	32.3	30.5	34.3
Ontario, Canada	669	29.4	62.7	7.4	0.5	29.4	27.5	31.3
Quebec, Canada	591	21.2	71.1	7.5	0.3	21.2	18.2	24.0
Abu Dhabi, UAE	594	10.9	61.2	27.6	0.2	10.9	10.4	11.4
Dubai, UAE	884	11.4	61.4	27.0	0.1	11.4	12.5	10.5
Florida, US	377	15.5	80.0	4.5	0.0	15.5	15.4	15.7
North Carolina, US	260	21.6	74.3	4.1	0.0	21.6	22.6	20.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_06 (S051086): Physical Science / Knowing
Label: Temperature of ice, steam, water - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	58.6	58.6	12.9	7.8	11.1	5.2	4.3	58.8	58.4
Australia	870	83.4	83.4	6.0	3.1	4.9	2.3	0.2	85.1	81.5
Austria	675	79.4	79.4	8.1	2.8	8.1	1.7	0.0	79.0	79.8
Azerbaijan	685	64.9	64.9	12.2	5.7	12.4	3.7	1.2	67.4	62.4
Bahrain	583	70.8	70.8	11.4	6.6	9.6	1.1	0.4	75.0	66.4
Belgium (Flemish)	694	83.6	83.6	9.0	2.2	4.4	0.8	0.0	82.3	85.1
Chile	793	80.5	80.5	7.6	4.6	5.9	1.1	0.4	80.3	80.7
Chinese Taipei	612	79.7	79.7	9.8	2.8	7.6	0.2	0.0	78.1	81.2
Croatia	665	87.2	87.2	4.0	1.3	7.1	0.3	0.0	87.4	86.9
Czech Republic	653	86.4	86.4	5.0	2.1	5.8	0.6	0.1	80.1	92.4
Denmark	582	83.1	83.1	6.4	2.2	5.7	2.4	0.2	83.0	83.1
England	488	80.4	80.4	6.7	2.2	8.0	2.4	0.3	79.7	81.1
Finland	668	82.0	82.0	9.1	1.1	7.3	0.4	0.0	80.2	83.6
Georgia	688	61.6	61.6	14.3	7.0	14.0	2.7	0.5	60.3	63.0
Germany	568	78.7	78.7	10.4	2.0	6.1	2.6	0.3	77.2	80.0
Hong Kong SAR	563	85.9	85.9	7.0	2.4	4.1	0.6	0.0	84.8	86.9
Hungary	748	80.9	80.9	7.3	4.6	5.2	1.7	0.3	81.7	80.0
Iran, Islamic Rep. of	828	61.4	61.4	17.7	8.2	9.9	2.5	0.2	63.1	59.8
Ireland	648	76.3	76.3	8.2	5.3	7.3	2.8	0.1	76.0	76.7
Italy	601	84.2	84.2	6.8	2.5	5.3	1.0	0.2	83.1	85.3
Japan	634	72.3	72.3	11.7	3.4	12.3	0.3	0.0	69.8	74.8
Kazakhstan	632	73.3	73.3	12.4	2.8	9.8	0.6	1.1	74.3	72.4
Korea, Rep. of	620	79.6	79.6	8.8	2.0	9.2	0.5	0.0	80.5	78.8
Kuwait	587	55.3	55.3	12.7	10.2	13.9	6.7	1.2	63.7	46.0
Lithuania	669	69.9	69.9	13.2	4.8	10.9	1.3	0.0	71.8	67.9
Malta	511	69.6	69.6	11.3	8.2	9.5	1.4	0.0	67.1	72.1
Morocco	1050	36.6	36.6	18.4	17.2	17.0	7.4	3.5	40.3	33.2
Netherlands	460	88.4	88.4	4.6	1.4	4.4	1.1	0.0	87.4	89.5
New Zealand	785	78.2	78.2	6.8	4.3	6.3	4.2	0.2	80.5	75.8
Northern Ireland	513	79.2	79.2	7.3	2.5	8.1	3.0	0.0	82.6	75.2
Norway	462	75.2	75.2	9.6	3.1	10.3	1.2	0.5	73.4	77.4
Oman	1479	55.9	55.9	16.0	10.7	13.6	3.0	0.8	58.0	53.8
Poland	718	63.0	63.0	11.9	5.5	17.4	1.9	0.2	59.5	65.9
Portugal	.	.	.	.	.	.	.	.	.	.
Qatar	568	60.9	60.9	17.6	8.0	11.0	2.2	0.3	61.9	59.9
Romania	662	71.2	71.2	10.5	6.2	8.3	2.4	1.4	68.0	74.4
Russian Federation	633	84.1	84.1	9.7	1.1	3.8	1.3	0.0	83.8	84.4
Saudi Arabia	665	66.8	66.8	13.2	5.6	13.6	0.8	0.0	72.0	61.1
Serbia	627	84.1	84.1	3.4	1.8	8.8	1.9	0.0	86.8	81.6
Singapore	912	87.5	87.5	5.5	1.0	5.9	0.2	0.0	84.8	90.0
Slovak Republic	805	83.2	83.2	6.1	1.5	8.7	0.5	0.0	81.3	85.0
Slovenia	631	80.5	80.5	5.4	4.2	8.5	1.3	0.1	79.5	81.3
Spain	593	81.4	81.4	7.8	2.2	6.7	1.4	0.6	79.3	83.8
Sweden	666	78.5	78.5	7.5	1.7	10.0	1.8	0.5	78.9	78.1
Thailand	639	54.7	54.7	27.2	8.0	9.2	0.8	0.1	52.2	57.5
Tunisia	673	41.3	41.3	14.1	17.0	18.0	8.4	1.1	46.6	36.2
Turkey	1065	71.3	71.3	12.3	4.8	10.0	1.1	0.4	71.9	70.7
United Arab Emirates	2111	69.3	69.3	11.7	6.0	10.2	2.2	0.6	73.5	65.2
United States	1790	90.3	90.3	4.1	0.9	3.2	1.4	0.0	90.9	89.6
Yemen	1136	29.0	29.0	25.2	20.1	16.2	7.3	2.2	35.6	24.7
International Avg. (49)	36648	73.0	73.0	10.3	5.0	9.1	2.1	0.5	73.4	72.7
Botswana (6)	591	59.7	59.7	16.2	10.1	14.0	0.0	0.0	65.1	53.7
Honduras (6)	569	56.0	56.0	12.0	9.0	15.8	6.7	0.5	57.4	54.3
Yemen (6)	708	44.2	44.2	18.3	18.1	15.8	2.8	0.8	48.1	41.4
Alberta, Canada	515	85.9	85.9	6.6	1.6	3.8	2.1	0.0	85.8	86.0
Ontario, Canada	669	85.0	85.0	5.9	1.3	5.4	1.9	0.5	86.8	83.2
Quebec, Canada	591	72.3	72.3	8.1	2.2	10.1	6.9	0.3	67.8	76.6
Abu Dhabi, UAE	594	70.4	70.4	10.1	6.7	9.8	2.5	0.5	74.4	66.4
Dubai, UAE	884	73.2	73.2	10.9	5.0	8.6	2.1	0.1	74.0	72.4
Florida, US	377	93.7	93.7	2.3	2.1	0.9	0.9	0.0	95.0	92.2
North Carolina, US	260	89.7	89.7	6.3	0.9	1.5	1.7	0.0	89.9	89.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_07 (S051179): Physical Science / Applying
Label: Sun reflection in a lake - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	30.0	13.2	33.8	30.0	13.0	5.6	4.4	31.1	29.1
Australia	870	83.9	2.7	6.1	83.9	6.3	0.8	0.2	83.4	84.4
Austria	675	92.7	2.1	2.1	92.7	2.6	0.5	0.0	94.0	91.3
Azerbaijan	686	66.2	6.3	12.4	66.2	8.2	5.8	1.2	65.8	66.5
Bahrain	583	72.0	10.5	10.1	72.0	6.0	1.0	0.4	76.3	67.4
Belgium (Flemish)	694	87.0	2.8	5.8	87.0	4.2	0.2	0.0	87.8	86.0
Chile	793	85.7	3.7	6.3	85.7	3.5	0.3	0.5	88.2	83.0
Chinese Taipei	612	95.3	0.5	2.1	95.3	1.6	0.5	0.0	96.5	94.2
Croatia	665	61.7	14.5	12.7	61.7	10.0	1.1	0.0	59.4	64.2
Czech Republic	653	93.0	2.1	2.5	93.0	1.8	0.5	0.1	93.9	92.2
Denmark	582	72.9	5.3	15.1	72.9	5.1	1.3	0.2	70.9	75.0
England	488	88.0	1.9	4.7	88.0	4.8	0.2	0.3	91.1	85.2
Finland	668	91.7	1.0	2.7	91.7	4.2	0.4	0.0	88.8	94.4
Georgia	691	52.3	11.8	15.9	52.3	18.6	0.8	0.6	45.4	60.2
Germany	568	91.3	1.4	1.3	91.3	4.6	1.1	0.3	94.1	88.7
Hong Kong SAR	563	73.5	3.0	8.2	73.5	14.9	0.4	0.0	68.4	77.9
Hungary	748	90.1	2.2	2.0	90.1	3.4	1.9	0.3	92.5	87.5
Iran, Islamic Rep. of	828	52.1	10.1	18.0	52.1	16.8	2.6	0.4	49.2	54.9
Ireland	648	90.7	3.1	4.1	90.7	1.8	0.2	0.1	93.1	88.1
Italy	601	92.3	3.5	2.5	92.3	0.9	0.5	0.2	90.5	94.0
Japan	634	90.8	1.5	5.1	90.8	2.5	0.0	0.0	88.1	93.6
Kazakhstan	632	63.5	12.2	12.4	63.5	8.6	1.8	1.5	64.3	62.8
Korea, Rep. of	620	93.1	0.9	2.9	93.1	2.4	0.7	0.0	93.8	92.4
Kuwait	587	58.4	13.3	12.8	58.4	8.8	5.5	1.2	68.3	47.3
Lithuania	669	78.6	3.2	6.9	78.6	10.8	0.6	0.0	77.2	79.9
Malta	511	77.0	8.3	7.3	77.0	6.8	0.6	0.0	75.1	78.9
Morocco	1048	34.3	16.5	31.3	34.3	9.4	5.0	3.5	33.5	35.0
Netherlands	460	87.9	1.9	4.9	87.9	4.7	0.5	0.0	85.4	90.7
New Zealand	785	83.9	2.3	6.3	83.9	6.5	0.7	0.3	85.6	82.1
Northern Ireland	513	92.5	3.5	2.0	92.5	1.9	0.2	0.0	93.4	91.4
Norway	462	63.1	5.9	17.2	63.1	12.3	1.0	0.5	56.9	70.4
Oman	1479	52.0	14.9	17.2	52.0	12.2	2.9	0.8	56.5	47.5
Poland	718	93.1	1.9	2.1	93.1	2.5	0.1	0.3	95.9	90.6
Portugal	574	87.0	2.5	5.8	87.0	4.1	0.5	0.0	89.1	84.9
Qatar	569	58.5	12.9	15.6	58.5	10.8	1.8	0.3	63.7	53.5
Romania	663	84.0	4.8	3.0	84.0	3.7	3.1	1.4	82.5	85.5
Russian Federation	633	85.1	2.9	4.0	85.1	7.6	0.4	0.0	85.7	84.3
Saudi Arabia	666	69.8	8.8	12.7	69.8	7.9	0.7	0.0	73.8	65.5
Serbia	627	60.9	17.9	11.3	60.9	9.0	0.9	0.0	56.4	65.0
Singapore	912	90.1	2.1	2.9	90.1	4.7	0.1	0.0	90.5	89.8
Slovak Republic	805	84.0	3.8	6.0	84.0	5.4	0.8	0.0	82.5	85.5
Slovenia	632	70.4	6.0	13.4	70.4	9.6	0.5	0.1	66.2	74.2
Spain	593	92.2	2.1	3.2	92.2	1.5	0.5	0.6	93.3	90.9
Sweden	666	84.5	2.4	5.4	84.5	6.7	0.6	0.5	82.7	86.4
Thailand	639	75.8	6.2	9.3	75.8	7.4	1.3	0.1	76.3	75.2
Tunisia	668	43.2	9.6	25.1	43.2	11.7	9.3	1.1	43.7	42.7
Turkey	1065	70.1	8.6	6.1	70.1	14.4	0.4	0.4	69.7	70.5
United Arab Emirates	2111	65.6	11.0	13.5	65.6	8.1	1.2	0.6	66.7	64.6
United States	1790	90.3	1.4	3.0	90.3	3.9	1.4	0.0	90.1	90.4
Yemen	1136	36.5	15.2	25.9	36.5	13.3	6.9	2.2	37.3	35.9
International Avg. (50)	37223	75.6	6.1	9.3	75.6	7.0	1.5	0.5	75.7	75.4
Botswana (6)	591	49.5	13.5	18.5	49.5	18.2	0.3	0.0	47.1	52.1
Honduras (6)	569	63.8	14.5	11.8	63.8	7.0	2.2	0.6	63.1	64.8
Yemen (6)	708	51.5	10.6	23.8	51.5	10.9	2.4	0.8	46.0	55.4
Alberta, Canada	516	92.8	1.2	1.6	92.8	3.0	1.4	0.0	93.4	92.0
Ontario, Canada	669	87.5	3.4	3.7	87.5	4.4	0.5	0.5	88.8	86.1
Quebec, Canada	591	75.8	3.7	11.3	75.8	7.3	1.5	0.3	73.9	77.6
Abu Dhabi, UAE	594	62.0	12.4	16.1	62.0	8.0	1.0	0.5	65.0	59.1
Dubai, UAE	884	72.5	7.5	9.8	72.5	8.9	1.3	0.1	70.0	74.6
Florida, US	377	93.7	1.5	2.7	93.7	1.7	0.5	0.0	94.1	93.2
North Carolina, US	260	89.4	1.6	2.2	89.4	5.0	1.4	0.4	89.2	89.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_08 (S051074): Physical Science / Applying
Label: Will the bulb light - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	17.2	4.2	66.3	7.0	5.3	17.2	17.4	17.0
Australia	870	18.1	3.2	77.6	0.9	0.2	18.1	13.1	23.6
Austria	675	28.6	3.2	66.9	1.3	0.0	28.6	26.0	31.4
Azerbaijan	686	12.8	7.4	68.7	9.3	1.9	12.8	13.6	11.9
Bahrain	583	40.3	5.7	52.5	1.0	0.4	40.3	44.3	36.1
Belgium (Flemish)	694	13.5	6.1	79.7	0.7	0.0	13.5	10.1	17.4
Chile	793	11.3	5.9	80.9	1.4	0.5	11.3	9.4	13.4
Chinese Taipei	612	68.2	0.6	19.8	11.3	0.0	68.2	64.9	71.4
Croatia	665	14.4	3.8	78.7	3.1	0.0	14.4	7.8	21.5
Czech Republic	653	26.3	3.6	66.0	4.0	0.1	26.3	17.7	34.5
Denmark	582	27.2	2.3	67.7	2.5	0.2	27.2	26.3	28.2
England	488	59.0	2.9	37.6	0.1	0.3	59.0	56.5	61.4
Finland	668	31.9	3.5	63.0	1.5	0.0	31.9	27.5	35.9
Georgia	691	12.4	3.8	77.4	5.6	0.8	12.4	9.5	15.6
Germany	568	42.3	1.6	53.4	2.3	0.3	42.3	37.9	46.5
Hong Kong SAR	563	21.8	2.7	74.8	0.7	0.0	21.8	14.0	28.6
Hungary	748	13.0	2.0	84.0	0.8	0.3	13.0	8.7	17.5
Iran, Islamic Rep. of	828	32.6	7.9	58.7	0.3	0.4	32.6	33.6	31.7
Ireland	648	22.4	2.1	74.7	0.7	0.1	22.4	22.1	22.9
Italy	601	10.4	1.7	84.5	3.0	0.4	10.4	8.1	12.7
Japan	634	72.2	1.9	25.8	0.0	0.0	72.2	72.4	72.1
Kazakhstan	632	19.6	7.5	63.7	7.5	1.7	19.6	18.9	20.2
Korea, Rep. of	620	34.8	7.3	57.4	0.5	0.0	34.8	30.7	38.5
Kuwait	592	33.7	1.4	61.8	1.7	1.4	33.7	42.5	24.0
Lithuania	669	29.6	3.4	65.3	1.6	0.0	29.6	27.5	31.8
Malta	511	29.5	3.3	66.0	1.2	0.0	29.5	25.0	34.0
Morocco	1071	10.1	0.0	81.9	4.2	3.9	10.1	11.2	9.0
Netherlands	460	23.9	3.7	71.7	0.7	0.0	23.9	21.3	26.6
New Zealand	785	20.0	3.8	74.4	1.5	0.3	20.0	17.7	22.4
Northern Ireland	513	33.1	5.0	60.0	1.9	0.0	33.1	31.8	34.7
Norway	462	6.9	3.8	86.2	2.5	0.5	6.9	5.6	8.5
Oman	1479	34.0	3.2	59.4	2.5	0.9	34.0	38.9	29.2
Poland	718	14.0	5.9	77.7	2.0	0.3	14.0	9.5	17.8
Portugal	574	19.2	6.8	73.6	0.4	0.0	19.2	18.9	19.5
Qatar	569	29.8	2.5	66.0	1.2	0.5	29.8	33.9	25.9
Romania	663	24.8	6.1	63.9	2.6	2.5	24.8	21.6	27.9
Russian Federation	633	24.6	2.3	72.8	0.3	0.0	24.6	19.3	30.4
Saudi Arabia	666	32.0	3.6	63.3	0.9	0.1	32.0	33.7	30.2
Serbia	627	24.8	4.9	69.4	1.0	0.0	24.8	20.8	28.5
Singapore	912	51.1	1.9	46.9	0.1	0.0	51.1	46.5	55.4
Slovak Republic	805	40.1	0.8	57.9	1.1	0.0	40.1	37.2	43.0
Slovenia	632	55.5	3.7	39.4	1.2	0.1	55.5	51.9	58.8
Spain	593	14.8	3.3	78.8	2.5	0.6	14.8	12.9	16.7
Sweden	666	26.4	4.1	67.1	1.9	0.5	26.4	23.4	29.5
Thailand	639	20.2	12.5	65.0	2.2	0.1	20.2	14.1	27.0
Tunisia	696	11.2	1.9	81.8	3.7	1.5	11.2	10.7	11.7
Turkey	1065	35.6	7.5	55.8	0.7	0.4	35.6	34.2	37.0
United Arab Emirates	2111	27.4	3.9	66.5	1.6	0.6	27.4	28.4	26.3
United States	1790	41.8	4.7	53.0	0.3	0.2	41.8	39.1	44.9
Yemen	1136	5.0	0.1	89.2	2.9	2.8	5.0	4.5	5.4
International Avg. (50)	37279	27.4	3.9	65.9	2.2	0.6	27.4	25.5	29.3
Botswana (6)	591	28.8	1.4	69.0	0.8	0.0	28.8	28.6	28.9
Honduras (6)	569	6.6	5.5	85.4	2.0	0.6	6.6	5.9	7.4
Yemen (6)	703	27.9	3.8	66.1	1.4	0.8	27.9	30.5	26.0
Alberta, Canada	516	20.5	3.6	75.4	0.2	0.2	20.5	18.9	22.3
Ontario, Canada	669	11.8	3.4	82.6	1.7	0.5	11.8	9.6	13.8
Quebec, Canada	591	15.2	2.3	80.9	1.3	0.3	15.2	8.3	21.7
Abu Dhabi, UAE	594	27.9	3.7	65.7	2.3	0.5	27.9	30.5	25.3
Dubai, UAE	884	30.2	2.9	65.7	0.9	0.3	30.2	28.1	32.0
Florida, US	377	23.7	5.5	70.8	0.0	0.0	23.7	17.6	30.3
North Carolina, US	260	42.7	4.0	52.5	0.3	0.4	42.7	38.7	46.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_09 (S051119): Physical Science / Reasoning
Label: Two magnets and two metal pins - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	6.2	8.1	66.9	12.5	6.3	14.3	13.6	14.9
Australia	870	12.4	14.5	71.3	1.6	0.2	26.9	26.6	27.2
Austria	675	5.3	15.5	76.1	3.1	0.0	20.7	20.9	20.5
Azerbaijan	686	5.1	6.8	66.9	18.7	2.6	11.8	11.0	12.7
Bahrain	583	12.8	12.9	71.3	2.5	0.5	25.7	25.7	25.6
Belgium (Flemish)	694	8.2	26.5	64.7	0.6	0.0	34.6	36.3	32.8
Chile	793	6.0	14.1	77.1	2.1	0.6	20.2	18.1	22.5
Chinese Taipei	612	10.6	36.5	40.2	12.8	0.0	47.0	45.8	48.2
Croatia	665	7.8	9.0	81.0	2.1	0.0	16.8	19.3	14.2
Czech Republic	653	15.3	12.8	67.2	4.6	0.1	28.1	29.0	27.3
Denmark	582	18.8	9.6	67.1	4.3	0.2	28.4	31.3	25.3
England	488	13.5	21.9	63.1	1.2	0.3	35.4	36.4	34.6
Finland	668	15.1	26.3	57.3	1.3	0.0	41.4	39.8	42.8
Georgia	691	7.8	18.3	67.1	5.5	1.2	26.2	26.6	25.7
Germany	568	8.0	20.1	67.5	4.2	0.3	28.0	27.9	28.2
Hong Kong SAR	563	5.3	25.7	67.5	1.5	0.0	31.0	33.2	29.0
Hungary	748	6.7	16.1	74.8	2.1	0.4	22.7	22.5	23.0
Iran, Islamic Rep. of	828	8.4	17.6	69.5	4.1	0.5	25.9	27.2	24.7
Ireland	648	13.1	14.5	71.0	1.4	0.1	27.5	29.8	25.0
Italy	601	8.4	14.3	72.6	4.3	0.4	22.8	22.9	22.6
Japan	634	22.0	28.2	49.3	0.4	0.0	50.3	54.2	46.3
Kazakhstan	632	14.7	11.8	61.3	10.5	1.7	26.5	26.1	26.9
Korea, Rep. of	620	13.4	13.4	72.2	1.0	0.0	26.8	30.5	23.4
Kuwait	590	3.7	11.1	78.3	5.2	1.6	14.9	17.5	12.0
Lithuania	669	8.0	15.8	74.4	1.8	0.0	23.9	28.4	19.3
Malta	511	9.6	15.1	73.7	1.6	0.0	24.7	21.8	27.6
Morocco	1070	4.1	0.7	83.6	7.1	4.6	4.7	4.8	4.7
Netherlands	460	11.6	18.4	68.7	1.3	0.0	30.0	32.4	27.4
New Zealand	785	10.3	14.9	72.8	1.7	0.3	25.2	24.9	25.5
Northern Ireland	513	10.0	20.4	67.8	1.9	0.0	30.4	28.6	32.5
Norway	462	11.7	20.0	64.5	3.3	0.5	31.7	34.4	28.6
Oman	1479	1.6	4.3	88.7	4.0	1.4	5.9	6.6	5.1
Poland	718	9.6	16.9	70.9	2.2	0.5	26.5	27.2	25.9
Portugal	574	10.8	23.9	64.4	1.0	0.0	34.7	36.7	32.7
Qatar	569	7.1	9.9	80.1	1.9	1.1	16.9	19.0	15.0
Romania	663	12.4	10.8	72.8	1.2	2.8	23.2	24.2	22.2
Russian Federation	633	10.8	15.8	71.6	1.9	0.0	26.6	29.6	23.2
Saudi Arabia	666	4.5	17.6	75.8	1.9	0.1	22.2	24.2	20.0
Serbia	627	10.3	18.4	68.0	3.1	0.1	28.7	27.3	30.1
Singapore	912	34.5	31.3	34.1	0.1	0.0	65.8	66.7	64.9
Slovak Republic	805	7.1	13.4	77.3	2.2	0.0	20.5	20.6	20.4
Slovenia	632	12.9	19.3	65.9	1.8	0.1	32.2	35.7	29.0
Spain	593	12.9	14.1	69.0	3.4	0.7	27.0	28.8	25.0
Sweden	666	22.3	14.6	60.8	1.6	0.7	37.0	41.4	32.3
Thailand	639	8.9	13.9	74.2	2.9	0.1	22.8	24.1	21.4
Tunisia	696	8.8	10.1	74.8	4.6	1.7	18.9	24.0	14.1
Turkey	1063	9.4	19.3	69.0	1.9	0.4	28.7	30.2	27.3
United Arab Emirates	2111	8.6	10.3	77.2	3.3	0.7	18.8	20.1	17.6
United States	1790	17.4	19.4	62.0	0.9	0.2	36.9	37.0	36.7
Yemen	1131	0.2	1.2	91.0	4.9	2.8	1.4	1.4	1.3
International Avg. (50)	37269	10.5	15.9	69.5	3.4	0.7	26.4	27.4	25.3
Botswana (6)	591	5.4	4.3	89.2	1.1	0.0	9.7	11.7	7.5
Honduras (6)	569	6.3	12.3	77.5	3.1	0.8	18.6	15.7	22.1
Yemen (6)	707	3.4	6.1	86.8	3.0	0.8	9.4	12.7	7.1
Alberta, Canada	516	11.8	22.2	64.8	0.9	0.2	34.1	33.4	34.7
Ontario, Canada	668	19.9	19.2	59.0	1.4	0.5	39.1	41.1	37.3
Quebec, Canada	591	8.3	22.7	67.3	1.4	0.3	31.0	31.4	30.5
Abu Dhabi, UAE	594	7.3	9.6	78.8	3.9	0.5	16.8	21.9	11.8
Dubai, UAE	884	9.3	12.9	75.2	2.2	0.3	22.2	21.1	23.2
Florida, US	377	20.5	17.8	61.2	0.6	0.0	38.2	37.9	38.5
North Carolina, US	260	14.7	19.0	65.1	0.8	0.4	33.7	37.9	29.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S02_10 (S051071): Physical Science / Reasoning
Label: Children on seesaw - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	25.4	11.4	25.4	19.2	20.4	15.1	8.4	21.7	28.4
Australia	870	47.0	8.1	47.0	22.6	19.2	2.5	0.6	43.3	51.2
Austria	675	53.2	6.9	53.2	13.6	19.5	6.8	0.0	50.6	56.2
Azerbaijan	686	37.8	13.0	37.8	11.3	24.1	10.1	3.7	35.9	39.7
Bahrain	583	26.8	17.7	26.8	20.1	32.0	2.6	0.8	22.3	31.6
Belgium (Flemish)	694	47.6	10.9	47.6	19.5	20.5	1.6	0.0	41.3	54.7
Chile	793	37.1	14.2	37.1	19.5	26.6	1.7	0.9	32.2	42.6
Chinese Taipei	612	45.6	5.9	45.6	22.5	23.2	2.7	0.2	41.6	49.4
Croatia	665	47.0	5.2	47.0	20.3	21.0	6.6	0.0	44.3	49.9
Czech Republic	653	61.4	5.6	61.4	17.0	12.5	3.4	0.1	53.5	68.9
Denmark	582	59.6	6.4	59.6	13.9	12.8	6.4	0.9	57.3	62.0
England	488	49.7	6.8	49.7	16.7	23.4	3.1	0.3	45.0	54.1
Finland	668	68.3	3.0	68.3	12.8	9.7	6.2	0.0	67.8	68.8
Georgia	690	33.8	15.8	33.8	19.0	20.9	9.2	1.2	28.1	40.3
Germany	568	61.3	5.1	61.3	12.6	12.4	8.0	0.6	60.8	61.7
Hong Kong SAR	563	47.5	5.1	47.5	22.8	22.6	1.9	0.2	45.8	49.0
Hungary	748	51.0	6.8	51.0	17.3	17.2	6.3	1.4	49.8	52.4
Iran, Islamic Rep. of	828	30.9	13.9	30.9	20.0	25.9	8.0	1.3	27.0	34.8
Ireland	648	40.2	10.9	40.2	18.7	26.3	3.9	0.1	43.2	36.9
Italy	601	41.8	9.3	41.8	18.0	26.8	3.6	0.5	36.0	47.6
Japan	634	66.5	2.9	66.5	15.4	12.1	3.1	0.0	66.7	66.2
Kazakhstan	632	41.7	16.2	41.7	17.2	20.6	1.9	2.4	35.4	47.5
Korea, Rep. of	620	80.6	1.1	80.6	14.5	3.2	0.6	0.0	78.3	82.6
Kuwait	587	20.6	20.4	20.6	14.4	28.2	14.5	1.9	22.1	18.8
Lithuania	669	55.6	6.9	55.6	18.4	15.2	3.9	0.0	52.0	59.2
Malta	511	35.4	11.8	35.4	17.4	25.4	9.7	0.2	29.8	41.1
Morocco	1021	20.7	20.7	20.7	15.5	20.2	17.5	5.4	19.6	21.7
Netherlands	460	62.8	4.6	62.8	17.0	13.5	2.0	0.0	61.9	63.8
New Zealand	785	49.3	8.5	49.3	16.8	21.6	3.3	0.5	49.6	49.0
Northern Ireland	513	40.5	8.2	40.5	24.6	23.5	3.2	0.0	36.1	45.6
Norway	462	52.1	7.9	52.1	18.3	14.4	6.7	0.5	54.8	48.8
Oman	1479	27.3	20.8	27.3	17.2	26.0	6.6	2.2	25.9	28.6
Poland	718	39.4	8.5	39.4	17.6	28.1	5.8	0.6	31.9	45.7
Portugal	574	38.3	9.2	38.3	24.3	26.8	1.5	0.0	33.7	42.8
Qatar	569	29.6	15.6	29.6	21.2	28.9	3.5	1.1	29.2	30.0
Romania	663	44.7	12.0	44.7	17.9	16.2	6.4	2.9	40.7	48.6
Russian Federation	633	52.5	10.6	52.5	20.0	15.2	1.5	0.2	52.8	52.0
Saudi Arabia	661	36.4	14.6	36.4	18.3	28.6	1.6	0.4	33.9	39.1
Serbia	627	51.1	6.6	51.1	17.0	17.3	7.7	0.3	46.7	55.3
Singapore	912	50.6	4.3	50.6	25.0	20.0	0.2	0.0	49.3	51.7
Slovak Republic	805	50.2	9.3	50.2	19.8	17.1	3.6	0.0	44.3	55.9
Slovenia	624	54.0	7.9	54.0	14.4	16.2	7.1	0.4	48.4	59.0
Spain	593	40.1	8.2	40.1	20.8	22.9	7.2	0.8	39.4	40.9
Sweden	666	63.0	5.4	63.0	15.5	10.8	4.6	0.7	59.1	67.1
Thailand	639	34.3	9.7	34.3	16.3	37.9	1.3	0.6	29.8	39.3
Tunisia	659	20.5	13.4	20.5	15.5	23.0	24.5	3.2	19.2	21.7
Turkey	1065	36.7	13.0	36.7	24.9	23.1	1.7	0.6	34.1	39.3
United Arab Emirates	2111	29.9	15.7	29.9	16.3	32.2	5.1	0.8	27.2	32.5
United States	1790	46.4	8.4	46.4	19.2	24.4	1.2	0.3	45.0	48.0
Yemen	1134	16.4	17.3	16.4	16.9	18.5	27.0	3.8	17.5	15.7
International Avg. (50)	37171	44.0	10.0	44.0	18.1	21.0	5.9	1.0	41.2	46.8
Botswana (6)	591	28.9	19.2	28.9	21.8	29.1	0.9	0.0	26.7	31.4
Honduras (6)	569	25.5	24.2	25.5	16.7	25.7	6.5	1.4	23.7	27.8
Yemen (6)	708	23.9	17.9	23.9	16.1	24.4	16.2	1.4	21.4	25.8
Alberta, Canada	516	51.7	7.0	51.7	19.1	19.8	2.1	0.2	48.1	55.8
Ontario, Canada	669	45.4	6.3	45.4	22.6	22.5	2.7	0.5	43.9	46.8
Quebec, Canada	591	50.8	6.7	50.8	18.9	19.3	4.0	0.4	45.7	55.6
Abu Dhabi, UAE	594	27.6	15.6	27.6	17.3	34.2	4.6	0.7	25.2	30.0
Dubai, UAE	884	32.5	13.1	32.5	14.5	34.2	5.0	0.6	29.4	35.2
Florida, US	377	49.0	6.8	49.0	14.6	28.3	1.3	0.0	46.0	52.4
North Carolina, US	260	41.1	7.6	41.1	25.1	23.9	1.9	0.4	35.4	46.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_11 (S051100): Earth Science / Knowing
Label: Which made from waterfall energy -- Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	29.0	16.1	24.6	29.0	12.7	6.9	10.8	30.0	28.1
Australia	870	11.7	28.9	21.6	11.7	35.9	1.0	0.9	10.4	13.3
Austria	675	72.3	8.6	6.5	72.3	10.1	2.2	0.2	68.1	76.9
Azerbaijan	686	49.5	8.8	18.5	49.5	10.9	7.5	4.8	48.9	50.1
Bahrain	583	13.9	30.8	26.4	13.9	26.1	1.3	1.4	13.3	14.5
Belgium (Flemish)	694	27.7	22.3	20.9	27.7	28.6	0.6	0.1	22.8	33.1
Chile	793	19.2	11.7	14.4	19.2	52.1	1.1	1.4	15.1	23.8
Chinese Taipei	612	21.3	23.2	8.6	21.3	46.6	0.1	0.2	17.1	25.2
Croatia	665	54.3	9.2	12.4	54.3	22.5	1.5	0.0	49.0	60.0
Czech Republic	653	40.5	21.6	11.4	40.5	23.9	2.3	0.3	34.8	46.0
Denmark	582	29.1	20.2	22.4	29.1	24.6	2.6	1.1	23.7	34.8
England	488	12.8	28.4	31.4	12.8	26.6	0.4	0.4	12.1	13.3
Finland	668	58.6	14.9	13.6	58.6	12.2	0.7	0.1	52.0	64.5
Georgia	691	29.1	17.1	25.4	29.1	23.1	3.1	2.2	29.0	29.3
Germany	568	62.6	12.0	8.5	62.6	14.2	2.2	0.6	56.7	68.1
Hong Kong SAR	563	41.0	15.9	15.7	41.0	26.0	1.2	0.2	27.9	52.5
Hungary	748	31.0	16.5	15.1	31.0	32.7	2.7	1.9	28.0	34.2
Iran, Islamic Rep. of	828	51.7	8.8	12.5	51.7	22.1	2.7	2.2	49.3	54.1
Ireland	648	23.5	20.0	29.7	23.5	25.3	1.4	0.1	21.9	25.3
Italy	601	42.4	18.1	21.8	42.4	14.4	2.4	0.9	39.0	45.9
Japan	634	25.6	13.4	23.2	25.6	36.7	1.1	0.0	22.0	29.4
Kazakhstan	632	29.7	8.8	34.6	29.7	22.6	1.7	2.6	27.9	31.4
Korea, Rep. of	620	46.9	6.1	8.3	46.9	38.5	0.2	0.0	42.6	50.7
Kuwait	.	.	.	.	.	.	.	.	.	.
Lithuania	669	27.7	16.9	33.3	27.7	20.5	1.4	0.2	26.1	29.3
Malta	511	10.0	35.6	32.8	10.0	19.7	1.3	0.6	8.2	11.7
Morocco	1043	15.3	18.9	26.5	15.3	29.5	3.8	6.0	12.0	18.2
Netherlands	460	30.8	19.1	17.2	30.8	30.9	1.9	0.2	28.4	33.4
New Zealand	785	23.9	18.7	26.0	23.9	29.0	1.8	0.7	19.1	28.6
Northern Ireland	513	12.1	23.2	31.5	12.1	31.4	1.6	0.2	12.2	12.0
Norway	462	50.8	9.3	10.8	50.8	25.1	2.9	1.1	44.5	58.4
Oman	1479	12.7	30.6	27.7	12.7	22.8	3.2	3.0	10.8	14.6
Poland	718	28.2	26.3	11.8	28.2	30.6	2.1	1.1	25.5	30.5
Portugal	574	32.8	14.9	21.7	32.8	29.4	1.2	0.1	31.8	33.8
Qatar	568	19.1	32.2	30.5	19.1	15.4	1.6	1.1	17.0	21.1
Romania	662	56.4	11.2	11.7	56.4	15.4	1.6	3.7	46.4	66.2
Russian Federation	633	34.0	15.8	15.2	34.0	33.8	0.9	0.4	30.6	37.7
Saudi Arabia	666	11.6	25.3	30.2	11.6	30.7	1.6	0.6	10.2	13.2
Serbia	627	68.3	9.9	9.3	68.3	10.1	2.0	0.5	68.3	68.3
Singapore	912	16.8	27.5	40.6	16.8	14.8	0.3	0.0	13.3	20.0
Slovak Republic	805	24.3	24.8	35.0	24.3	14.7	1.1	0.0	20.4	28.0
Slovenia	631	30.6	15.2	15.4	30.6	37.3	0.7	0.8	21.4	38.8
Spain	593	27.5	19.5	15.3	27.5	34.2	2.5	1.0	25.5	29.7
Sweden	666	50.2	11.9	23.2	50.2	12.7	1.2	0.9	44.5	56.2
Thailand	639	32.5	14.2	30.5	32.5	21.3	0.9	0.6	28.2	37.4
Tunisia	680	13.5	29.9	27.1	13.5	18.2	5.3	6.0	11.3	15.6
Turkey	1065	24.6	17.1	44.7	24.6	12.4	0.5	0.7	21.5	27.8
United Arab Emirates	2111	16.0	32.6	27.5	16.0	20.6	2.1	1.1	12.3	19.7
United States	1790	19.0	22.4	26.1	19.0	31.5	0.4	0.6	17.2	20.9
Yemen	1135	15.4	22.1	29.5	15.4	21.6	6.1	5.3	13.1	16.9
International Avg. (49)	36639	31.2	18.9	22.0	31.2	24.5	2.0	1.4	27.8	34.5
Botswana (6)	591	23.9	26.2	30.0	23.9	19.3	0.5	0.1	22.8	25.2
Honduras (6)	569	31.7	16.1	16.0	31.7	31.3	1.6	3.4	28.2	35.9
Yemen (6)	708	22.3	19.5	26.9	22.3	26.5	1.9	2.9	19.5	24.3
Alberta, Canada	516	25.0	25.9	20.4	25.0	28.1	0.4	0.2	22.3	27.9
Ontario, Canada	669	28.3	26.0	23.6	28.3	19.3	1.5	1.2	22.5	33.9
Quebec, Canada	591	42.3	14.3	17.9	42.3	22.0	2.9	0.5	30.8	53.2
Abu Dhabi, UAE	594	12.2	37.7	23.6	12.2	22.7	2.7	1.1	10.0	14.3
Dubai, UAE	884	18.6	29.0	31.1	18.6	18.9	1.7	0.6	14.5	22.3
Florida, US	377	17.1	18.7	31.8	17.1	31.8	0.5	0.0	15.4	19.0
North Carolina, US	260	21.4	24.3	26.5	21.4	26.0	1.4	0.4	19.5	23.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S02_12 (S051156): Earth Science / Knowing
Label: How long ago was plant alive? - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	740	20.7	19.0	24.0	16.7	20.7	7.5	12.0	18.7	22.4
Australia	870	26.4	11.4	32.9	27.4	26.4	0.7	1.2	20.7	32.8
Austria	675	39.9	7.0	24.2	26.0	39.9	2.8	0.2	32.0	48.5
Azerbaijan	686	28.1	23.5	17.2	14.3	28.1	10.1	6.9	24.9	31.3
Bahrain	583	15.8	33.5	27.7	20.5	15.8	0.8	1.6	16.9	14.6
Belgium (Flemish)	694	16.9	22.7	39.0	20.9	16.9	0.3	0.2	12.4	21.9
Chile	793	22.1	25.5	31.3	18.7	22.1	0.7	1.7	17.9	26.7
Chinese Taipei	612	35.3	6.4	26.5	31.3	35.3	0.2	0.3	22.4	47.4
Croatia	665	23.4	13.5	36.5	24.6	23.4	1.8	0.2	16.9	30.4
Czech Republic	653	40.0	8.7	30.2	18.8	40.0	1.1	1.2	34.3	45.3
Denmark	582	30.8	10.7	25.8	28.0	30.8	3.3	1.4	24.7	37.2
England	488	27.2	13.8	28.4	29.8	27.2	0.2	0.5	22.0	32.0
Finland	668	31.0	9.7	27.4	31.5	31.0	0.4	0.1	21.4	39.6
Georgia	691	35.8	19.7	24.4	15.5	35.8	1.9	2.6	34.2	37.6
Germany	568	42.3	4.2	24.3	26.7	42.3	1.9	0.6	33.1	51.0
Hong Kong SAR	563	33.6	4.8	24.5	36.2	33.6	0.2	0.8	24.3	41.6
Hungary	748	30.8	12.8	26.3	27.1	30.8	0.5	2.4	23.4	38.8
Iran, Islamic Rep. of	828	21.3	34.8	24.2	13.6	21.3	3.2	2.9	19.9	22.7
Ireland	648	25.4	9.2	38.1	26.5	25.4	0.6	0.3	20.9	30.4
Italy	601	39.9	11.2	24.5	21.8	39.9	1.5	1.1	38.4	41.4
Japan	634	38.7	4.0	25.5	30.7	38.7	0.7	0.4	27.7	50.0
Kazakhstan	632	23.0	21.3	26.9	24.5	23.0	1.3	3.0	19.9	25.8
Korea, Rep. of	620	64.0	4.0	15.9	16.1	64.0	0.0	0.0	56.6	70.5
Kuwait	585	30.0	25.1	17.7	19.2	30.0	4.6	3.4	34.8	24.7
Lithuania	669	15.6	26.4	38.3	18.6	15.6	0.8	0.3	12.6	18.6
Malta	511	24.8	19.6	34.2	20.6	24.8	0.2	0.6	18.6	31.0
Morocco	1041	17.3	36.2	22.2	15.8	17.3	2.2	6.3	16.0	18.5
Netherlands	460	15.3	14.5	39.2	29.5	15.3	1.1	0.4	10.4	20.6
New Zealand	785	25.1	10.6	29.6	32.0	25.1	1.0	1.6	17.2	33.0
Northern Ireland	513	19.8	8.2	38.7	31.6	19.8	1.1	0.6	15.7	24.7
Norway	462	35.1	8.3	28.8	25.0	35.1	1.3	1.4	29.0	42.4
Oman	1479	19.6	37.6	21.3	15.3	19.6	1.9	4.3	21.0	18.3
Poland	718	29.5	13.6	29.6	24.7	29.5	1.0	1.6	23.5	34.6
Portugal	574	20.8	19.1	37.5	21.4	20.8	0.8	0.3	19.1	22.5
Qatar	567	22.7	31.6	24.9	18.8	22.7	0.2	1.8	22.9	22.5
Romania	661	26.5	16.8	27.0	23.1	26.5	2.6	3.9	25.1	27.8
Russian Federation	633	28.9	14.4	28.0	26.9	28.9	1.1	0.5	26.8	31.3
Saudi Arabia	666	19.1	38.4	26.5	13.7	19.1	1.0	1.2	18.0	20.4
Serbia	627	21.7	22.3	30.5	21.7	21.7	2.8	0.9	20.8	22.6
Singapore	912	31.8	16.0	30.4	21.6	31.8	0.1	0.1	23.7	39.5
Slovak Republic	805	41.8	7.9	27.1	21.5	41.8	1.4	0.4	37.7	45.7
Slovenia	630	32.1	7.6	28.6	30.0	32.1	0.9	0.9	26.6	37.0
Spain	593	33.9	9.6	28.7	24.6	33.9	1.2	2.0	33.5	34.3
Sweden	666	34.8	4.3	24.7	32.6	34.8	2.5	1.1	24.3	45.9
Thailand	639	20.6	32.7	25.1	20.3	20.6	0.3	1.0	17.5	24.0
Tunisia	687	18.5	22.6	26.9	19.7	18.5	5.3	7.0	21.0	16.1
Turkey	1065	20.4	41.9	25.5	10.3	20.4	1.1	0.8	18.6	22.3
United Arab Emirates	2111	23.9	29.8	26.5	16.5	23.9	1.5	1.8	21.2	26.5
United States	1790	32.9	8.7	30.8	26.1	32.9	0.8	0.6	27.7	38.6
Yemen	1136	18.0	28.7	19.5	22.5	18.0	5.3	6.1	22.0	15.4
International Avg. (50)	37227	27.9	17.7	27.9	23.0	27.9	1.7	1.9	23.8	32.0
Botswana (6)	591	17.3	48.5	23.4	10.7	17.3	0.0	0.1	17.7	16.9
Honduras (6)	569	29.6	23.1	24.4	17.6	29.6	1.2	4.1	30.4	28.6
Yemen (6)	708	14.7	45.4	18.7	15.2	14.7	3.0	3.1	14.1	15.1
Alberta, Canada	516	43.1	4.3	22.8	29.3	43.1	0.2	0.4	36.3	50.6
Ontario, Canada	669	31.5	8.6	24.5	32.0	31.5	1.6	1.8	24.0	38.6
Quebec, Canada	591	31.6	9.5	31.3	24.3	31.6	1.5	1.6	25.6	37.3
Abu Dhabi, UAE	594	21.7	32.2	27.7	15.2	21.7	1.2	2.1	20.3	23.1
Dubai, UAE	884	28.0	25.9	26.8	17.2	28.0	1.3	0.9	22.4	32.9
Florida, US	377	35.6	5.9	33.3	23.8	35.6	1.4	0.0	30.2	41.4
North Carolina, US	260	29.1	9.0	33.5	27.3	29.1	0.7	0.4	23.9	34.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S03_01 (S041117): Physical Science / Knowing
Label: Force causing boat to sail - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	75.4	6.5	75.4	7.0	5.5	4.0	1.5	72.9	77.3
Australia	888	95.3	2.1	95.3	1.3	0.6	0.7	0.0	94.7	96.0
Austria	669	97.8	0.6	97.8	0.7	0.6	0.3	0.0	97.8	97.7
Azerbaijan	685	86.6	4.3	86.6	2.9	2.8	3.3	0.1	86.1	87.0
Bahrain	577	88.1	6.6	88.1	4.3	0.4	0.3	0.2	86.4	90.0
Belgium (Flemish)	698	90.2	6.0	90.2	2.7	0.4	0.7	0.0	87.6	92.9
Chile	788	85.6	6.8	85.6	2.5	3.7	1.3	0.2	82.0	89.5
Chinese Taipei	612	99.1	0.8	99.1	0.0	0.1	0.1	0.0	99.4	98.8
Croatia	660	97.5	1.7	97.5	0.2	0.4	0.1	0.0	96.9	98.2
Czech Republic	656	98.2	1.0	98.2	0.3	0.4	0.1	0.0	97.7	98.7
Denmark	560	94.3	2.4	94.3	0.9	0.4	1.7	0.2	94.0	94.6
England	472	90.7	4.5	90.7	3.1	0.7	0.8	0.2	90.6	90.7
Finland	662	96.9	2.3	96.9	0.4	0.2	0.2	0.0	95.9	97.7
Georgia	687	83.0	9.5	83.0	1.7	3.9	1.3	0.5	77.8	88.8
Germany	566	97.1	0.7	97.1	0.7	0.9	0.6	0.0	97.1	97.2
Hong Kong SAR	573	89.6	4.9	89.6	4.3	0.5	0.6	0.2	83.9	94.6
Hungary	743	93.0	2.6	93.0	2.2	0.6	1.5	0.1	92.7	93.2
Iran, Islamic Rep. of	830	84.2	6.9	84.2	4.8	2.1	1.7	0.3	79.3	89.1
Ireland	657	93.2	4.7	93.2	0.9	0.7	0.5	0.0	90.7	95.9
Italy	598	96.4	1.9	96.4	0.4	0.7	0.6	0.1	95.9	96.8
Japan	638	92.9	4.7	92.9	1.2	0.5	0.7	0.0	92.7	93.2
Kazakhstan	631	86.8	9.5	86.8	0.9	2.6	0.1	0.1	86.7	86.9
Korea, Rep. of	622	90.8	5.6	90.8	2.0	0.9	0.6	0.0	87.5	93.9
Kuwait	591	74.1	12.5	74.1	6.4	3.9	2.4	0.7	75.0	73.0
Lithuania	669	93.0	2.8	93.0	2.7	1.3	0.1	0.0	90.6	95.5
Malta	521	88.3	4.9	88.3	3.4	2.7	0.7	0.0	84.4	91.9
Morocco	1068	70.8	13.4	70.8	5.9	5.3	3.5	1.1	69.8	71.7
Netherlands	461	94.1	3.8	94.1	1.5	0.0	0.7	0.0	92.4	96.1
New Zealand	789	93.2	3.5	93.2	1.3	1.3	0.7	0.0	92.5	93.9
Northern Ireland	519	94.8	3.1	94.8	0.9	0.5	0.6	0.2	95.9	93.5
Norway	456	93.3	5.4	93.3	0.2	0.5	0.5	0.0	92.4	94.4
Oman	1487	80.0	7.4	80.0	6.5	3.4	2.0	0.7	80.2	79.8
Poland	713	97.3	0.8	97.3	0.8	0.9	0.1	0.1	97.9	96.8
Portugal	576	96.2	3.1	96.2	0.5	0.2	0.0	0.0	96.6	95.7
Qatar	571	81.3	8.2	81.3	5.5	4.4	0.4	0.3	78.3	84.2
Romania	672	90.8	4.9	90.8	1.5	1.2	1.0	0.6	87.4	94.8
Russian Federation	633	95.9	1.1	95.9	1.7	1.0	0.3	0.0	96.1	95.6
Saudi Arabia	508	80.5	10.0	80.5	6.9	2.1	0.5	0.0	81.9	79.1
Serbia	625	95.2	1.2	95.2	2.2	0.9	0.5	0.0	93.9	96.3
Singapore	909	91.8	5.4	91.8	2.6	0.2	0.0	0.0	89.9	93.5
Slovak Republic	801	94.0	3.1	94.0	1.6	0.4	0.6	0.3	91.6	96.2
Slovenia	638	98.2	0.2	98.2	0.5	0.2	0.7	0.2	96.8	99.3
Spain	593	92.4	4.9	92.4	1.0	0.9	0.3	0.4	94.2	90.7
Sweden	663	95.4	2.2	95.4	0.6	0.3	1.2	0.3	95.3	95.6
Thailand	637	78.9	14.2	78.9	3.2	2.4	1.1	0.2	70.4	87.0
Tunisia	692	83.4	2.9	83.4	4.7	2.0	4.8	2.2	85.9	81.0
Turkey	1064	87.0	5.6	87.0	3.8	2.9	0.5	0.2	86.0	88.2
United Arab Emirates	2111	85.1	7.6	85.1	3.8	2.2	1.0	0.3	85.2	85.0
United States	1800	92.9	2.9	92.9	1.6	0.3	2.0	0.2	91.9	94.1
Yemen	1158	59.9	10.1	59.9	12.5	10.1	6.0	1.4	60.9	59.2
International Avg. (50)	37126	89.6	4.8	89.6	2.6	1.6	1.1	0.3	88.4	90.8
Botswana (6)	600	57.6	6.4	57.6	29.2	6.8	0.0	0.0	54.3	61.2
Honduras (6)	564	83.9	5.2	83.9	4.2	3.3	2.2	1.3	85.1	82.3
Yemen (6)	694	82.2	6.3	82.2	6.5	3.2	1.1	0.8	79.2	84.2
Alberta, Canada	521	94.8	2.2	94.8	2.2	0.2	0.5	0.0	91.2	98.4
Ontario, Canada	670	94.2	2.7	94.2	2.2	0.3	0.3	0.3	93.2	95.2
Quebec, Canada	584	93.0	3.3	93.0	1.6	0.7	1.1	0.3	90.7	95.2
Abu Dhabi, UAE	597	85.7	7.5	85.7	3.8	1.8	1.0	0.1	89.0	82.5
Dubai, UAE	882	87.3	6.9	87.3	3.4	1.4	0.9	0.1	88.7	85.9
Florida, US	383	94.4	2.8	94.4	1.3	0.1	1.3	0.0	94.2	94.7
North Carolina, US	255	94.0	3.8	94.0	0.8	0.5	0.9	0.0	92.5	95.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S03_02 (S041120): Physical Science / Knowing
Label: Objects that produce light - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	47.8	17.2	6.5	47.8	20.3	6.4	1.8	48.0	47.7
Australia	888	45.0	9.1	7.0	45.0	36.7	2.2	0.0	39.3	51.3
Austria	669	50.2	5.9	3.8	50.2	35.8	4.3	0.0	43.7	57.3
Azerbaijan	685	57.9	10.8	4.0	57.9	21.9	5.2	0.1	57.1	58.5
Bahrain	577	52.1	12.5	7.8	52.1	25.7	1.7	0.2	53.8	50.3
Belgium (Flemish)	698	42.7	10.0	7.4	42.7	36.4	3.4	0.0	38.7	46.8
Chile	788	46.5	15.2	7.4	46.5	28.1	2.5	0.2	42.5	50.8
Chinese Taipei	612	40.3	6.9	8.3	40.3	42.0	2.5	0.0	31.7	48.1
Croatia	660	61.5	3.9	2.0	61.5	30.2	2.3	0.0	59.2	64.2
Czech Republic	656	86.4	3.8	0.5	86.4	8.2	1.0	0.0	81.6	90.6
Denmark	560	39.6	10.4	5.1	39.6	40.0	4.7	0.2	31.7	47.8
England	472	42.3	8.8	5.9	42.3	39.6	3.1	0.2	33.4	50.5
Finland	662	59.1	8.7	3.6	59.1	25.8	2.9	0.0	55.2	62.3
Georgia	687	64.7	9.2	1.5	64.7	21.6	2.4	0.5	62.4	67.3
Germany	566	49.1	6.8	5.6	49.1	36.0	2.6	0.0	42.3	55.2
Hong Kong SAR	573	27.6	4.1	0.9	27.6	66.7	0.5	0.2	17.4	36.7
Hungary	743	44.0	7.2	7.5	44.0	36.3	4.6	0.5	40.5	47.2
Iran, Islamic Rep. of	830	57.4	5.6	4.3	57.4	30.6	1.6	0.5	56.9	57.8
Ireland	656	44.6	9.5	7.4	44.6	36.2	2.2	0.0	35.5	54.6
Italy	598	55.7	10.4	4.2	55.7	27.1	2.5	0.1	51.3	59.4
Japan	638	34.9	5.6	13.6	34.9	43.5	2.4	0.0	28.7	41.5
Kazakhstan	631	45.8	8.9	6.5	45.8	37.9	0.9	0.1	48.5	43.1
Korea, Rep. of	622	38.2	4.6	11.5	38.2	44.3	1.3	0.0	31.7	44.2
Kuwait	589	48.1	16.7	9.9	48.1	20.1	4.6	0.7	52.4	43.1
Lithuania	669	59.3	9.8	4.3	59.3	22.5	4.0	0.0	59.8	58.8
Malta	521	46.5	9.2	8.4	46.5	32.8	3.1	0.0	42.0	50.7
Morocco	1067	36.1	29.2	13.7	36.1	13.5	6.2	1.4	35.9	36.3
Netherlands	461	41.4	10.9	6.9	41.4	38.0	2.8	0.0	32.6	52.2
New Zealand	789	45.0	10.1	9.9	45.0	33.5	1.6	0.0	40.6	49.5
Northern Ireland	519	38.5	8.2	12.2	38.5	37.6	3.3	0.2	32.0	45.7
Norway	456	32.1	10.9	6.2	32.1	46.7	4.2	0.0	25.9	38.8
Oman	1487	55.4	16.2	6.2	55.4	17.7	3.6	0.9	57.5	53.1
Poland	713	47.0	18.0	9.0	47.0	22.8	3.1	0.1	39.7	53.5
Portugal	576	56.3	10.1	4.0	56.3	26.6	3.1	0.0	57.0	55.6
Qatar	571	53.2	10.9	8.9	53.2	24.1	2.7	0.3	53.3	53.1
Romania	671	56.1	12.9	5.0	56.1	22.3	3.2	0.6	53.8	58.9
Russian Federation	633	55.0	10.2	6.1	55.0	27.4	1.4	0.0	51.7	58.4
Saudi Arabia	509	50.4	19.0	7.6	50.4	21.2	1.8	0.0	60.1	40.7
Serbia	625	52.7	6.8	1.7	52.7	35.2	3.6	0.0	52.6	52.9
Singapore	909	80.8	2.9	2.2	80.8	14.1	0.0	0.0	80.9	80.7
Slovak Republic	801	70.2	4.7	2.7	70.2	19.8	2.3	0.3	66.8	73.5
Slovenia	632	64.3	10.3	4.1	64.3	17.9	3.2	0.2	61.4	66.8
Spain	593	53.9	6.8	4.3	53.9	31.5	3.1	0.4	52.4	55.3
Sweden	663	50.8	9.3	3.2	50.8	34.4	2.1	0.3	50.3	51.3
Thailand	637	36.3	7.4	5.8	36.3	49.0	1.3	0.2	34.2	38.3
Tunisia	669	41.3	17.4	8.1	41.3	13.6	17.4	2.3	42.8	39.9
Turkey	1064	48.0	5.6	5.8	48.0	39.4	1.0	0.2	47.0	49.1
United Arab Emirates	2111	53.6	11.9	5.8	53.6	26.2	2.2	0.3	54.9	52.3
United States	1800	51.3	6.4	4.6	51.3	34.5	3.0	0.2	47.4	55.5
Yemen	1158	44.3	21.3	12.0	44.3	13.2	7.8	1.5	44.7	44.0
International Avg. (50)	37093	50.0	10.2	6.2	50.0	30.1	3.2	0.3	47.2	52.8
Botswana (6)	600	38.1	19.0	13.5	38.1	28.8	0.6	0.0	34.9	41.5
Honduras (6)	564	39.2	30.7	6.6	39.2	19.2	3.0	1.3	39.6	38.6
Yemen (6)	694	38.5	24.5	9.7	38.5	23.2	3.3	0.8	38.3	38.6
Alberta, Canada	521	56.7	7.9	3.2	56.7	29.4	2.9	0.0	50.5	62.8
Ontario, Canada	670	44.9	5.9	6.2	44.9	41.7	1.0	0.3	36.7	53.3
Quebec, Canada	584	38.8	10.0	7.1	38.8	39.6	4.1	0.3	38.0	39.5
Abu Dhabi, UAE	597	55.5	13.2	5.1	55.5	24.3	1.8	0.1	57.0	54.0
Dubai, UAE	882	50.7	9.1	5.8	50.7	31.4	2.8	0.1	52.1	49.3
Florida, US	383	53.0	4.1	4.7	53.0	36.6	1.6	0.0	43.5	63.6
North Carolina, US	255	45.3	7.6	7.1	45.3	39.6	0.4	0.0	39.9	52.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S03_03 (S041003): Life Science / Knowing
Label: Living-nonliving things in a pond - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	30.5	58.2	9.1	2.3	30.5	31.6	29.7
Australia	888	48.5	49.3	2.1	0.0	48.5	48.6	48.5
Austria	669	31.2	68.0	0.8	0.0	31.2	31.5	30.9
Azerbaijan	684	46.7	34.0	19.2	0.1	46.7	44.1	48.9
Bahrain	577	54.7	43.2	1.9	0.2	54.7	56.9	52.1
Belgium (Flemish)	698	38.1	60.8	1.1	0.0	38.1	34.7	41.5
Chile	788	63.8	33.9	2.0	0.3	63.8	60.8	67.2
Chinese Taipei	612	16.5	81.3	2.1	0.0	16.5	16.6	16.5
Croatia	660	64.8	34.1	1.1	0.0	64.8	65.4	64.2
Czech Republic	656	55.3	40.8	3.9	0.0	55.3	53.0	57.3
Denmark	560	44.7	52.0	2.9	0.4	44.7	48.7	40.6
England	472	46.0	51.4	2.4	0.2	46.0	45.5	46.3
Finland	662	66.3	32.4	1.3	0.0	66.3	68.7	64.3
Georgia	687	19.1	76.5	3.9	0.5	19.1	20.1	17.9
Germany	566	39.9	60.0	0.1	0.0	39.9	39.7	40.1
Hong Kong SAR	573	39.5	60.0	0.4	0.2	39.5	38.2	40.6
Hungary	742	69.6	29.1	0.7	0.5	69.6	68.9	70.3
Iran, Islamic Rep. of	830	46.6	51.1	1.9	0.5	46.6	45.3	47.8
Ireland	657	40.7	58.3	1.0	0.0	40.7	41.4	39.9
Italy	598	66.6	30.3	2.9	0.1	66.6	62.5	70.1
Japan	638	39.1	60.3	0.5	0.1	39.1	38.8	39.4
Kazakhstan	631	68.6	27.6	3.8	0.1	68.6	68.5	68.7
Korea, Rep. of	622	46.5	52.6	0.9	0.0	46.5	45.9	47.1
Kuwait	594	18.6	74.3	6.3	0.9	18.6	17.1	20.3
Lithuania	669	53.9	46.0	0.1	0.0	53.9	54.4	53.5
Malta	521	44.3	53.4	2.2	0.0	44.3	44.9	43.8
Morocco	1071	20.1	61.4	16.5	2.0	20.1	20.0	20.2
Netherlands	461	51.6	48.0	0.4	0.0	51.6	51.8	51.6
New Zealand	787	42.5	55.7	1.8	0.0	42.5	42.5	42.5
Northern Ireland	519	34.3	63.7	1.8	0.2	34.3	30.9	38.1
Norway	456	43.4	52.3	4.3	0.0	43.4	44.7	42.0
Oman	1487	55.2	41.0	2.9	1.0	55.2	58.9	51.4
Poland	713	20.8	76.6	2.5	0.1	20.8	17.1	24.2
Portugal	576	46.1	52.0	1.9	0.0	46.1	46.4	45.8
Qatar	571	39.9	57.2	2.6	0.3	39.9	43.7	36.1
Romania	673	45.2	50.5	3.7	0.6	45.2	41.9	49.1
Russian Federation	633	59.8	39.3	0.9	0.0	59.8	64.1	55.3
Saudi Arabia	509	40.1	55.5	4.4	0.0	40.1	44.7	35.5
Serbia	625	74.7	24.8	0.4	0.0	74.7	74.3	75.2
Singapore	909	88.0	11.9	0.1	0.0	88.0	87.9	88.2
Slovak Republic	801	65.6	33.4	0.8	0.3	65.6	63.5	67.6
Slovenia	638	58.1	41.0	0.7	0.2	58.1	55.7	60.0
Spain	593	66.1	31.5	1.7	0.6	66.1	62.9	69.2
Sweden	663	47.6	50.7	1.4	0.3	47.6	49.8	45.4
Thailand	637	61.4	35.2	3.2	0.2	61.4	62.0	60.7
Tunisia	702	14.8	72.4	10.3	2.5	14.8	16.2	13.4
Turkey	1064	61.6	37.0	1.2	0.2	61.6	57.8	65.6
United Arab Emirates	2111	46.7	50.0	2.9	0.3	46.7	48.9	44.6
United States	1800	57.7	40.1	1.9	0.2	57.7	57.9	57.6
Yemen	1155	13.3	69.0	15.9	1.8	13.3	17.3	10.8
International Avg. (50)	37137	47.1	49.4	3.2	0.3	47.1	47.0	47.2
Botswana (6)	600	24.8	73.9	1.3	0.0	24.8	25.1	24.4
Honduras (6)	564	35.0	58.2	5.3	1.6	35.0	33.2	37.4
Yemen (6)	695	28.2	61.6	9.3	0.8	28.2	30.1	26.9
Alberta, Canada	521	63.1	35.3	1.2	0.4	63.1	58.4	67.7
Ontario, Canada	670	56.5	41.9	1.3	0.3	56.5	54.0	59.0
Quebec, Canada	584	52.1	45.7	1.8	0.3	52.1	47.9	56.1
Abu Dhabi, UAE	597	41.5	55.1	3.3	0.1	41.5	44.6	38.4
Dubai, UAE	882	52.0	44.7	3.2	0.1	52.0	52.6	51.3
Florida, US	383	56.5	42.0	1.6	0.0	56.5	55.7	57.4
North Carolina, US	255	42.3	57.7	0.0	0.0	42.3	38.8	47.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_04 (S041224): Life Science / Knowing
Label: Flowering plant parts - Points: 2

COUNTRY	N	20 %	21 %	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	3.5	6.2	13.9	19.8	39.6	14.2	2.8	23.7	9.7	10.1	9.4
Australia	888	2.6	7.3	34.1	29.5	23.6	2.9	0.0	43.9	9.9	7.7	12.3
Austria	669	6.2	19.0	37.6	21.6	10.3	5.3	0.0	62.8	25.2	25.9	24.5
Azerbaijan	684	7.9	7.0	8.6	28.9	17.0	30.2	0.2	23.6	14.9	16.8	13.3
Bahrain	577	19.6	17.5	32.6	15.0	12.7	2.4	0.3	69.6	37.0	38.2	35.7
Belgium (Flemish)	698	1.9	4.0	38.8	30.9	21.8	2.5	0.1	44.8	6.0	4.4	7.6
Chile	788	4.8	8.5	40.9	18.2	21.0	6.3	0.3	54.2	13.3	11.8	14.9
Chinese Taipei	612	8.9	17.2	26.1	7.8	33.2	6.8	0.0	52.2	26.1	24.1	27.9
Croatia	660	16.9	16.6	28.8	29.3	7.4	1.1	0.0	62.2	33.5	30.5	36.8
Czech Republic	656	20.3	18.3	35.3	19.6	4.6	1.8	0.0	73.9	38.7	36.6	40.5
Denmark	560	4.8	10.6	37.0	18.7	19.1	9.1	0.7	52.4	15.4	18.0	12.6
England	472	7.3	13.9	37.3	16.6	21.7	3.1	0.2	58.5	21.2	20.3	22.1
Finland	662	10.8	21.4	43.1	15.4	8.4	0.9	0.0	75.3	32.2	33.6	31.1
Georgia	687	6.2	3.8	19.8	26.1	33.3	9.7	1.0	29.8	10.0	10.7	9.2
Germany	566	1.5	8.5	48.8	19.9	17.9	3.5	0.0	58.7	10.0	8.5	11.2
Hong Kong SAR	573	7.1	9.1	49.8	2.8	27.0	4.1	0.2	66.0	16.2	14.2	18.0
Hungary	742	16.5	17.6	38.6	17.9	7.8	1.1	0.5	72.6	34.1	31.8	36.2
Iran, Islamic Rep. of	830	12.7	15.3	27.9	13.3	22.9	7.1	0.8	55.9	28.0	26.6	29.4
Ireland	657	2.7	7.5	35.6	19.3	32.4	2.4	0.0	45.9	10.3	9.3	11.4
Italy	598	20.1	16.4	40.7	8.4	9.5	4.4	0.5	77.2	36.5	38.3	34.9
Japan	638	4.7	15.2	55.8	16.5	7.7	0.0	0.1	75.7	20.0	15.1	25.1
Kazakhstan	631	19.6	7.6	17.8	32.0	13.9	8.7	0.4	44.9	27.1	27.4	26.8
Korea, Rep. of	622	17.8	24.5	46.6	5.2	5.4	0.5	0.0	89.0	42.4	41.0	43.6
Kuwait	593	5.9	11.7	19.0	7.2	46.1	9.1	1.1	36.5	17.5	22.9	11.4
Lithuania	669	10.5	10.8	35.4	30.6	11.2	1.5	0.0	56.7	21.3	20.8	21.8
Malta	520	3.5	2.3	20.3	11.6	50.8	11.6	0.0	26.1	5.8	5.0	6.5
Morocco	1070	2.4	9.6	1.9	12.9	54.3	16.2	2.6	13.9	12.0	10.2	13.5
Netherlands	461	2.3	5.2	51.4	28.1	12.2	0.7	0.0	59.0	7.6	7.1	8.2
New Zealand	787	2.4	3.4	44.1	18.0	28.6	3.2	0.3	49.9	5.8	4.5	7.1
Northern Ireland	519	2.1	6.5	34.4	17.4	36.1	3.3	0.2	43.0	8.6	8.0	9.2
Norway	456	1.7	2.8	37.0	26.9	27.7	4.0	0.0	41.5	4.5	4.0	5.0
Oman	1487	11.9	7.1	16.7	10.2	50.0	3.0	1.0	35.8	19.0	21.7	16.3
Poland	713	3.2	9.6	32.3	39.6	13.0	2.2	0.1	45.1	12.8	8.9	16.2
Portugal	576	11.5	19.7	37.7	16.5	13.5	1.2	0.0	68.8	31.2	33.9	28.6
Qatar	571	6.8	6.6	23.5	15.0	42.3	5.4	0.4	36.9	13.4	15.1	11.7
Romania	673	21.2	13.3	21.0	23.4	16.0	4.3	0.8	55.6	34.5	36.3	32.4
Russian Federation	633	10.0	10.4	39.0	12.8	25.7	2.1	0.0	59.4	20.4	19.4	21.4
Saudi Arabia	509	8.7	7.6	25.8	7.0	38.1	12.1	0.7	42.1	16.3	19.1	13.5
Serbia	625	12.5	10.9	29.9	26.7	17.1	2.9	0.1	53.2	23.3	24.4	22.4
Singapore	909	59.5	20.6	13.3	3.5	2.9	0.2	0.0	93.4	80.1	81.4	79.0
Slovak Republic	801	9.9	15.3	36.6	29.5	7.3	1.1	0.3	61.8	25.2	21.1	29.2
Slovenia	638	4.7	10.8	42.8	28.1	11.4	1.9	0.3	58.3	15.5	13.4	17.2
Spain	593	7.3	8.3	40.9	15.6	20.8	6.5	0.6	56.5	15.6	13.6	17.6
Sweden	663	5.3	12.8	42.0	8.3	24.4	6.8	0.3	60.2	18.1	23.0	13.1
Thailand	637	25.8	14.4	33.3	8.9	11.5	5.8	0.3	73.5	40.2	37.1	43.1
Tunisia	702	0.6	1.6	15.9	1.7	63.1	13.8	3.4	18.1	2.2	3.5	0.9
Turkey	1064	4.4	6.5	36.2	8.5	35.7	8.4	0.3	47.2	10.9	10.9	10.9
United Arab Emirates	2111	10.6	11.7	24.4	17.9	30.8	4.2	0.4	46.8	22.3	24.6	20.1
United States	1800	11.3	12.3	38.8	18.3	17.7	1.4	0.2	62.4	23.6	21.9	25.4
Yemen	1155	0.5	0.9	4.3	4.5	73.9	13.7	2.2	5.7	1.4	1.6	1.3
International Avg. (50)	37134	9.6	10.9	31.9	17.6	24.0	5.5	0.5	52.4	20.5	20.3	20.8
Botswana (6)	600	1.6	2.0	18.4	1.9	74.8	1.4	0.0	22.0	3.6	3.1	4.1
Honduras (6)	564	6.8	9.3	31.4	32.1	16.5	2.3	1.8	47.4	16.1	14.6	18.1
Yemen (6)	695	0.7	1.8	12.9	17.5	56.7	9.0	1.4	15.4	2.5	2.0	2.9
Alberta, Canada	521	9.9	11.1	39.9	14.0	22.2	2.4	0.4	61.0	21.1	15.2	26.8
Ontario, Canada	670	8.7	13.1	41.0	16.1	15.8	4.4	0.8	62.9	21.9	22.8	20.9
Quebec, Canada	584	1.8	6.0	41.8	20.9	25.4	3.7	0.5	49.5	7.7	4.4	10.9
Abu Dhabi, UAE	597	8.7	7.9	24.0	16.5	38.2	4.5	0.2	40.6	16.6	19.6	13.7
Dubai, UAE	882	15.6	15.7	25.5	18.5	20.7	3.6	0.3	56.9	31.4	30.2	32.5
Florida, US	383	11.2	12.7	39.1	19.0	16.5	1.1	0.3	63.1	23.9	22.9	25.1
North Carolina, US	255	4.7	8.5	40.1	23.3	21.1	2.3	0.0	53.3	13.2	11.6	15.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_05 (S041163): Life Science / Applying

Label: Group of animals contains reptiles - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	27.1	21.8	27.1	10.3	29.6	7.9	3.2	24.5	29.0
Australia	888	53.1	41.9	53.1	1.3	2.3	1.4	0.0	53.9	52.2
Austria	669	41.4	48.5	41.4	2.4	4.8	2.9	0.0	39.6	43.4
Azerbaijan	685	39.6	14.6	39.6	8.6	30.7	6.2	0.3	40.2	39.1
Bahrain	577	49.2	22.2	49.2	7.3	18.7	2.3	0.3	45.6	53.3
Belgium (Flemish)	698	44.6	43.0	44.6	4.5	5.4	2.3	0.2	41.1	48.0
Chile	788	43.7	35.6	43.7	4.1	13.8	2.2	0.7	36.4	51.7
Chinese Taipei	612	70.3	13.6	70.3	1.7	13.5	0.8	0.0	72.4	68.4
Croatia	660	28.0	57.9	28.0	4.8	6.9	2.4	0.0	20.2	36.5
Czech Republic	656	48.4	31.9	48.4	1.8	16.2	1.6	0.0	46.3	50.3
Denmark	560	23.0	54.3	23.0	2.2	15.9	3.5	1.0	19.7	26.5
England	472	45.8	47.7	45.8	1.8	2.5	2.0	0.2	43.0	48.4
Finland	662	20.6	53.8	20.6	4.6	19.4	1.5	0.0	15.8	24.7
Georgia	686	24.3	50.9	24.3	3.2	17.4	2.9	1.3	22.2	26.6
Germany	566	47.2	41.4	47.2	4.1	4.4	2.8	0.0	45.4	48.9
Hong Kong SAR	573	46.5	32.1	46.5	3.4	16.7	1.0	0.4	48.0	45.2
Hungary	743	35.1	50.7	35.1	4.7	4.8	3.9	0.8	32.9	37.2
Iran, Islamic Rep. of	830	47.3	14.8	47.3	12.1	20.8	3.5	1.6	44.2	50.3
Ireland	657	50.7	40.6	50.7	3.2	4.4	1.1	0.0	48.0	53.7
Italy	598	45.1	44.7	45.1	2.6	4.7	2.5	0.5	41.0	48.5
Japan	638	14.3	69.9	14.3	4.7	9.6	1.4	0.1	11.6	17.1
Kazakhstan	631	33.8	29.2	33.8	7.0	25.5	3.1	1.4	33.7	33.9
Korea, Rep. of	622	25.1	66.5	25.1	2.6	5.0	0.8	0.0	20.7	29.2
Kuwait	588	45.4	20.3	45.4	12.4	12.8	7.6	1.4	48.6	41.8
Lithuania	669	56.2	30.9	56.2	5.5	6.0	1.4	0.0	57.2	55.1
Malta	521	30.5	49.8	30.5	6.5	10.9	2.3	0.0	26.6	34.2
Morocco	1058	35.6	17.8	35.6	16.9	15.5	11.6	2.7	32.2	38.6
Netherlands	461	44.1	49.1	44.1	2.5	4.1	0.2	0.0	34.0	56.6
New Zealand	789	44.4	47.7	44.4	1.5	4.1	2.0	0.4	42.5	46.4
Northern Ireland	519	47.1	46.3	47.1	1.4	3.4	1.7	0.2	44.6	49.8
Norway	456	28.7	32.6	28.7	2.9	33.6	2.2	0.0	28.0	29.5
Oman	1487	52.5	15.9	52.5	12.1	14.5	3.7	1.2	58.1	46.7
Poland	713	32.6	56.4	32.6	4.7	4.6	1.6	0.1	26.7	38.0
Portugal	576	27.5	61.2	27.5	1.8	8.4	1.1	0.0	23.5	31.2
Qatar	571	40.2	32.1	40.2	10.6	13.0	3.3	0.7	41.6	38.7
Romania	672	35.7	51.6	35.7	3.1	4.5	4.3	0.8	33.6	38.1
Russian Federation	633	45.1	40.7	45.1	6.6	5.9	1.7	0.0	45.4	44.7
Saudi Arabia	507	47.8	19.0	47.8	10.8	18.6	3.0	0.9	48.0	47.6
Serbia	625	18.2	49.2	18.2	10.4	19.2	2.2	0.8	17.9	18.4
Singapore	909	55.6	36.1	55.6	4.1	3.9	0.2	0.0	51.4	59.3
Slovak Republic	801	49.8	27.8	49.8	6.2	14.8	0.9	0.5	45.7	53.7
Slovenia	636	51.2	16.8	51.2	4.9	25.7	1.1	0.3	47.3	54.5
Spain	593	39.0	45.4	39.0	2.6	9.2	3.2	0.6	32.0	45.7
Sweden	663	25.4	35.9	25.4	10.4	23.4	4.3	0.7	23.2	27.6
Thailand	637	47.8	4.9	47.8	8.3	37.0	1.6	0.4	43.1	52.2
Tunisia	671	24.6	14.4	24.6	14.9	23.2	17.5	5.4	28.1	21.2
Turkey	1064	20.2	14.2	20.2	8.6	55.8	0.7	0.6	18.5	22.0
United Arab Emirates	2111	44.1	34.3	44.1	6.5	11.8	2.9	0.4	42.8	45.3
United States	1800	54.8	39.8	54.8	1.0	2.8	1.3	0.3	49.4	60.7
Yemen	1158	30.1	15.1	30.1	22.7	18.5	10.9	2.7	33.3	28.1
International Avg. (50)	37088	39.6	36.7	39.6	6.1	14.0	3.1	0.7	37.4	41.8
Botswana (6)	600	25.3	48.0	25.3	12.5	13.4	0.9	0.0	25.7	24.8
Honduras (6)	564	40.9	30.1	40.9	6.2	17.6	3.1	2.1	35.3	48.3
Yemen (6)	695	40.8	18.5	40.8	13.3	21.1	4.5	1.8	40.6	41.0
Alberta, Canada	521	45.2	50.7	45.2	1.4	1.0	0.8	0.8	36.6	53.7
Ontario, Canada	670	53.1	40.4	53.1	1.1	2.5	1.3	1.7	50.3	55.9
Quebec, Canada	584	55.9	37.0	55.9	0.9	3.1	2.4	0.8	53.3	58.2
Abu Dhabi, UAE	597	43.9	31.6	43.9	9.1	11.4	3.8	0.2	42.2	45.6
Dubai, UAE	882	38.4	43.0	38.4	4.6	11.6	1.9	0.4	34.2	42.3
Florida, US	383	56.0	39.2	56.0	1.5	1.8	1.0	0.5	55.7	56.4
North Carolina, US	255	51.2	43.6	51.2	0.5	2.0	1.6	1.2	49.2	53.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S03_06 (S041039): Life Science / Reasoning

Label: Better way to travel around town - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	28.7	7.4	53.5	6.4	4.0	28.7	32.3	25.8
Australia	888	41.6	27.4	29.3	1.0	0.6	41.6	38.1	45.7
Austria	669	60.1	21.0	18.0	0.9	0.0	60.1	60.5	59.6
Azerbaijan	685	11.9	4.4	72.6	10.8	0.3	11.9	13.1	10.9
Bahrain	577	39.0	3.4	55.8	1.2	0.5	39.0	41.8	35.8
Belgium (Flemish)	698	53.1	29.5	16.2	0.5	0.7	53.1	51.0	55.2
Chile	788	63.1	11.5	22.4	1.3	1.7	63.1	61.6	64.7
Chinese Taipei	612	66.9	16.6	12.2	4.3	0.0	66.9	67.8	66.1
Croatia	660	77.7	6.1	15.8	0.4	0.0	77.7	79.4	75.9
Czech Republic	656	63.6	12.2	22.8	1.2	0.2	63.6	55.9	70.3
Denmark	560	44.0	25.0	27.6	1.8	1.6	44.0	49.1	38.6
England	472	46.7	24.6	26.8	1.5	0.3	46.7	49.2	44.5
Finland	662	69.9	13.5	15.6	1.0	0.0	69.9	74.2	66.4
Georgia	686	28.0	11.1	49.2	10.2	1.6	28.0	24.5	31.8
Germany	566	61.8	21.7	15.4	0.6	0.4	61.8	60.3	63.2
Hong Kong SAR	573	45.3	12.5	41.6	0.2	0.4	45.3	49.8	41.4
Hungary	739	67.5	8.7	21.9	0.6	1.3	67.5	71.2	64.0
Iran, Islamic Rep. of	830	60.6	5.4	31.4	0.8	1.8	60.6	60.7	60.4
Ireland	657	40.6	29.8	28.7	0.7	0.1	40.6	45.1	35.8
Italy	598	69.9	7.4	21.1	1.0	0.5	69.9	67.6	71.9
Japan	638	45.0	20.0	34.7	0.1	0.1	45.0	47.5	42.4
Kazakhstan	631	40.5	7.0	43.8	7.1	1.6	40.5	42.5	38.5
Korea, Rep. of	622	83.4	7.2	9.3	0.0	0.0	83.4	86.3	80.8
Kuwait	594	20.5	2.1	69.2	5.3	3.0	20.5	23.7	16.8
Lithuania	669	49.6	13.5	35.9	0.8	0.1	49.6	51.6	47.6
Malta	521	29.7	19.2	50.3	0.8	0.0	29.7	31.5	28.0
Morocco	1067	23.6	4.1	65.0	3.7	3.6	23.6	23.0	24.2
Netherlands	461	53.3	30.5	15.9	0.2	0.0	53.3	53.0	54.1
New Zealand	789	41.9	22.9	33.1	1.5	0.6	41.9	48.2	35.4
Northern Ireland	519	42.6	29.1	27.6	0.5	0.2	42.6	38.5	47.1
Norway	456	49.1	24.3	24.5	1.8	0.3	49.1	50.4	47.7
Oman	1487	18.0	2.3	76.2	1.8	1.7	18.0	19.3	16.7
Poland	713	53.6	8.6	37.4	0.2	0.2	53.6	51.8	55.1
Portugal	576	74.9	7.7	16.6	0.8	0.0	74.9	77.1	73.0
Qatar	571	29.1	4.8	62.6	2.6	1.1	29.1	31.1	27.0
Romania	673	50.9	5.0	40.8	1.8	1.5	50.9	49.0	53.2
Russian Federation	633	67.4	2.3	30.2	0.1	0.0	67.4	68.3	66.4
Saudi Arabia	509	28.4	6.1	62.6	1.2	1.7	28.4	30.5	26.4
Serbia	625	62.5	9.1	26.2	0.9	1.4	62.5	65.8	59.5
Singapore	909	54.5	19.8	25.5	0.1	0.1	54.5	53.7	55.1
Slovak Republic	801	60.3	8.8	29.6	0.8	0.5	60.3	61.0	59.6
Slovenia	638	72.6	13.1	13.7	0.1	0.5	72.6	72.8	72.5
Spain	593	64.0	11.3	21.4	2.4	0.9	64.0	68.7	59.4
Sweden	663	68.2	16.3	13.2	1.1	1.2	68.2	70.1	66.2
Thailand	637	35.9	15.4	45.4	2.9	0.4	35.9	39.0	32.9
Tunisia	702	35.5	1.9	53.2	2.2	7.3	35.5	40.8	30.4
Turkey	1064	38.0	7.7	53.2	0.3	0.7	38.0	35.5	40.7
United Arab Emirates	2111	31.3	6.9	59.6	1.3	0.9	31.3	34.5	28.1
United States	1800	43.4	32.5	22.1	1.5	0.5	43.4	41.5	45.5
Yemen	1157	3.8	0.2	86.2	5.9	3.8	3.8	4.3	3.5
International Avg. (50)	37134	48.2	13.2	35.7	1.9	1.0	48.2	49.3	47.2
Botswana (6)	600	21.6	6.2	71.0	1.0	0.2	21.6	21.9	21.3
Honduras (6)	564	29.8	6.0	60.3	1.2	2.7	29.8	26.3	34.4
Yemen (6)	695	25.2	3.1	67.0	2.6	2.2	25.2	25.8	24.7
Alberta, Canada	519	54.0	30.4	13.6	1.2	0.8	54.0	52.6	55.3
Ontario, Canada	670	51.3	29.1	16.6	1.1	2.0	51.3	55.5	47.0
Quebec, Canada	584	44.6	38.8	13.8	1.7	1.2	44.6	47.4	42.0
Abu Dhabi, UAE	597	30.7	7.1	59.9	1.3	1.0	30.7	34.9	26.6
Dubai, UAE	882	40.0	11.3	47.4	0.9	0.4	40.0	41.6	38.6
Florida, US	383	45.5	26.7	26.8	0.0	1.0	45.5	41.2	50.4
North Carolina, US	255	36.0	40.1	19.8	2.1	2.0	36.0	34.4	38.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_07 (S041014): Life Science / Applying
Label: One function of fruit - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	25.4	25.4	19.3	9.0	22.8	18.7	4.8	21.8	28.1
Australia	888	26.4	26.4	29.0	11.0	29.8	3.2	0.6	24.5	28.4
Austria	669	26.9	26.9	17.3	6.0	43.2	6.7	0.0	26.4	27.4
Azerbaijan	685	39.3	39.3	10.7	6.5	27.8	15.4	0.4	40.9	37.9
Bahrain	577	32.3	32.3	25.3	12.5	27.3	1.6	1.0	31.7	33.0
Belgium (Flemish)	698	23.6	23.6	19.0	15.3	39.0	2.4	0.7	21.6	25.6
Chile	788	32.0	32.0	16.6	11.9	33.5	3.9	2.0	31.8	32.3
Chinese Taipei	612	40.1	40.1	25.8	3.6	29.4	1.1	0.0	39.0	41.0
Croatia	660	32.0	32.0	26.1	9.5	27.9	4.4	0.2	31.2	32.9
Czech Republic	656	31.5	31.5	25.9	7.1	32.4	2.7	0.4	29.2	33.6
Denmark	560	29.4	29.4	23.9	6.3	32.6	6.2	1.6	29.5	29.2
England	472	29.8	29.8	26.0	10.2	31.1	2.5	0.3	24.2	35.0
Finland	662	34.3	34.3	27.7	4.2	32.6	1.1	0.0	31.0	37.2
Georgia	685	20.0	20.0	18.9	10.7	43.4	5.2	1.9	17.7	22.5
Germany	566	31.3	31.3	16.9	5.0	43.3	3.0	0.4	29.8	32.7
Hong Kong SAR	573	32.1	32.1	28.3	10.6	27.9	0.8	0.4	30.9	33.1
Hungary	743	24.8	24.8	25.0	14.1	29.1	5.7	1.4	26.9	22.7
Iran, Islamic Rep. of	830	31.6	31.6	20.2	9.4	34.2	2.6	2.0	29.7	33.4
Ireland	657	32.1	32.1	29.8	10.4	26.7	0.9	0.1	31.5	32.8
Italy	598	41.3	41.3	11.6	9.7	34.0	2.8	0.6	45.3	37.9
Japan	638	25.8	25.8	39.2	8.1	26.3	0.6	0.1	25.0	26.6
Kazakhstan	631	33.4	33.4	27.0	5.6	28.3	4.0	1.6	32.7	34.2
Korea, Rep. of	622	44.0	44.0	35.1	5.7	14.6	0.5	0.0	43.8	44.3
Kuwait	590	25.0	25.0	24.1	12.1	29.2	7.1	2.6	29.0	20.3
Lithuania	669	28.2	28.2	11.8	13.9	42.6	3.3	0.1	30.1	26.2
Malta	521	30.0	30.0	30.4	8.8	27.0	3.7	0.0	29.8	30.1
Morocco	1059	33.5	33.5	26.1	11.9	17.2	7.7	3.7	34.1	33.0
Netherlands	461	24.8	24.8	18.5	18.0	36.2	2.5	0.0	21.5	28.3
New Zealand	789	24.6	24.6	34.2	9.3	28.9	2.2	0.8	25.2	24.0
Northern Ireland	519	30.5	30.5	32.7	12.1	23.5	0.8	0.4	31.7	29.3
Norway	456	31.5	31.5	7.8	9.3	49.3	1.7	0.4	31.2	31.8
Oman	1487	25.6	25.6	29.1	8.6	29.2	5.8	1.7	26.5	24.7
Poland	713	35.3	35.3	12.5	12.7	36.2	3.2	0.2	35.9	34.8
Portugal	576	33.9	33.9	25.1	8.4	29.8	2.9	0.0	34.8	33.0
Qatar	571	27.8	27.8	29.2	8.8	28.6	4.4	1.2	30.2	25.3
Romania	673	44.7	44.7	17.1	9.8	22.5	4.4	1.5	45.2	44.0
Russian Federation	633	34.6	34.6	14.1	7.2	40.8	3.3	0.0	34.2	35.0
Saudi Arabia	506	28.5	28.5	25.4	10.8	31.9	1.7	1.7	30.8	26.3
Serbia	625	32.9	32.9	28.1	11.5	21.4	4.0	2.0	36.4	29.8
Singapore	909	60.7	60.7	16.7	8.1	14.1	0.3	0.1	60.0	61.4
Slovak Republic	801	41.3	41.3	26.6	8.5	20.8	2.3	0.5	43.1	39.5
Slovenia	635	38.1	38.1	23.4	13.0	22.8	2.2	0.5	38.4	38.0
Spain	593	33.9	33.9	17.7	9.6	34.0	3.8	0.9	37.8	30.1
Sweden	663	22.0	22.0	30.7	4.7	38.6	2.7	1.4	21.5	22.4
Thailand	637	24.3	24.3	22.9	16.9	32.3	2.5	1.1	22.5	26.0
Tunisia	688	14.5	14.5	30.0	13.2	22.1	11.9	8.3	14.5	14.6
Turkey	1064	26.4	26.4	41.2	10.1	20.2	1.5	0.7	25.6	27.2
United Arab Emirates	2111	33.1	33.1	23.9	9.1	30.4	2.5	1.0	33.0	33.1
United States	1800	41.0	41.0	27.3	7.9	21.6	1.6	0.5	38.3	43.9
Yemen	1156	14.3	14.3	26.0	21.3	24.0	10.6	3.9	14.3	14.2
International Avg. (50)	37104	31.2	31.2	23.9	10.0	29.8	3.9	1.1	31.0	31.4
Botswana (6)	600	21.9	21.9	35.7	10.0	31.5	0.8	0.2	21.5	22.2
Honduras (6)	563	44.0	44.0	12.5	4.5	32.4	3.9	2.7	45.7	41.8
Yemen (6)	695	16.0	16.0	32.3	14.9	31.1	3.6	2.2	15.9	16.0
Alberta, Canada	521	26.6	26.6	32.8	11.9	24.8	2.9	1.0	22.9	30.3
Ontario, Canada	670	29.7	29.7	29.6	10.8	24.7	3.2	2.1	28.6	30.8
Quebec, Canada	584	22.0	22.0	18.5	7.3	47.7	3.3	1.2	22.5	21.6
Abu Dhabi, UAE	597	31.9	31.9	25.1	10.3	29.8	1.9	1.0	31.6	32.2
Dubai, UAE	882	35.1	35.1	23.1	8.7	30.3	2.4	0.4	34.5	35.6
Florida, US	383	33.2	33.2	30.6	9.0	24.9	1.3	1.0	34.0	32.3
North Carolina, US	255	31.7	31.7	40.4	5.9	19.6	0.4	2.0	28.5	36.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S03_08 (S041181): Life Science / Applying
Label: Influenza passing between people -- Points: 1

COUNTRY	N	10 %	11 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	20.3	19.0	15.9	17.4	5.7	15.1	6.6	55.2	55.8	54.8
Australia	888	34.1	9.4	3.5	7.8	27.7	16.3	1.2	47.1	51.1	42.6
Austria	669	39.2	20.5	9.9	8.2	9.7	12.6	0.0	69.5	70.8	68.0
Azerbaijan	685	28.8	8.4	22.2	9.2	8.3	21.8	1.3	59.5	64.4	55.0
Bahrain	577	36.8	8.2	3.2	10.8	26.3	13.2	1.4	48.2	48.8	47.5
Belgium (Flemish)	698	42.8	19.6	7.5	14.9	9.1	4.8	1.2	69.9	69.5	70.3
Chile	788	35.8	17.4	0.9	16.8	16.4	9.6	3.1	54.1	53.3	54.9
Chinese Taipei	612	35.7	15.8	15.2	8.2	16.4	8.5	0.2	66.7	70.3	63.5
Croatia	660	60.0	7.6	6.8	16.1	5.8	3.2	0.6	74.4	74.5	74.2
Czech Republic	656	54.6	12.3	6.4	12.3	7.6	6.2	0.6	73.3	70.0	76.2
Denmark	560	44.6	19.7	4.5	8.0	14.0	6.7	2.5	68.8	72.2	65.2
England	472	54.3	15.2	3.6	9.2	10.9	6.2	0.6	73.2	80.4	66.6
Finland	662	49.3	21.3	2.7	7.8	11.6	7.3	0.0	73.4	74.4	72.5
Georgia	685	36.3	22.7	8.2	12.7	8.5	9.0	2.5	67.2	68.9	65.3
Germany	566	41.8	23.8	1.9	8.0	13.1	10.6	0.8	67.4	63.9	70.7
Hong Kong SAR	573	13.0	9.0	37.6	3.1	27.3	9.7	0.4	59.6	65.1	54.7
Hungary	742	54.1	14.3	4.7	9.5	10.3	5.1	2.0	73.1	76.3	70.1
Iran, Islamic Rep. of	830	18.6	34.2	2.5	11.4	12.8	17.9	2.5	55.4	57.5	53.2
Ireland	657	37.6	12.8	1.3	8.3	24.2	15.6	0.2	51.7	51.7	51.6
Italy	598	20.9	13.5	4.2	24.0	21.8	14.8	0.8	38.6	36.9	40.1
Japan	638	58.2	7.7	12.3	5.8	13.8	1.9	0.3	78.2	76.7	79.6
Kazakhstan	631	40.8	6.0	22.1	4.6	18.4	5.7	2.3	69.0	72.5	65.4
Korea, Rep. of	622	50.7	8.1	7.8	4.4	25.3	3.7	0.0	66.6	70.5	63.1
Kuwait	594	15.6	7.9	2.9	7.5	32.2	30.3	3.5	26.4	30.2	22.2
Lithuania	669	57.9	20.7	2.4	6.1	10.4	2.1	0.4	81.0	84.6	77.3
Malta	521	23.6	9.6	2.1	22.2	24.2	18.1	0.2	35.2	38.4	32.2
Morocco	1069	7.9	18.1	4.4	2.5	24.4	37.6	5.1	30.4	32.1	28.9
Netherlands	461	53.0	16.1	2.7	9.9	16.2	2.1	0.0	71.7	74.9	67.7
New Zealand	789	51.6	13.9	2.5	8.1	18.2	4.3	1.4	68.0	72.1	63.7
Northern Ireland	519	56.8	16.4	2.3	7.3	11.7	5.0	0.5	75.5	75.4	75.6
Norway	456	46.3	12.6	0.9	9.9	19.9	9.8	0.6	59.8	65.0	54.1
Oman	1487	20.4	10.5	2.0	11.8	32.6	19.4	3.3	32.9	33.8	32.0
Poland	713	38.3	12.0	0.7	7.5	24.6	15.9	1.0	51.0	51.6	50.6
Portugal	576	34.5	20.1	2.8	23.4	13.4	5.2	0.6	57.4	59.2	55.8
Qatar	571	24.3	8.7	4.8	7.3	33.9	19.8	1.2	37.7	38.7	36.8
Romania	673	50.2	10.7	5.4	16.6	8.4	6.9	1.8	66.3	61.8	71.5
Russian Federation	633	60.4	4.1	10.9	4.1	14.8	5.6	0.0	75.5	78.1	72.7
Saudi Arabia	509	20.1	8.2	11.7	9.5	33.4	14.6	2.6	40.0	47.2	32.7
Serbia	625	48.3	17.5	6.8	8.5	10.2	6.1	2.8	72.5	76.6	68.8
Singapore	909	41.3	11.1	5.3	9.5	30.0	2.7	0.1	57.7	57.6	57.8
Slovak Republic	801	56.6	11.6	8.0	9.4	9.0	4.4	1.0	76.2	76.3	76.1
Slovenia	638	44.6	12.2	3.1	20.5	11.1	7.9	0.6	59.9	57.6	61.9
Spain	593	33.4	23.9	2.7	10.9	17.8	9.4	1.9	60.1	63.6	56.7
Sweden	663	60.7	9.8	13.1	4.2	5.6	5.2	1.5	83.5	86.7	80.2
Thailand	637	45.1	14.5	4.1	7.6	18.4	8.8	1.6	63.6	66.0	61.3
Tunisia	702	12.9	13.6	5.8	17.0	28.7	12.2	9.8	32.3	32.9	31.7
Turkey	1064	33.3	15.4	5.0	27.0	14.4	3.7	1.1	53.8	50.0	57.9
United Arab Emirates	2111	21.3	12.7	3.9	12.8	27.1	20.8	1.5	37.9	41.0	34.8
United States	1800	27.6	24.3	2.0	6.3	31.9	6.8	1.2	53.9	53.8	54.1
Yemen	1157	2.8	1.1	1.0	0.8	44.2	45.6	4.5	4.9	4.8	4.9
International Avg. (50)	37138	37.9	14.1	6.5	10.5	18.2	11.1	1.6	58.5	60.1	56.9
Botswana (6)	600	40.4	4.4	6.4	0.5	43.0	4.7	0.5	51.2	56.2	45.9
Honduras (6)	564	44.5	23.5	4.2	3.4	13.8	7.1	3.4	72.3	74.9	68.8
Yemen (6)	695	15.6	14.3	10.9	9.1	26.2	21.5	2.3	40.8	36.3	44.0
Alberta, Canada	521	31.5	18.3	2.6	6.0	27.2	12.4	1.9	52.5	51.0	54.0
Ontario, Canada	669	30.4	15.6	2.2	10.2	24.4	13.8	3.4	48.3	53.9	42.5
Quebec, Canada	584	46.9	23.0	1.8	3.1	19.7	4.1	1.3	71.8	75.5	68.3
Abu Dhabi, UAE	597	15.6	14.1	4.4	13.2	31.4	19.8	1.5	34.1	38.1	30.2
Dubai, UAE	882	26.2	10.9	2.7	13.1	24.2	22.2	0.7	39.8	44.3	35.7
Florida, US	383	26.9	22.8	2.3	9.1	29.4	7.6	1.9	52.0	47.9	56.5
North Carolina, US	255	24.3	20.8	3.1	8.0	34.6	6.8	2.4	48.3	47.0	49.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_09 (S041174): Life Science / Applying
Label: Migration of birds - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	12.7	28.4	20.7	31.0	7.2	41.1	43.9	39.0
Australia	888	10.6	8.0	58.4	21.7	1.4	18.6	17.7	19.5
Austria	669	15.8	64.8	6.8	12.6	0.0	80.6	82.3	78.6
Azerbaijan	685	6.3	26.5	19.5	46.1	1.6	32.7	35.2	30.5
Bahrain	577	17.4	17.2	46.4	17.2	1.8	34.6	33.4	35.8
Belgium (Flemish)	698	8.8	10.2	67.3	12.3	1.5	18.9	17.5	20.4
Chile	788	14.7	4.3	48.3	28.2	4.5	19.0	20.5	17.3
Chinese Taipei	612	9.4	17.5	53.6	19.3	0.2	26.9	23.6	29.9
Croatia	660	16.8	56.1	10.8	15.7	0.6	72.9	74.3	71.3
Czech Republic	656	19.3	44.2	20.9	14.6	1.0	63.5	66.7	60.7
Denmark	560	16.6	28.3	30.7	22.0	2.5	44.9	44.1	45.6
England	472	11.0	8.2	46.7	32.8	1.3	19.2	15.5	22.6
Finland	662	24.5	47.6	16.4	11.5	0.0	72.2	74.3	70.3
Georgia	685	10.0	22.7	31.1	32.1	4.1	32.7	34.2	31.0
Germany	566	7.9	16.4	44.3	30.5	0.8	24.3	25.8	23.1
Hong Kong SAR	573	3.0	5.8	69.9	20.8	0.5	8.8	5.3	11.9
Hungary	742	19.6	35.8	25.7	15.7	3.1	55.5	56.3	54.7
Iran, Islamic Rep. of	830	13.1	21.4	33.5	28.5	3.5	34.5	35.3	33.8
Ireland	657	12.6	18.2	41.8	27.3	0.2	30.7	27.1	34.6
Italy	596	16.4	36.0	23.1	23.4	1.0	52.4	52.1	52.6
Japan	638	10.8	27.5	51.8	9.5	0.3	38.3	39.1	37.5
Kazakhstan	631	18.0	33.2	33.1	13.2	2.5	51.2	52.0	50.4
Korea, Rep. of	622	7.7	32.6	50.1	9.6	0.0	40.3	43.8	37.0
Kuwait	593	8.7	3.3	44.0	40.2	3.8	12.0	13.4	10.4
Lithuania	669	14.4	30.2	31.6	23.4	0.4	44.6	44.2	45.1
Malta	521	4.5	3.6	47.2	44.2	0.4	8.2	7.8	8.5
Morocco	1064	3.8	13.6	30.4	46.1	6.1	17.4	18.0	16.8
Netherlands	461	10.6	13.4	71.2	4.8	0.0	24.0	21.7	26.8
New Zealand	789	10.6	12.5	58.0	17.2	1.6	23.1	25.7	20.4
Northern Ireland	519	10.5	24.7	37.4	26.9	0.5	35.3	31.9	39.0
Norway	456	8.4	22.1	39.6	28.5	1.4	30.5	28.2	33.0
Oman	1487	15.2	4.3	50.5	26.3	3.7	19.5	24.3	14.6
Poland	713	17.2	18.7	33.1	29.6	1.3	35.9	39.5	32.7
Portugal	576	11.6	35.0	35.9	16.6	0.8	46.6	48.2	45.1
Qatar	571	9.0	9.0	51.6	29.0	1.3	18.0	18.7	17.4
Romania	673	15.3	30.6	30.1	21.8	2.2	45.9	46.1	45.7
Russian Federation	633	22.5	44.8	24.5	8.1	0.1	67.3	70.6	63.7
Saudi Arabia	509	16.7	15.9	42.9	21.7	2.8	32.6	39.4	25.9
Serbia	625	13.6	33.9	24.8	23.9	3.9	47.5	49.9	45.3
Singapore	909	25.2	45.1	27.5	2.1	0.1	70.3	72.8	68.1
Slovak Republic	801	18.2	52.1	17.1	11.6	1.0	70.3	70.2	70.5
Slovenia	638	22.1	33.9	26.5	16.7	0.8	56.0	58.2	54.1
Spain	593	3.8	14.4	42.5	36.8	2.6	18.2	17.4	18.9
Sweden	663	27.2	36.6	22.2	12.1	1.8	63.8	66.7	60.8
Thailand	637	18.2	8.7	57.8	13.8	1.6	26.8	25.7	27.8
Tunisia	702	7.3	8.7	48.3	25.4	10.3	16.0	19.5	12.6
Turkey	1062	11.7	33.3	41.7	12.1	1.3	45.0	47.6	42.2
United Arab Emirates	2111	10.6	8.2	50.3	28.7	2.2	18.8	21.2	16.4
United States	1800	14.5	32.8	45.7	5.6	1.4	47.3	47.0	47.6
Yemen	1158	2.6	0.4	42.9	49.3	4.8	3.0	2.5	3.3
International Avg. (50)	37129	13.1	24.0	38.5	22.4	2.0	37.2	37.9	36.4
Botswana (6)	600	1.5	0.7	88.4	8.3	1.1	2.2	1.5	3.0
Honduras (6)	564	5.9	6.1	67.3	16.3	4.4	12.0	8.6	16.6
Yemen (6)	695	11.9	3.7	51.8	29.9	2.7	15.6	16.1	15.2
Alberta, Canada	521	11.3	28.9	45.6	12.3	1.9	40.2	43.9	36.6
Ontario, Canada	669	15.0	27.0	39.3	15.3	3.5	42.0	43.0	40.9
Quebec, Canada	584	16.0	21.3	42.6	18.6	1.6	37.2	33.8	40.4
Abu Dhabi, UAE	597	8.2	7.0	54.5	27.6	2.7	15.2	17.0	13.4
Dubai, UAE	882	8.3	10.8	51.0	28.8	1.1	19.1	23.1	15.3
Florida, US	383	13.0	28.8	50.9	5.1	2.1	41.8	40.0	43.9
North Carolina, US	255	15.7	27.3	46.4	8.2	2.4	43.0	42.7	43.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_10 (S041049): Physical Science / Reasoning
Label: Properties of two materials - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	29.3	13.2	15.5	29.3	9.7	23.5	8.8	28.2	30.3
Australia	888	43.3	19.0	21.4	43.3	10.7	4.0	1.5	40.5	46.6
Austria	669	49.5	15.4	17.0	49.5	10.1	7.8	0.1	47.8	51.4
Azerbaijan	685	42.2	12.2	13.6	42.2	11.6	18.4	1.9	44.6	40.1
Bahrain	577	36.5	20.2	28.8	36.5	10.6	2.0	2.0	36.7	36.3
Belgium (Flemish)	698	49.5	16.3	20.2	49.5	10.2	1.9	2.0	49.3	49.6
Chile	788	36.7	19.6	21.0	36.7	12.3	4.8	5.6	34.4	39.3
Chinese Taipei	612	80.8	4.8	9.5	80.8	4.4	0.2	0.3	83.1	78.7
Croatia	660	58.6	12.8	9.2	58.6	11.6	7.2	0.7	55.6	61.9
Czech Republic	656	51.1	14.6	14.2	51.1	9.9	8.5	1.7	50.1	51.9
Denmark	560	45.6	18.2	12.6	45.6	6.5	13.3	3.8	46.7	44.4
England	472	47.0	15.9	20.5	47.0	10.8	3.8	2.0	44.4	49.4
Finland	662	66.1	13.2	13.5	66.1	5.1	2.0	0.0	66.3	65.9
Georgia	687	30.2	19.7	21.7	30.2	10.9	12.9	4.6	31.3	29.0
Germany	566	49.6	14.8	19.1	49.6	10.8	4.7	1.0	45.9	52.9
Hong Kong SAR	573	65.9	8.3	19.9	65.9	4.2	1.0	0.7	65.7	66.1
Hungary	743	58.2	11.5	15.0	58.2	7.3	4.4	3.6	58.7	57.7
Iran, Islamic Rep. of	830	41.4	14.3	19.9	41.4	14.8	5.2	4.5	41.9	40.8
Ireland	657	39.7	20.7	24.6	39.7	10.6	4.0	0.3	38.3	41.3
Italy	598	48.2	16.8	18.2	48.2	8.4	6.5	1.9	47.9	48.5
Japan	638	74.1	8.4	10.9	74.1	5.0	0.9	0.7	73.7	74.5
Kazakhstan	631	50.5	16.4	14.9	50.5	11.4	4.1	2.7	52.2	48.7
Korea, Rep. of	622	68.7	2.9	25.0	68.7	2.8	0.5	0.2	65.3	71.8
Kuwait	586	31.6	17.6	26.0	31.6	12.8	8.1	3.9	30.9	32.3
Lithuania	669	48.8	20.0	20.7	48.8	5.9	4.1	0.5	51.5	46.1
Malta	520	32.7	22.3	23.0	32.7	15.9	5.4	0.8	32.7	32.7
Morocco	1053	24.4	19.0	32.0	24.4	12.4	6.9	5.3	26.0	22.9
Netherlands	461	62.0	11.0	17.6	62.0	6.6	2.7	0.0	61.2	63.4
New Zealand	788	39.8	19.1	23.7	39.8	11.9	3.4	2.2	41.8	37.6
Northern Ireland	519	38.7	22.7	25.0	38.7	8.9	3.9	0.8	38.4	39.0
Norway	456	35.6	25.6	20.0	35.6	8.6	8.1	2.0	30.6	41.1
Oman	1487	32.1	17.7	27.5	32.1	11.9	6.6	4.2	34.4	29.7
Poland	713	48.8	18.3	18.1	48.8	6.5	6.6	1.6	46.7	50.8
Portugal	576	60.2	12.3	15.2	60.2	8.6	2.6	1.0	61.9	58.7
Qatar	571	34.5	20.5	26.7	34.5	11.9	4.8	1.6	35.3	33.7
Romania	672	46.1	14.8	22.5	46.1	9.8	3.4	3.3	46.9	45.0
Russian Federation	633	67.1	11.3	13.4	67.1	4.4	3.5	0.3	69.4	64.6
Saudi Arabia	507	39.3	19.2	23.8	39.3	11.8	2.6	3.3	39.5	39.2
Serbia	625	57.8	10.7	15.3	57.8	3.6	7.6	4.9	61.5	54.6
Singapore	909	78.0	4.5	13.4	78.0	3.4	0.7	0.1	80.8	75.4
Slovak Republic	801	58.5	10.7	14.5	58.5	12.2	3.1	1.0	59.8	57.3
Slovenia	634	50.6	16.2	17.0	50.6	11.0	4.3	0.8	49.4	51.6
Spain	593	44.0	18.7	22.0	44.0	8.2	4.2	2.9	42.1	45.8
Sweden	663	50.2	14.6	18.7	50.2	6.1	7.9	2.4	48.8	51.6
Thailand	637	35.9	15.2	29.4	35.9	15.8	2.2	1.6	33.5	38.1
Tunisia	685	25.8	9.1	28.1	25.8	12.6	12.0	12.4	23.9	27.7
Turkey	1064	53.2	13.3	19.2	53.2	11.1	1.6	1.6	56.0	50.1
United Arab Emirates	2111	37.0	18.1	23.6	37.0	13.8	4.9	2.6	36.7	37.3
United States	1800	50.0	14.1	21.7	50.0	10.2	2.2	1.8	51.0	49.0
Yemen	1159	25.2	15.2	26.5	25.2	15.0	13.2	5.0	27.6	23.7
International Avg. (50)	37093	47.4	15.2	19.8	47.4	9.6	5.6	2.4	47.3	47.5
Botswana (6)	598	37.6	12.9	31.2	37.6	16.3	0.8	1.3	37.4	37.7
Honduras (6)	564	20.5	27.6	25.0	20.5	16.0	6.1	4.7	17.9	23.9
Yemen (6)	693	31.7	14.7	30.5	31.7	16.1	4.1	3.0	29.9	33.0
Alberta, Canada	521	43.9	21.7	19.5	43.9	9.6	3.0	2.3	43.9	43.8
Ontario, Canada	670	44.2	15.8	21.5	44.2	11.2	3.0	4.4	44.2	44.1
Quebec, Canada	584	42.5	19.9	17.7	42.5	12.0	5.8	2.1	39.5	45.3
Abu Dhabi, UAE	597	35.4	19.1	24.8	35.4	12.7	4.3	3.6	33.7	37.2
Dubai, UAE	882	43.5	16.7	19.9	43.5	14.4	4.3	1.1	44.2	43.0
Florida, US	383	50.9	14.4	19.6	50.9	10.6	2.2	2.3	49.4	52.6
North Carolina, US	255	46.4	15.3	17.9	46.4	13.2	3.5	3.7	42.3	51.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S03_11 (S041208): Earth Science / Knowing

Label: How often Earth rotates on axis - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	43.6	4.0	43.6	6.7	32.5	3.2	10.1	38.9	47.0
Australia	888	43.9	11.4	43.9	11.6	28.0	3.6	1.5	42.0	46.1
Austria	669	57.0	5.9	57.0	5.2	27.8	3.4	0.6	54.8	59.4
Azerbaijan	685	59.0	9.8	59.0	2.2	21.6	5.2	2.2	55.7	62.1
Bahrain	577	68.6	9.0	68.6	5.6	13.7	0.7	2.3	70.7	66.3
Belgium (Flemish)	698	52.8	10.6	52.8	6.2	27.2	1.0	2.2	52.1	53.5
Chile	788	57.8	8.4	57.8	5.9	18.7	3.1	6.1	56.0	59.7
Chinese Taipei	612	46.5	8.0	46.5	9.4	35.5	0.2	0.3	42.4	50.3
Croatia	660	49.9	7.2	49.9	5.4	33.3	3.3	1.0	48.9	51.0
Czech Republic	656	51.5	4.4	51.5	4.4	36.0	1.7	2.0	53.1	50.1
Denmark	560	47.5	7.3	47.5	8.9	26.9	5.5	4.0	47.1	47.9
England	472	49.0	9.1	49.0	8.7	27.8	2.6	2.9	46.2	51.5
Finland	662	44.8	5.1	44.8	12.3	35.9	1.6	0.2	38.2	50.2
Georgia	687	64.4	6.9	64.4	3.1	17.7	3.1	4.8	66.4	62.1
Germany	566	54.4	9.1	54.4	6.1	26.4	2.8	1.2	48.8	59.4
Hong Kong SAR	573	46.3	12.8	46.3	7.8	30.3	2.2	0.7	40.8	51.2
Hungary	743	55.2	5.8	55.2	5.3	26.8	2.0	4.8	51.8	58.4
Iran, Islamic Rep. of	830	62.7	4.6	62.7	5.8	20.5	1.5	4.9	61.0	64.3
Ireland	657	41.8	15.0	41.8	10.6	30.2	2.1	0.3	38.7	45.1
Italy	598	53.4	14.7	53.4	4.1	21.8	3.3	2.7	51.4	55.0
Japan	638	58.3	6.3	58.3	4.9	29.3	0.3	0.9	53.8	63.0
Kazakhstan	631	63.2	9.8	63.2	4.1	18.5	1.3	3.1	63.6	62.7
Korea, Rep. of	622	51.5	14.8	51.5	6.5	26.8	0.1	0.3	47.1	55.6
Kuwait	588	37.5	10.3	37.5	20.2	22.5	5.5	4.0	39.2	35.5
Lithuania	669	67.2	2.0	67.2	4.2	25.1	0.9	0.6	66.6	67.8
Malta	521	42.8	12.0	42.8	12.0	29.1	3.3	0.8	45.6	40.0
Morocco	1057	38.6	20.1	38.6	15.4	15.2	5.1	5.6	40.6	37.0
Netherlands	461	52.2	6.0	52.2	11.4	28.1	2.0	0.2	47.8	58.0
New Zealand	788	44.0	19.0	44.0	11.2	21.4	1.7	2.6	40.1	48.1
Northern Ireland	519	41.7	16.8	41.7	12.5	25.7	2.1	1.1	41.4	42.1
Norway	456	46.6	7.9	46.6	10.5	28.2	3.5	3.3	43.6	49.8
Oman	1487	53.0	10.2	53.0	12.0	16.7	3.5	4.7	57.1	48.7
Poland	713	49.2	12.7	49.2	5.5	28.8	1.3	2.6	47.3	50.9
Portugal	576	68.7	6.2	68.7	3.5	19.1	0.9	1.6	68.9	68.6
Qatar	571	58.6	12.1	58.6	11.7	13.9	1.9	1.9	59.2	57.9
Romania	672	58.7	12.8	58.7	5.1	19.1	1.0	3.3	58.0	59.4
Russian Federation	633	56.9	10.4	56.9	4.1	26.6	1.6	0.4	56.1	57.7
Saudi Arabia	507	65.1	6.7	65.1	11.2	12.7	0.2	4.0	69.5	60.8
Serbia	625	51.4	10.2	51.4	5.3	23.9	3.3	5.8	49.6	53.0
Singapore	909	44.7	24.2	44.7	8.0	22.2	0.9	0.1	43.0	46.2
Slovak Republic	801	69.6	2.3	69.6	2.6	23.5	0.8	1.2	72.4	66.8
Slovenia	637	67.4	6.7	67.4	2.7	21.0	0.9	1.3	66.4	68.2
Spain	593	66.0	7.6	66.0	1.7	18.6	3.0	3.2	67.2	64.8
Sweden	663	42.3	3.3	42.3	8.7	39.6	2.4	3.6	41.3	43.3
Thailand	637	54.1	3.8	54.1	7.3	32.4	0.8	1.6	53.0	55.3
Tunisia	697	35.8	6.7	35.8	14.1	21.9	7.9	13.6	35.8	35.8
Turkey	1064	65.3	10.2	65.3	5.9	16.4	0.6	1.6	67.1	63.4
United Arab Emirates	2111	58.5	9.8	58.5	10.0	16.7	2.0	3.0	62.2	54.9
United States	1800	52.4	10.7	52.4	7.1	24.2	3.2	2.3	50.5	54.4
Yemen	1158	37.1	13.2	37.1	18.9	17.4	8.1	5.3	38.2	36.4
International Avg. (50)	37114	53.0	9.5	53.0	7.9	24.5	2.5	2.8	51.9	53.9
Botswana (6)	598	42.7	11.1	42.7	17.2	26.5	0.8	1.6	43.5	41.9
Honduras (6)	564	48.8	10.0	48.8	5.4	27.1	3.5	5.1	44.7	54.2
Yemen (6)	693	42.8	13.9	42.8	13.6	23.8	2.8	3.0	37.5	46.5
Alberta, Canada	521	44.1	15.6	44.1	5.9	28.2	3.4	2.9	41.6	46.6
Ontario, Canada	670	40.8	15.1	40.8	8.9	27.6	2.5	5.1	36.8	44.9
Quebec, Canada	584	50.5	14.1	50.5	6.4	23.0	3.2	2.8	50.3	50.8
Abu Dhabi, UAE	597	57.1	10.7	57.1	11.4	14.5	2.4	3.9	62.7	51.6
Dubai, UAE	882	59.4	9.8	59.4	6.8	20.8	2.1	1.2	59.1	59.7
Florida, US	383	54.9	9.3	54.9	4.5	25.1	2.2	3.9	53.7	56.2
North Carolina, US	255	46.4	12.6	46.4	7.7	27.0	0.7	5.6	44.4	49.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S03_12 (S041060): Physical Science / Applying
Label: Identifies gas - Points: 1

COUNTRY	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	5.8	22.4	14.5	16.5	1.5	29.2	10.1	5.8	7.7	4.4
Australia	888	24.1	23.0	20.1	23.6	1.7	5.9	1.6	24.1	24.9	23.3
Austria	669	24.0	15.9	21.7	20.7	3.1	13.8	0.7	24.0	23.5	24.6
Azerbaijan	685	8.6	27.9	10.8	9.1	2.1	38.2	3.4	8.6	9.8	7.5
Bahrain	577	10.1	41.9	17.6	22.7	1.9	3.4	2.4	10.1	10.0	10.2
Belgium (Flemish)	698	12.8	20.7	26.4	28.9	1.5	7.3	2.3	12.8	11.7	13.9
Chile	788	15.9	28.3	21.9	16.1	1.8	9.6	6.2	15.9	16.9	14.9
Chinese Taipei	612	22.4	17.9	19.6	37.7	0.1	2.0	0.3	22.4	23.3	21.6
Croatia	660	13.0	29.1	18.8	25.2	0.7	12.3	1.0	13.0	13.2	12.8
Czech Republic	656	20.7	25.9	14.2	20.3	3.7	12.8	2.3	20.7	16.2	24.6
Denmark	560	16.5	20.3	16.3	19.3	9.0	14.7	4.0	16.5	14.5	18.7
England	472	30.0	19.9	22.6	18.0	1.0	5.4	3.1	30.0	36.1	24.4
Finland	662	36.8	17.9	16.6	20.4	1.2	6.9	0.4	36.8	39.3	34.6
Georgia	687	3.9	24.1	14.0	17.4	13.0	22.9	4.8	3.9	3.4	4.4
Germany	566	15.8	21.7	22.9	25.5	1.1	11.7	1.3	15.8	13.3	18.0
Hong Kong SAR	573	17.6	28.9	19.4	29.0	3.2	1.1	0.8	17.6	17.6	17.7
Hungary	741	20.6	22.2	19.3	22.4	3.4	7.2	4.9	20.6	19.5	21.6
Iran, Islamic Rep. of	830	13.8	32.7	15.2	19.1	2.7	11.3	5.1	13.8	14.6	13.1
Ireland	657	19.1	23.7	25.6	22.2	1.5	7.4	0.4	19.1	19.3	19.0
Italy	598	33.3	18.4	15.6	16.5	2.2	11.0	3.0	33.3	32.9	33.7
Japan	638	15.9	19.3	18.7	41.1	1.1	3.1	0.9	15.9	17.2	14.5
Kazakhstan	631	23.5	20.5	8.9	12.9	15.2	15.8	3.1	23.5	22.7	24.4
Korea, Rep. of	622	27.9	17.8	21.5	26.3	2.8	3.3	0.4	27.9	26.5	29.2
Kuwait	594	5.0	37.1	21.4	15.9	8.9	6.9	4.8	5.0	6.3	3.5
Lithuania	.	.	.	.	.	.	.	.	.	.	.
Malta	521	13.5	29.1	26.5	17.1	5.2	7.8	0.8	13.5	14.0	13.0
Morocco	1069	9.7	28.7	26.0	8.4	11.9	8.1	7.1	9.7	11.3	8.4
Netherlands	461	22.3	20.3	21.4	28.3	2.9	4.5	0.2	22.3	22.1	22.7
New Zealand	789	19.6	24.6	25.4	19.6	2.2	5.9	2.7	19.6	19.9	19.3
Northern Ireland	519	25.7	21.3	22.0	21.8	1.8	6.3	1.1	25.7	27.4	23.8
Norway	456	10.9	26.2	23.5	23.7	0.9	11.2	3.7	10.9	9.9	11.9
Oman	1487	14.2	33.0	17.4	14.4	10.4	5.7	4.9	14.2	15.6	12.8
Poland	713	18.3	27.7	19.5	17.9	0.9	12.8	3.0	18.3	15.7	20.6
Portugal	576	21.4	26.1	19.2	23.1	1.0	7.5	1.7	21.4	20.8	22.1
Qatar	571	10.8	34.7	19.0	18.8	9.6	5.1	2.0	10.8	10.4	11.2
Romania	673	25.8	26.4	18.1	12.5	7.4	6.6	3.3	25.8	24.8	26.9
Russian Federation	633	40.7	23.1	11.0	17.7	1.4	5.6	0.4	40.7	43.4	37.7
Saudi Arabia	508	5.8	43.9	19.9	16.3	7.0	3.2	4.0	5.8	8.1	3.5
Serbia	625	16.3	27.6	14.3	20.9	1.8	12.7	6.4	16.3	16.6	15.9
Singapore	909	30.3	22.8	14.7	30.8	0.6	0.8	0.1	30.3	32.1	28.6
Slovak Republic	801	14.5	29.0	15.9	24.4	2.8	12.2	1.2	14.5	13.4	15.6
Slovenia	638	20.1	21.8	20.8	23.3	4.7	7.9	1.4	20.1	17.9	21.9
Spain	593	16.1	24.3	19.6	21.3	5.1	10.3	3.4	16.1	17.8	14.4
Sweden	663	23.7	23.4	17.5	20.1	1.5	10.1	3.7	23.7	23.9	23.5
Thailand	637	7.4	29.1	22.7	27.0	3.2	9.0	1.6	7.4	8.0	6.9
Tunisia	702	5.7	21.7	22.3	12.8	14.5	9.3	13.7	5.7	6.1	5.3
Turkey	1064	21.4	27.9	17.4	19.7	5.1	6.7	1.7	21.4	21.8	21.1
United Arab Emirates	2111	14.3	29.5	21.4	19.1	6.5	6.1	3.1	14.3	15.5	13.1
United States	1800	28.8	19.0	19.1	24.0	1.5	4.8	2.7	28.8	27.6	30.1
Yemen	1158	0.4	12.5	9.7	4.8	54.9	12.3	5.3	0.4	0.9	0.1
International Avg. (49)	36470	17.9	25.1	18.9	20.7	5.1	9.3	3.0	17.9	18.1	17.7
Botswana (6)	598	4.8	37.9	23.2	20.6	9.5	2.0	2.0	4.8	3.7	6.1
Honduras (6)	564	7.9	30.7	18.8	15.9	9.0	12.5	5.1	7.9	9.0	6.4
Yemen (6)	692	3.0	37.9	21.1	18.8	9.0	7.3	3.0	3.0	3.6	2.7
Alberta, Canada	521	18.7	24.2	17.9	27.2	3.0	5.9	3.1	18.7	17.9	19.5
Ontario, Canada	670	17.3	21.6	19.0	24.6	3.1	9.3	5.1	17.3	17.7	16.9
Quebec, Canada	584	16.1	22.5	20.9	23.6	4.0	10.1	2.8	16.1	12.9	19.0
Abu Dhabi, UAE	597	11.0	32.4	19.7	19.1	7.2	6.5	4.1	11.0	12.5	9.5
Dubai, UAE	882	20.1	24.9	23.4	21.5	3.3	5.5	1.3	20.1	19.9	20.3
Florida, US	383	28.7	17.2	20.1	23.5	1.1	5.0	4.5	28.7	29.8	27.4
North Carolina, US	255	20.9	18.3	24.5	23.2	1.3	5.8	6.0	20.9	19.9	22.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_l3A (S041201A): Earth Science / Applying
Label: Advantage to farming by a river - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	21.6	20.8	36.0	21.6	21.6	18.6	23.8
Australia	888	43.7	39.0	14.4	2.9	43.7	40.1	47.8
Austria	669	53.5	22.0	20.9	3.7	53.5	53.9	53.1
Azerbaijan	685	28.4	19.0	40.0	12.6	28.4	29.8	27.2
Bahrain	577	28.5	51.5	14.8	5.1	28.5	27.6	29.6
Belgium (Flemish)	698	44.2	43.0	7.8	5.0	44.2	40.5	47.8
Chile	787	34.6	45.2	11.4	8.8	34.6	32.9	36.5
Chinese Taipei	612	61.0	30.2	8.1	0.8	61.0	65.9	56.4
Croatia	660	43.4	34.2	18.4	3.9	43.4	41.7	45.3
Czech Republic	656	58.8	26.7	10.6	3.8	58.8	56.7	60.7
Denmark	560	51.5	27.9	13.4	7.2	51.5	55.2	47.6
England	472	52.0	29.1	14.3	4.6	52.0	52.7	51.2
Finland	662	69.8	19.3	9.9	1.1	69.8	73.5	66.7
Georgia	687	34.5	30.7	24.7	10.0	34.5	35.7	33.2
Germany	566	55.5	23.8	17.7	3.0	55.5	52.9	57.8
Hong Kong SAR	573	53.6	38.2	7.2	1.0	53.6	55.2	52.1
Hungary	741	36.9	40.1	15.0	7.9	36.9	37.0	36.8
Iran, Islamic Rep. of	830	47.8	24.9	20.3	7.1	47.8	49.7	45.8
Ireland	657	51.4	34.6	12.3	1.7	51.4	48.8	54.1
Italy	598	57.5	26.7	11.1	4.7	57.5	59.6	55.7
Japan	638	32.6	51.0	14.6	1.9	32.6	37.5	27.5
Kazakhstan	631	43.3	32.8	18.0	5.9	43.3	46.6	40.0
Korea, Rep. of	622	83.4	13.7	1.7	1.2	83.4	86.4	80.7
Kuwait	594	13.4	44.8	34.3	7.6	13.4	17.7	8.6
Lithuania	668	50.0	38.2	11.1	0.6	50.0	48.5	51.6
Malta	521	26.3	44.1	26.3	3.3	26.3	24.7	27.8
Morocco	1071	12.5	31.8	43.9	11.7	12.5	14.9	10.5
Netherlands	461	51.4	44.4	3.0	1.2	51.4	50.3	53.1
New Zealand	788	37.9	46.6	10.3	5.3	37.9	41.0	34.6
Northern Ireland	519	51.8	35.8	10.6	1.8	51.8	50.0	53.7
Norway	456	41.4	31.9	18.4	8.3	41.4	44.4	38.2
Oman	1486	13.2	44.0	35.4	7.4	13.2	14.8	11.6
Poland	713	44.0	31.2	18.6	6.2	44.0	42.4	45.5
Portugal	576	61.4	29.4	5.9	3.3	61.4	58.7	63.8
Qatar	571	23.1	49.5	23.8	3.5	23.1	26.2	20.1
Romania	673	52.9	28.4	13.7	5.1	52.9	54.1	51.5
Russian Federation	633	53.6	31.3	12.9	2.2	53.6	53.2	54.0
Saudi Arabia	508	24.7	46.0	23.1	6.2	24.7	29.7	19.8
Serbia	625	37.6	31.8	20.4	10.2	37.6	39.7	35.8
Singapore	908	62.2	35.2	2.3	0.3	62.2	63.8	60.8
Slovak Republic	801	38.0	48.4	11.4	2.2	38.0	37.9	38.1
Slovenia	638	39.3	42.1	15.7	2.9	39.3	41.0	37.8
Spain	593	34.8	42.4	17.2	5.6	34.8	36.0	33.6
Sweden	663	52.7	22.2	18.4	6.8	52.7	55.0	50.2
Thailand	637	56.5	29.4	10.4	3.6	56.5	59.8	53.5
Tunisia	702	16.5	39.5	26.5	17.5	16.5	19.2	13.8
Turkey	1064	35.9	51.1	10.2	2.8	35.9	35.2	36.6
United Arab Emirates	2111	26.7	44.1	24.1	5.0	26.7	27.2	26.3
United States	1800	48.9	40.6	6.1	4.3	48.9	46.3	51.7
Yemen	1158	3.3	43.0	44.5	9.1	3.3	2.0	4.2
International Avg. (50)	37136	41.9	35.4	17.2	5.4	41.9	42.6	41.3
Botswana (6)	598	40.4	53.2	4.3	2.1	40.4	44.5	35.9
Honduras (6)	564	16.2	64.8	11.1	7.9	16.2	11.4	22.7
Yemen (6)	693	13.8	51.6	29.1	5.5	13.8	19.2	10.0
Alberta, Canada	519	59.3	30.1	6.3	4.3	59.3	55.2	63.3
Ontario, Canada	670	53.7	28.5	9.1	8.7	53.7	52.7	54.7
Quebec, Canada	584	42.8	44.2	8.6	4.4	42.8	37.2	48.1
Abu Dhabi, UAE	597	19.0	49.8	25.3	5.8	19.0	21.6	16.5
Dubai, UAE	882	37.3	37.2	22.3	3.2	37.3	38.6	36.2
Florida, US	383	37.8	48.2	7.0	7.0	37.8	34.8	41.2
North Carolina, US	255	34.7	47.6	8.6	9.1	34.7	30.1	40.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S03_l3B (S041201B): Earth Science / Applying
Label: Disadvantage to farming by a river - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	729	14.7	24.1	27.3	34.0	14.7	13.5	15.6
Australia	888	35.7	46.9	10.6	6.9	35.7	39.9	31.0
Austria	669	47.4	25.3	16.1	11.2	47.4	48.5	46.2
Azerbaijan	685	25.1	16.9	34.7	23.3	25.1	26.8	23.5
Bahrain	577	14.8	59.4	13.4	12.4	14.8	16.0	13.4
Belgium (Flemish)	698	39.4	46.3	7.0	7.3	39.4	36.8	41.9
Chile	788	22.5	53.1	9.9	14.5	22.5	21.6	23.5
Chinese Taipei	612	52.2	36.9	7.5	3.5	52.2	53.6	50.9
Croatia	660	22.5	45.9	21.7	9.9	22.5	24.0	20.8
Czech Republic	656	60.1	24.9	7.5	7.5	60.1	61.6	58.7
Denmark	560	44.1	33.7	10.3	11.9	44.1	49.1	38.9
England	472	42.6	37.3	10.5	9.7	42.6	43.3	41.9
Finland	662	54.8	31.0	10.6	3.7	54.8	58.9	51.3
Georgia	687	29.4	29.9	21.9	18.7	29.4	27.8	31.3
Germany	566	45.9	30.4	14.2	9.5	45.9	44.9	46.8
Hong Kong SAR	573	45.3	45.7	5.9	3.2	45.3	45.5	45.1
Hungary	741	43.0	31.7	11.8	13.5	43.0	46.0	40.1
Iran, Islamic Rep. of	830	21.6	40.4	22.2	15.8	21.6	22.7	20.5
Ireland	657	46.3	38.4	8.4	6.9	46.3	46.8	45.7
Italy	598	55.0	23.5	13.6	7.9	55.0	52.6	57.1
Japan	638	25.9	55.6	10.2	8.3	25.9	32.5	18.9
Kazakhstan	631	25.3	47.7	14.7	12.3	25.3	25.8	24.8
Korea, Rep. of	622	63.6	31.6	2.6	2.2	63.6	65.8	61.6
Kuwait	594	5.2	49.3	23.9	21.5	5.2	6.1	4.2
Lithuania	669	34.4	50.9	9.9	4.7	34.4	36.1	32.6
Malta	521	16.4	50.0	20.6	13.0	16.4	15.7	17.0
Morocco	1070	6.2	30.2	31.8	31.8	6.2	7.8	4.8
Netherlands	461	52.1	42.9	2.9	2.1	52.1	53.8	50.3
New Zealand	788	37.9	44.6	8.3	9.2	37.9	41.5	34.2
Northern Ireland	519	42.6	43.8	8.3	5.3	42.6	39.1	46.5
Norway	456	24.8	42.7	16.4	16.1	24.8	27.0	22.4
Oman	1486	7.4	50.4	23.3	19.0	7.4	8.9	5.8
Poland	713	43.7	30.0	14.9	11.4	43.7	43.6	43.8
Portugal	576	43.7	43.3	7.6	5.5	43.7	39.8	47.2
Qatar	571	12.5	54.6	21.6	11.3	12.5	12.4	12.6
Romania	673	52.5	26.5	10.4	10.6	52.5	52.8	52.2
Russian Federation	633	42.4	40.6	10.4	6.6	42.4	41.6	43.2
Saudi Arabia	507	10.6	57.1	14.5	17.8	10.6	11.9	9.2
Serbia	625	23.7	38.7	20.0	17.6	23.7	24.0	23.5
Singapore	909	49.1	47.7	2.4	0.8	49.1	52.3	46.2
Slovak Republic	801	54.8	28.9	11.1	5.2	54.8	50.5	58.9
Slovenia	638	51.4	30.3	11.9	6.5	51.4	53.4	49.7
Spain	593	24.5	46.7	15.8	13.0	24.5	24.0	24.9
Sweden	663	33.1	39.2	13.9	13.8	33.1	37.8	28.3
Thailand	637	52.2	32.1	9.3	6.3	52.2	51.9	52.4
Tunisia	702	6.8	35.2	32.1	25.8	6.8	7.3	6.3
Turkey	1064	31.9	51.6	10.0	6.5	31.9	30.7	33.1
United Arab Emirates	2111	14.4	52.3	18.8	14.5	14.4	15.3	13.7
United States	1800	35.3	53.7	4.1	6.9	35.3	33.9	36.9
Yemen	1158	0.5	29.0	43.6	27.0	0.5	0.4	0.6
International Avg. (50)	37137	33.7	40.0	14.6	11.7	33.7	34.5	33.0
Botswana (6)	598	27.6	64.4	4.3	3.7	27.6	27.8	27.4
Honduras (6)	564	38.0	40.5	9.7	11.8	38.0	36.2	40.4
Yemen (6)	692	7.0	53.2	23.0	16.8	7.0	7.1	6.9
Alberta, Canada	520	41.6	47.3	5.0	6.2	41.6	40.6	42.5
Ontario, Canada	670	36.3	43.9	7.0	12.7	36.3	36.1	36.6
Quebec, Canada	584	34.9	50.2	8.0	7.0	34.9	26.1	43.0
Abu Dhabi, UAE	597	9.4	56.1	18.9	15.6	9.4	11.1	7.7
Dubai, UAE	882	21.4	50.0	16.3	12.3	21.4	21.2	21.6
Florida, US	383	23.8	60.5	5.9	9.8	23.8	23.2	24.5
North Carolina, US	255	25.0	55.9	6.4	12.6	25.0	23.2	27.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_01 (S051041): Life Science / Knowing
Label: Which is a mammal - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	75.5	2.7	6.2	75.5	5.9	4.7	5.1	76.6	74.6
Australia	882	57.0	9.4	16.4	57.0	13.7	3.2	0.3	55.9	58.1
Austria	668	53.4	13.3	16.0	53.4	11.4	5.9	0.0	51.5	55.3
Azerbaijan	693	64.3	3.4	10.1	64.3	16.3	4.8	1.0	61.8	66.8
Bahrain	576	62.2	10.3	13.3	62.2	11.2	2.1	0.9	62.4	61.9
Belgium (Flemish)	704	41.6	12.5	19.1	41.6	15.0	11.6	0.2	42.0	41.3
Chile	790	57.4	9.1	15.9	57.4	14.0	2.3	1.4	55.2	59.4
Chinese Taipei	613	77.4	1.3	11.8	77.4	4.2	5.4	0.0	72.4	81.8
Croatia	646	28.6	18.6	13.1	28.6	36.0	3.6	0.0	24.6	32.7
Czech Republic	662	83.2	3.1	7.1	83.2	5.6	1.0	0.0	85.3	81.1
Denmark	563	69.6	4.9	13.3	69.6	8.9	2.6	0.7	72.1	67.1
England	482	57.9	10.3	12.3	57.9	15.4	3.7	0.6	58.3	57.5
Finland	667	66.5	9.8	12.1	66.5	7.0	4.5	0.1	72.5	60.8
Georgia	678	65.2	1.9	8.5	65.2	10.8	13.3	0.3	62.9	67.3
Germany	569	51.8	10.2	16.9	51.8	14.0	7.0	0.0	50.3	53.3
Hong Kong SAR	575	44.2	5.8	29.3	44.2	18.5	1.9	0.4	43.2	45.1
Hungary	729	74.5	7.2	6.4	74.5	3.2	7.7	0.9	78.1	70.9
Iran, Islamic Rep. of	822	51.8	14.6	21.5	51.8	9.0	2.6	0.6	48.2	55.3
Ireland	647	50.8	6.8	22.0	50.8	17.7	2.4	0.2	49.6	52.1
Italy	605	62.7	8.4	12.4	62.7	11.3	4.7	0.5	63.6	61.9
Japan	627	29.8	25.0	17.1	29.8	20.4	7.6	0.1	28.8	30.8
Kazakhstan	630	58.4	21.1	9.4	58.4	9.5	1.1	0.6	54.4	62.2
Korea, Rep. of	625	29.6	33.9	10.8	29.6	25.3	0.4	0.0	27.1	32.0
Kuwait	587	34.5	14.8	18.1	34.5	21.3	9.8	1.5	31.5	38.1
Lithuania	664	48.4	16.6	21.0	48.4	9.5	4.5	0.0	46.3	50.5
Malta	522	39.4	13.8	20.9	39.4	18.8	7.0	0.2	36.5	42.0
Morocco	1103	39.3	14.1	17.0	39.3	13.6	15.0	0.8	38.5	40.0
Netherlands	454	47.3	8.9	19.9	47.3	14.7	9.1	0.0	44.2	51.5
New Zealand	788	51.2	7.8	20.3	51.2	16.6	2.4	1.6	52.9	49.6
Northern Ireland	516	59.7	7.9	13.8	59.7	15.4	3.2	0.0	59.4	60.2
Norway	450	39.3	20.7	23.6	39.3	8.8	6.9	0.6	46.4	31.7
Oman	1492	48.4	14.0	13.0	48.4	17.0	6.9	0.7	51.2	45.5
Poland	711	71.4	7.7	11.8	71.4	5.5	3.6	0.0	71.6	71.2
Portugal	572	67.1	4.3	14.5	67.1	11.7	2.4	0.0	66.6	67.5
Qatar	585	45.5	14.8	16.2	45.5	19.4	3.6	0.5	49.6	41.8
Romania	675	48.1	6.9	12.6	48.1	24.1	7.5	0.9	48.5	47.6
Russian Federation	626	48.0	29.1	10.6	48.0	10.2	2.0	0.0	48.9	47.1
Saudi Arabia	509	62.0	18.4	9.6	62.0	9.7	0.1	0.2	64.9	59.1
Serbia	622	51.2	10.7	11.7	51.2	18.9	7.3	0.2	53.5	48.9
Singapore	906	77.3	1.4	10.5	77.3	9.7	1.0	0.1	76.4	78.2
Slovak Republic	800	72.1	7.2	11.0	72.1	7.1	2.6	0.1	70.6	73.6
Slovenia	629	49.4	14.5	12.7	49.4	19.6	3.5	0.3	49.3	49.6
Spain	600	65.4	5.7	11.0	65.4	11.4	6.5	0.0	62.3	68.3
Sweden	682	48.8	21.6	13.3	48.8	8.9	7.0	0.4	51.1	46.6
Thailand	638	64.4	1.4	17.7	64.4	14.0	2.5	0.0	59.0	69.0
Tunisia	685	43.0	9.0	11.5	43.0	10.4	24.4	1.6	46.1	40.1
Turkey	1065	62.3	6.7	14.4	62.3	14.8	1.4	0.4	60.2	64.4
United Arab Emirates	2104	53.0	14.4	11.9	53.0	15.2	4.9	0.6	53.2	52.8
United States	1800	70.9	3.7	14.5	70.9	7.2	3.0	0.6	70.8	71.1
Yemen	1153	37.0	14.0	12.2	37.0	17.9	16.8	2.2	39.3	35.5
International Avg. (50)	37115	55.2	11.1	14.3	55.2	13.5	5.4	0.5	54.9	55.4
Botswana (6)	604	48.8	19.9	14.5	48.8	14.9	2.0	0.0	51.5	45.8
Honduras (6)	561	71.3	3.5	8.2	71.3	10.2	5.2	1.6	68.5	74.7
Yemen (6)	700	49.1	15.8	12.9	49.1	14.1	7.0	1.2	50.3	48.3
Alberta, Canada	514	68.0	4.2	14.7	68.0	10.0	2.6	0.6	66.1	69.6
Ontario, Canada	671	65.4	5.8	12.0	65.4	12.8	3.5	0.6	66.2	64.5
Quebec, Canada	599	57.5	7.1	12.9	57.5	16.4	5.9	0.1	65.1	49.5
Abu Dhabi, UAE	601	54.6	16.2	11.5	54.6	11.1	5.7	0.8	54.4	54.9
Dubai, UAE	872	52.3	8.6	14.4	52.3	20.9	3.2	0.6	53.9	50.9
Florida, US	379	74.0	1.9	14.6	74.0	9.1	0.4	0.0	72.6	75.7
North Carolina, US	248	64.2	4.0	14.3	64.2	14.1	2.9	0.5	67.1	60.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_02 (S051037): Life Science / Knowing
Label: Body changes from running - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	31.6	18.8	15.8	28.7	5.1	31.6	33.7	29.9
Australia	882	60.3	19.9	14.0	5.3	0.5	60.3	65.1	55.5
Austria	668	35.1	29.1	20.3	15.5	0.0	35.1	37.0	33.3
Azerbaijan	693	35.7	17.7	5.5	40.0	1.0	35.7	35.7	35.7
Bahrain	576	24.1	22.5	41.4	11.1	0.9	24.1	27.9	20.0
Belgium (Flemish)	704	42.2	31.1	22.2	4.3	0.2	42.2	43.6	40.7
Chile	790	40.6	24.4	25.1	8.4	1.6	40.6	41.8	39.5
Chinese Taipei	613	40.9	23.0	28.1	8.0	0.0	40.9	43.1	38.8
Croatia	646	59.9	23.1	10.9	6.0	0.2	59.9	62.6	57.1
Czech Republic	662	66.6	21.9	5.4	6.1	0.0	66.6	67.2	66.0
Denmark	563	52.9	22.2	15.0	9.2	0.7	52.9	55.8	50.0
England	482	62.1	20.5	11.3	5.5	0.6	62.1	64.9	59.7
Finland	667	62.6	22.3	9.7	5.3	0.1	62.6	65.0	60.3
Georgia	678	53.7	20.6	10.1	15.3	0.3	53.7	56.0	51.5
Germany	569	38.1	25.2	24.1	12.5	0.0	38.1	40.5	35.9
Hong Kong SAR	575	45.3	24.3	22.8	7.3	0.4	45.3	51.3	39.9
Hungary	731	61.3	17.4	13.9	6.3	1.1	61.3	64.6	58.0
Iran, Islamic Rep. of	822	33.1	25.0	18.0	23.2	0.6	33.1	36.8	29.6
Ireland	645	56.1	19.3	16.7	7.7	0.2	56.1	56.7	55.5
Italy	605	48.3	27.3	16.0	7.9	0.6	48.3	47.2	49.4
Japan	627	59.1	24.8	12.1	3.9	0.1	59.1	59.0	59.2
Kazakhstan	629	43.0	21.4	22.7	12.3	0.6	43.0	46.4	39.7
Korea, Rep. of	625	46.7	26.1	25.2	2.1	0.0	46.7	45.5	47.7
Kuwait	592	9.7	9.8	45.3	33.7	1.4	9.7	10.4	8.8
Lithuania	664	55.3	21.2	18.0	5.6	0.0	55.3	58.6	52.0
Malta	522	31.3	16.8	32.6	19.0	0.4	31.3	34.9	28.0
Morocco	1111	18.4	7.1	33.1	40.6	0.8	18.4	19.0	17.9
Netherlands	454	58.5	30.4	9.7	1.4	0.0	58.5	59.8	57.4
New Zealand	788	47.2	22.1	24.2	4.7	1.8	47.2	47.9	46.4
Northern Ireland	516	61.5	22.1	12.3	4.1	0.0	61.5	66.5	55.8
Norway	450	60.3	22.3	11.6	5.0	0.7	60.3	60.2	60.5
Oman	1492	16.5	15.5	44.8	22.3	0.9	16.5	19.5	13.5
Poland	711	55.0	23.8	11.6	9.4	0.1	55.0	54.2	55.8
Portugal	572	58.7	18.0	19.6	3.5	0.2	58.7	63.7	53.7
Qatar	585	23.4	15.6	43.4	17.0	0.5	23.4	24.3	22.6
Romania	675	56.8	14.5	15.9	12.0	0.9	56.8	61.6	51.5
Russian Federation	626	63.6	18.5	11.1	6.9	0.0	63.6	70.9	56.6
Saudi Arabia	510	28.2	21.6	35.1	14.9	0.2	28.2	34.5	21.6
Serbia	622	56.0	24.6	10.2	8.8	0.2	56.0	60.9	51.2
Singapore	906	66.6	17.6	14.1	1.6	0.1	66.6	70.2	63.2
Slovak Republic	800	60.6	20.0	12.3	7.0	0.1	60.6	60.4	60.8
Slovenia	644	61.0	22.1	10.5	6.2	0.3	61.0	67.2	55.6
Spain	600	47.5	21.7	20.9	9.7	0.2	47.5	49.9	45.2
Sweden	682	59.1	23.4	10.9	6.2	0.4	59.1	59.5	58.8
Thailand	638	41.8	24.5	23.9	9.8	0.0	41.8	46.6	37.7
Tunisia	700	22.1	16.0	37.8	22.4	1.7	22.1	25.7	18.7
Turkey	1065	46.0	29.3	17.6	6.6	0.5	46.0	48.0	44.1
United Arab Emirates	2104	32.2	19.6	32.1	15.4	0.6	32.2	35.2	29.2
United States	1800	64.4	18.8	13.8	2.1	0.9	64.4	65.4	63.4
Yemen	1151	3.2	6.1	47.3	40.9	2.5	3.2	5.3	1.9
International Avg. (50)	37156	46.1	21.0	20.5	11.8	0.6	46.1	48.6	43.7
Botswana (6)	604	12.9	12.3	70.4	4.3	0.0	12.9	16.2	9.3
Honduras (6)	561	30.4	13.1	41.5	13.1	1.8	30.4	34.9	25.0
Yemen (6)	701	12.6	14.0	45.1	27.1	1.2	12.6	15.7	10.4
Alberta, Canada	514	59.4	22.0	13.5	4.2	0.8	59.4	62.6	56.8
Ontario, Canada	671	58.9	21.1	15.4	3.8	0.8	58.9	61.5	56.3
Quebec, Canada	599	62.7	17.7	12.8	6.6	0.1	62.7	64.4	61.0
Abu Dhabi, UAE	601	27.1	19.2	38.8	14.0	0.8	27.1	31.6	22.8
Dubai, UAE	872	43.7	20.4	21.4	13.9	0.6	43.7	46.2	41.4
Florida, US	379	61.4	20.1	16.1	2.2	0.2	61.4	67.5	54.2
North Carolina, US	248	62.9	22.9	11.7	2.1	0.5	62.9	65.1	60.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_03 (S051008): Life Science / Reasoning

Label: Pots with and without fertilizer - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	9.8	56.5	27.8	6.0	9.8	7.6	11.5
Australia	882	22.3	74.4	2.8	0.6	22.3	23.0	21.5
Austria	668	24.1	69.4	6.4	0.0	24.1	32.5	16.2
Azerbaijan	693	5.7	57.4	35.6	1.2	5.7	4.7	6.7
Bahrain	576	15.3	79.0	4.7	0.9	15.3	17.1	13.5
Belgium (Flemish)	704	22.9	74.8	2.1	0.2	22.9	25.3	20.5
Chile	790	11.5	81.4	5.1	2.0	11.5	12.5	10.6
Chinese Taipei	613	26.1	64.2	9.7	0.0	26.1	30.8	22.0
Croatia	646	18.0	77.8	4.0	0.2	18.0	20.9	15.1
Czech Republic	662	19.1	71.9	9.0	0.0	19.1	22.4	16.0
Denmark	563	34.6	55.5	9.1	0.8	34.6	42.1	26.9
England	482	24.8	71.4	3.2	0.6	24.8	28.5	21.6
Finland	667	32.7	63.0	4.2	0.1	32.7	35.1	30.4
Georgia	678	11.9	75.5	12.2	0.3	11.9	13.4	10.6
Germany	569	34.8	61.5	3.6	0.2	34.8	39.0	30.7
Hong Kong SAR	575	29.3	69.2	1.1	0.4	29.3	34.8	24.4
Hungary	731	21.6	74.2	3.0	1.1	21.6	23.3	19.9
Iran, Islamic Rep. of	823	14.5	74.6	10.1	0.9	14.5	15.4	13.6
Ireland	647	18.7	79.1	2.0	0.2	18.7	20.6	16.7
Italy	605	17.4	74.8	7.1	0.6	17.4	17.5	17.3
Japan	627	48.8	48.4	2.2	0.6	48.8	54.2	43.4
Kazakhstan	630	26.9	64.0	8.1	1.0	26.9	27.5	26.3
Korea, Rep. of	625	38.1	61.0	0.9	0.0	38.1	40.1	36.3
Kuwait	592	2.8	85.7	9.7	1.8	2.8	3.3	2.2
Lithuania	664	22.3	71.8	5.9	0.0	22.3	25.2	19.4
Malta	522	13.7	81.0	4.8	0.4	13.7	14.0	13.5
Morocco	1110	8.3	66.6	23.9	1.2	8.3	7.0	9.4
Netherlands	454	25.2	73.4	1.4	0.0	25.2	29.0	20.7
New Zealand	788	16.5	79.8	1.7	1.9	16.5	19.0	14.0
Northern Ireland	516	25.4	72.3	2.4	0.0	25.4	27.3	23.2
Norway	450	21.3	71.7	5.2	1.8	21.3	25.5	16.7
Oman	1492	3.3	88.4	7.3	1.0	3.3	4.3	2.3
Poland	711	12.6	81.0	6.2	0.2	12.6	16.5	8.9
Portugal	572	11.9	86.5	1.3	0.3	11.9	12.7	11.2
Qatar	585	11.0	82.8	5.5	0.7	11.0	11.9	10.1
Romania	675	15.3	75.9	7.6	1.2	15.3	17.0	13.4
Russian Federation	626	21.2	76.1	2.7	0.0	21.2	26.4	16.3
Saudi Arabia	511	10.2	81.3	8.0	0.6	10.2	14.3	5.8
Serbia	622	21.0	71.5	7.0	0.5	21.0	22.8	19.3
Singapore	906	57.0	42.7	0.2	0.1	57.0	63.5	50.9
Slovak Republic	800	12.1	85.0	2.9	0.1	12.1	10.5	13.7
Slovenia	644	19.6	75.2	5.0	0.3	19.6	22.5	17.0
Spain	600	12.3	80.7	6.9	0.2	12.3	14.0	10.6
Sweden	682	24.8	70.2	4.5	0.5	24.8	28.7	20.9
Thailand	638	9.9	84.8	5.2	0.1	9.9	11.9	8.2
Tunisia	700	6.5	77.1	14.0	2.4	6.5	6.5	6.5
Turkey	1065	13.5	81.6	4.2	0.6	13.5	15.4	11.7
United Arab Emirates	2104	9.3	83.7	6.2	0.9	9.3	9.6	9.0
United States	1800	22.9	74.9	1.1	1.1	22.9	26.2	19.8
Yemen	1151	0.3	84.3	12.9	2.6	0.3	0.7	0.0
International Avg. (50)	37160	19.2	73.3	6.8	0.8	19.2	21.5	16.9
Botswana (6)	604	3.7	95.3	1.0	0.0	3.7	5.7	1.5
Honduras (6)	561	2.2	89.4	5.5	2.8	2.2	2.6	1.8
Yemen (6)	701	2.9	85.0	10.9	1.2	2.9	4.0	2.2
Alberta, Canada	514	26.7	70.5	2.0	0.8	26.7	31.5	22.7
Ontario, Canada	671	26.9	69.6	2.3	1.2	26.9	33.3	20.6
Quebec, Canada	598	18.3	77.8	3.5	0.4	18.3	20.1	16.4
Abu Dhabi, UAE	601	6.4	85.6	7.0	1.0	6.4	7.3	5.5
Dubai, UAE	872	16.0	77.5	5.5	1.0	16.0	15.5	16.5
Florida, US	379	19.6	79.5	0.7	0.2	19.6	23.5	14.9
North Carolina, US	248	20.1	77.8	1.2	0.9	20.1	23.7	15.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_04 (S051004): Life Science / Applying

Label: Birds similar color as environment - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	41.8	41.8	10.7	19.0	11.5	10.1	6.9	36.2	46.1
Australia	882	69.4	69.4	4.0	10.4	12.8	2.4	1.0	71.1	67.8
Austria	668	68.5	68.5	5.5	10.6	12.4	3.0	0.0	72.7	64.5
Azerbaijan	693	63.0	63.0	5.0	12.1	9.7	8.7	1.5	66.1	60.0
Bahrain	576	56.8	56.8	6.7	23.0	10.7	1.8	1.1	58.0	55.5
Belgium (Flemish)	704	67.6	67.6	10.3	7.4	11.6	2.7	0.4	67.2	68.0
Chile	790	56.7	56.7	7.3	19.4	12.6	1.7	2.4	51.7	61.3
Chinese Taipei	613	72.3	72.3	3.9	13.6	8.6	1.5	0.0	71.9	72.7
Croatia	646	71.0	71.0	5.5	8.7	13.1	1.6	0.2	69.9	72.0
Czech Republic	662	82.4	82.4	4.5	6.2	5.3	1.5	0.1	80.6	84.0
Denmark	563	63.8	63.8	6.6	17.5	7.4	2.8	1.9	61.4	66.4
England	482	66.7	66.7	5.3	10.8	14.5	1.8	0.9	68.6	65.1
Finland	667	87.5	87.5	2.1	4.3	4.0	2.0	0.1	87.9	87.1
Georgia	678	54.6	54.6	6.9	24.8	10.0	3.3	0.4	52.6	56.4
Germany	569	71.5	71.5	7.0	7.3	10.9	3.1	0.2	76.5	66.8
Hong Kong SAR	575	71.1	71.1	5.0	12.4	9.5	1.7	0.4	74.3	68.3
Hungary	731	79.8	79.8	4.9	5.2	5.7	3.3	1.1	79.8	79.7
Iran, Islamic Rep. of	823	46.6	46.6	9.4	18.8	18.7	5.4	1.1	47.0	46.2
Ireland	647	63.8	63.8	6.1	13.6	13.5	2.7	0.3	61.5	66.2
Italy	605	71.4	71.4	8.5	6.8	9.3	3.0	1.0	71.4	71.3
Japan	627	78.3	78.3	1.5	1.3	16.3	2.1	0.6	79.8	76.8
Kazakhstan	630	65.6	65.6	8.4	10.6	11.5	2.6	1.3	65.5	65.7
Korea, Rep. of	625	85.6	85.6	1.9	3.2	9.0	0.3	0.0	85.6	85.5
Kuwait	583	41.7	41.7	14.6	22.4	14.4	5.3	1.7	43.5	39.3
Lithuania	664	72.9	72.9	4.1	6.3	15.0	1.7	0.0	72.3	73.4
Malta	522	47.0	47.0	11.0	23.8	15.6	2.1	0.4	42.7	50.9
Morocco	1102	39.9	39.9	24.0	15.8	11.3	7.7	1.2	38.5	41.1
Netherlands	454	86.3	86.3	3.7	3.4	5.3	1.3	0.0	87.6	85.2
New Zealand	788	64.2	64.2	6.7	12.6	12.6	2.0	1.9	65.6	62.7
Northern Ireland	516	72.6	72.6	4.2	10.1	10.6	2.6	0.0	73.0	72.1
Norway	450	56.5	56.5	9.0	10.8	18.8	2.2	2.7	54.7	58.4
Oman	1492	42.7	42.7	15.3	21.7	14.2	4.8	1.4	42.7	42.7
Poland	711	72.7	72.7	9.3	10.3	3.8	3.7	0.2	72.4	73.0
Portugal	572	46.0	46.0	9.9	25.1	16.8	1.9	0.3	46.2	45.8
Qatar	585	37.8	37.8	13.0	28.0	16.7	3.9	0.7	38.2	37.5
Romania	675	61.3	61.3	5.9	18.8	10.1	2.0	1.8	61.3	61.4
Russian Federation	626	77.2	77.2	6.7	5.8	8.9	1.2	0.1	77.9	76.6
Saudi Arabia	511	45.5	45.5	11.3	23.4	18.7	0.5	0.6	46.4	44.6
Serbia	622	68.8	68.8	5.8	10.5	12.1	2.0	0.9	68.9	68.6
Singapore	906	75.1	75.1	3.2	15.7	5.7	0.2	0.1	74.4	75.8
Slovak Republic	800	73.2	73.2	5.8	10.7	8.9	1.4	0.1	72.0	74.4
Slovenia	642	79.9	79.9	5.5	5.5	7.4	1.4	0.3	79.8	80.0
Spain	600	51.3	51.3	6.8	28.6	11.2	2.0	0.2	49.0	53.6
Sweden	682	73.6	73.6	3.2	5.4	14.1	3.0	0.6	71.8	75.5
Thailand	638	51.9	51.9	11.3	26.1	7.9	2.3	0.5	53.5	50.5
Tunisia	687	25.8	25.8	13.3	22.5	13.3	22.3	2.8	24.1	27.5
Turkey	1065	47.4	47.4	9.3	20.6	21.1	0.9	0.6	49.1	45.7
United Arab Emirates	2104	44.8	44.8	10.2	26.0	14.8	3.1	1.2	42.8	46.8
United States	1800	79.3	79.3	2.3	9.2	6.1	1.8	1.3	77.4	81.2
Yemen	1152	24.2	24.2	22.9	28.2	11.1	10.6	3.0	26.4	22.7
International Avg. (50)	37129	62.3	62.3	7.7	14.3	11.5	3.3	1.0	62.2	62.4
Botswana (6)	604	24.8	24.8	20.0	35.6	18.7	0.9	0.0	26.9	22.4
Honduras (6)	561	35.0	35.0	10.6	36.6	11.8	2.9	3.0	34.2	35.9
Yemen (6)	701	31.5	31.5	18.8	27.3	18.3	2.8	1.4	28.4	33.7
Alberta, Canada	514	79.4	79.4	2.9	8.2	6.8	2.0	0.8	80.5	78.4
Ontario, Canada	671	74.5	74.5	3.6	9.5	8.9	2.0	1.5	76.1	72.8
Quebec, Canada	599	69.3	69.3	5.1	6.8	16.0	2.1	0.6	67.9	70.8
Abu Dhabi, UAE	601	41.0	41.0	10.4	28.0	15.9	3.4	1.3	36.3	45.7
Dubai, UAE	872	53.2	53.2	6.6	24.0	12.2	3.0	1.0	51.1	55.2
Florida, US	379	81.3	81.3	3.7	9.2	5.1	0.0	0.7	80.2	82.6
North Carolina, US	248	76.4	76.4	1.4	10.5	9.2	1.3	1.2	73.7	79.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S04_05A (S051026A): Life Science / Reasoning
Label: 1: T/F about predator/prey - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	49.4	49.4	11.7	31.2	7.7	54.7	44.9
Australia	882	72.6	72.6	21.3	4.8	1.3	72.6	72.6
Austria	668	71.4	71.4	25.2	3.4	0.0	67.7	74.9
Azerbaijan	693	63.5	63.5	9.7	25.3	1.5	59.4	67.5
Bahrain	575	72.6	72.6	19.9	6.1	1.4	72.7	72.5
Belgium (Flemish)	704	63.4	63.4	34.6	1.5	0.5	60.5	66.1
Chile	790	79.6	79.6	11.3	6.4	2.7	78.0	81.1
Chinese Taipei	613	82.0	82.0	17.4	0.6	0.0	79.5	84.2
Croatia	646	75.6	75.6	21.3	2.9	0.2	73.5	77.8
Czech Republic	662	60.3	60.3	35.7	3.8	0.1	52.5	67.9
Denmark	563	65.7	65.7	26.2	5.9	2.1	65.5	65.8
England	482	70.9	70.9	25.2	2.6	1.3	71.7	70.1
Finland	667	75.9	75.9	23.1	0.9	0.1	73.6	78.1
Georgia	678	68.8	68.8	11.9	18.7	0.7	69.3	68.3
Germany	569	74.5	74.5	22.3	2.5	0.7	74.9	74.0
Hong Kong SAR	575	77.1	77.1	21.9	0.6	0.4	72.9	80.8
Hungary	731	79.2	79.2	15.2	4.1	1.4	79.5	78.9
Iran, Islamic Rep. of	823	54.7	54.7	29.9	13.7	1.7	52.6	56.7
Ireland	647	76.6	76.6	20.4	2.7	0.3	73.1	80.1
Italy	605	89.0	89.0	8.1	1.5	1.3	88.3	89.7
Japan	627	87.2	87.2	9.4	2.6	0.8	85.6	88.9
Kazakhstan	630	65.8	65.8	14.0	18.6	1.6	69.2	62.7
Korea, Rep. of	625	90.0	90.0	9.7	0.3	0.0	89.8	90.3
Kuwait	575	54.6	54.6	25.5	18.3	1.7	57.9	50.4
Lithuania	664	81.3	81.3	16.0	2.7	0.0	84.1	78.5
Malta	522	74.8	74.8	21.5	3.1	0.6	76.5	73.3
Morocco	1040	50.2	50.2	20.8	27.3	1.7	53.2	47.7
Netherlands	454	76.7	76.7	21.5	1.5	0.2	72.9	81.3
New Zealand	788	72.6	72.6	20.8	4.8	1.9	68.4	76.7
Northern Ireland	516	76.8	76.8	21.9	1.2	0.1	74.3	79.6
Norway	450	75.3	75.3	17.6	4.3	2.8	70.2	80.9
Oman	1491	62.1	62.1	17.7	18.1	2.1	65.2	58.9
Poland	711	57.3	57.3	37.4	5.1	0.2	53.0	61.2
Portugal	572	80.5	80.5	18.0	1.0	0.4	75.4	85.6
Qatar	585	66.4	66.4	20.5	12.1	1.1	63.8	68.7
Romania	672	71.9	71.9	16.2	10.1	1.8	70.9	72.9
Russian Federation	626	75.4	75.4	20.1	4.4	0.1	78.3	72.6
Saudi Arabia	502	72.4	72.4	17.8	9.3	0.6	71.4	73.5
Serbia	622	68.6	68.6	23.1	7.4	0.9	69.2	68.0
Singapore	906	62.1	62.1	37.5	0.3	0.1	61.5	62.6
Slovak Republic	800	74.0	74.0	20.4	5.5	0.1	69.4	78.6
Slovenia	644	73.7	73.7	22.9	3.1	0.3	75.3	72.4
Spain	600	73.0	73.0	22.1	4.7	0.2	73.0	73.0
Sweden	682	67.0	67.0	29.2	2.8	1.0	61.4	72.4
Thailand	638	68.4	68.4	17.5	13.5	0.7	68.3	68.4
Tunisia	686	54.8	54.8	15.4	26.0	3.8	61.5	48.4
Turkey	1065	64.9	64.9	29.0	5.4	0.7	63.4	66.3
United Arab Emirates	2104	73.3	73.3	19.6	5.7	1.4	74.2	72.4
United States	1800	74.6	74.6	21.9	2.0	1.6	74.2	74.9
Yemen	1153	42.9	42.9	9.9	43.0	4.2	46.5	40.5
International Avg. (50)	37047	70.2	70.2	20.5	8.1	1.2	69.4	71.1
Botswana (6)	604	52.9	52.9	34.7	12.4	0.0	51.0	55.0
Honduras (6)	560	66.8	66.8	19.2	10.7	3.2	70.2	62.7
Yemen (6)	701	57.4	57.4	14.7	26.3	1.6	57.8	57.0
Alberta, Canada	514	71.8	71.8	23.0	4.5	0.8	66.4	76.3
Ontario, Canada	671	72.8	72.8	23.0	2.2	2.1	73.4	72.2
Quebec, Canada	599	77.9	77.9	20.0	1.4	0.6	73.6	82.4
Abu Dhabi, UAE	601	69.4	69.4	22.0	7.2	1.4	70.4	68.3
Dubai, UAE	872	74.0	74.0	21.3	3.6	1.1	72.2	75.6
Florida, US	379	72.4	72.4	24.8	2.2	0.7	70.7	74.4
North Carolina, US	248	68.8	68.8	26.1	3.5	1.6	68.8	68.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_05B (S051026B): Life Science / Reasoning
Label: 2: T/F about predator/prey - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	25.0	34.8	25.0	32.6	7.7	27.3	22.8
Australia	882	56.3	37.2	56.3	5.3	1.3	57.3	55.3
Austria	668	61.6	34.7	61.6	3.7	0.0	59.3	63.8
Azerbaijan	693	37.2	29.6	37.2	31.7	1.5	35.3	39.0
Bahrain	576	42.0	49.6	42.0	7.0	1.4	40.9	43.2
Belgium (Flemish)	704	64.4	33.8	64.4	1.3	0.5	57.7	70.9
Chile	790	51.8	39.4	51.8	6.2	2.7	45.3	57.8
Chinese Taipei	613	71.9	27.3	71.9	0.8	0.0	66.3	76.9
Croatia	646	45.9	50.4	45.9	3.5	0.2	42.3	49.6
Czech Republic	662	46.9	48.3	46.9	4.6	0.1	42.4	51.3
Denmark	563	65.5	26.1	65.5	6.2	2.1	63.5	67.6
England	482	60.3	35.1	60.3	3.3	1.3	57.1	63.1
Finland	667	70.6	27.9	70.6	1.4	0.1	74.2	67.1
Georgia	678	32.0	42.9	32.0	24.5	0.7	27.0	36.5
Germany	569	59.1	37.1	59.1	3.1	0.7	57.2	60.9
Hong Kong SAR	575	64.1	34.3	64.1	1.3	0.4	60.8	67.1
Hungary	731	60.4	34.0	60.4	4.1	1.4	57.9	62.9
Iran, Islamic Rep. of	823	50.3	30.9	50.3	17.1	1.7	46.9	53.6
Ireland	647	57.2	39.8	57.2	2.7	0.3	52.8	61.7
Italy	605	57.0	39.8	57.0	1.9	1.3	52.8	60.8
Japan	627	72.0	24.8	72.0	2.4	0.8	69.8	74.3
Kazakhstan	630	28.3	47.8	28.3	22.3	1.6	28.0	28.7
Korea, Rep. of	625	78.4	21.5	78.4	0.2	0.0	76.0	80.6
Kuwait	574	37.6	40.8	37.6	19.9	1.7	35.8	40.0
Lithuania	664	50.4	45.9	50.4	3.7	0.0	47.4	53.4
Malta	522	45.1	50.8	45.1	3.5	0.6	40.0	49.8
Morocco	1051	36.2	34.8	36.2	27.4	1.6	37.0	35.5
Netherlands	454	70.9	27.1	70.9	1.7	0.2	65.6	77.3
New Zealand	788	56.8	35.4	56.8	5.9	1.9	52.6	61.0
Northern Ireland	516	66.0	32.5	66.0	1.4	0.1	62.2	70.3
Norway	450	62.9	30.5	62.9	3.8	2.8	59.8	66.3
Oman	1491	34.9	43.5	34.9	19.5	2.1	32.7	37.2
Poland	711	52.3	42.2	52.3	5.2	0.2	50.0	54.5
Portugal	572	59.3	37.9	59.3	2.4	0.4	55.2	63.2
Qatar	585	42.8	43.1	42.8	13.1	1.1	40.3	44.9
Romania	671	47.3	41.6	47.3	9.4	1.8	38.7	56.7
Russian Federation	626	50.0	43.4	50.0	6.5	0.1	52.2	47.9
Saudi Arabia	502	43.6	42.4	43.6	13.4	0.6	46.7	40.3
Serbia	622	50.3	43.0	50.3	5.8	0.9	40.3	60.3
Singapore	906	65.7	33.6	65.7	0.6	0.1	64.1	67.2
Slovak Republic	800	36.7	58.5	36.7	4.8	0.1	32.7	40.7
Slovenia	644	60.9	35.2	60.9	3.6	0.3	54.2	66.7
Spain	600	50.2	44.3	50.2	5.3	0.2	45.2	55.2
Sweden	682	66.0	29.8	66.0	3.2	1.0	61.4	70.5
Thailand	638	45.3	38.3	45.3	15.7	0.7	45.3	45.3
Tunisia	686	31.2	38.3	31.2	26.8	3.8	32.5	29.9
Turkey	1065	50.4	41.9	50.4	6.9	0.7	46.3	54.5
United Arab Emirates	2104	44.7	46.6	44.7	7.3	1.4	40.8	48.5
United States	1800	69.6	26.4	69.6	2.4	1.6	67.4	71.8
Yemen	1152	25.3	25.2	25.3	45.5	4.1	26.3	24.6
International Avg. (50)	37056	52.2	37.6	52.2	9.0	1.2	49.4	55.0
Botswana (6)	604	38.9	48.8	38.9	12.3	0.0	39.2	38.6
Honduras (6)	560	38.9	44.0	38.9	13.9	3.2	38.2	39.9
Yemen (6)	701	32.8	38.3	32.8	27.3	1.6	33.1	32.5
Alberta, Canada	514	62.0	32.1	62.0	5.1	0.8	57.7	65.6
Ontario, Canada	671	65.5	29.4	65.5	2.9	2.1	63.8	67.2
Quebec, Canada	599	64.4	32.4	64.4	2.5	0.6	59.2	70.0
Abu Dhabi, UAE	601	41.2	48.5	41.2	8.9	1.4	35.2	47.1
Dubai, UAE	872	45.9	48.3	45.9	4.8	1.1	39.0	52.1
Florida, US	379	66.2	31.0	66.2	2.2	0.7	62.0	71.0
North Carolina, US	248	71.5	24.7	71.5	2.2	1.6	68.2	75.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_05C (S051026C): Life Science / Reasoning
Label: 3: T/F about predator/prey - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	36.2	20.9	36.2	35.2	7.7	37.4	34.9
Australia	882	77.5	15.2	77.5	6.0	1.3	78.0	77.0
Austria	668	70.9	25.1	70.9	4.0	0.0	71.6	70.3
Azerbaijan	693	47.2	17.9	47.2	33.4	1.5	46.7	47.7
Bahrain	576	60.9	30.7	60.9	7.1	1.4	60.4	61.4
Belgium (Flemish)	704	83.3	14.5	83.3	1.6	0.5	85.0	81.7
Chile	790	67.4	23.2	67.4	6.7	2.7	69.0	66.0
Chinese Taipei	613	83.1	16.1	83.1	0.8	0.0	86.8	79.9
Croatia	646	72.4	23.9	72.4	3.4	0.2	69.4	75.6
Czech Republic	662	62.0	32.8	62.0	5.1	0.1	58.4	65.3
Denmark	563	75.5	15.5	75.5	6.8	2.1	77.1	73.9
England	482	77.5	17.1	77.5	4.1	1.3	76.8	78.1
Finland	667	79.3	19.2	79.3	1.3	0.1	79.4	79.2
Georgia	678	43.3	28.9	43.3	27.1	0.7	45.0	41.8
Germany	569	75.8	20.9	75.8	2.6	0.7	75.6	76.0
Hong Kong SAR	575	78.7	19.9	78.7	1.0	0.4	80.5	77.1
Hungary	731	74.2	19.6	74.2	4.7	1.4	74.4	74.0
Iran, Islamic Rep. of	823	56.2	25.6	56.2	16.5	1.7	59.4	53.2
Ireland	647	81.2	15.6	81.2	3.0	0.3	80.6	81.8
Italy	605	72.0	24.2	72.0	2.5	1.3	69.8	74.0
Japan	627	80.2	16.5	80.2	2.5	0.8	81.9	78.6
Kazakhstan	630	47.5	24.1	47.5	26.9	1.6	50.5	44.7
Korea, Rep. of	625	91.5	8.2	91.5	0.3	0.0	93.2	89.9
Kuwait	573	46.8	29.7	46.8	21.8	1.7	50.0	42.9
Lithuania	664	76.7	19.3	76.7	4.0	0.0	78.5	74.9
Malta	522	58.0	37.9	58.0	3.5	0.6	58.9	57.2
Morocco	1038	44.0	26.1	44.0	28.2	1.7	46.3	42.2
Netherlands	454	87.9	10.8	87.9	1.1	0.2	89.9	85.4
New Zealand	788	74.9	17.1	74.9	6.0	1.9	76.4	73.5
Northern Ireland	516	83.0	15.6	83.0	1.3	0.1	82.1	84.0
Norway	450	71.1	22.0	71.1	4.1	2.8	71.8	70.4
Oman	1491	45.3	31.3	45.3	21.3	2.1	49.3	41.1
Poland	711	70.4	23.0	70.4	6.4	0.2	74.0	67.0
Portugal	572	75.2	22.3	75.2	2.1	0.4	74.2	76.1
Qatar	585	57.1	28.9	57.1	12.9	1.1	55.3	58.7
Romania	671	62.6	24.7	62.6	10.9	1.8	63.0	62.2
Russian Federation	626	67.7	25.2	67.7	7.0	0.1	71.4	64.2
Saudi Arabia	505	55.7	29.6	55.7	14.1	0.6	62.1	48.8
Serbia	622	68.8	23.5	68.8	6.8	0.9	65.8	71.7
Singapore	906	86.7	12.3	86.7	0.9	0.1	89.7	83.8
Slovak Republic	800	61.4	31.3	61.4	7.2	0.1	61.1	61.7
Slovenia	644	69.7	26.2	69.7	3.9	0.3	71.1	68.4
Spain	600	74.4	19.7	74.4	5.7	0.2	73.1	75.7
Sweden	682	76.6	19.5	76.6	2.9	1.0	75.8	77.4
Thailand	638	56.6	24.9	56.6	17.8	0.7	59.2	54.5
Tunisia	687	42.8	25.0	42.8	28.4	3.8	45.5	40.2
Turkey	1065	66.0	26.7	66.0	6.6	0.7	66.6	65.4
United Arab Emirates	2104	57.8	32.8	57.8	8.0	1.4	56.7	58.9
United States	1800	85.0	10.7	85.0	2.7	1.6	84.9	85.0
Yemen	1152	25.7	20.9	25.7	49.3	4.1	29.8	23.0
International Avg. (50)	37046	66.8	22.3	66.8	9.8	1.2	67.8	65.9
Botswana (6)	604	55.0	31.1	55.0	13.9	0.0	56.3	53.5
Honduras (6)	560	51.8	30.8	51.8	14.3	3.2	53.6	49.6
Yemen (6)	701	40.5	28.5	40.5	29.3	1.6	45.4	37.1
Alberta, Canada	514	79.4	14.6	79.4	5.3	0.8	77.5	81.0
Ontario, Canada	671	80.0	15.3	80.0	2.5	2.1	83.7	76.3
Quebec, Canada	599	71.4	25.9	71.4	2.0	0.6	72.7	70.1
Abu Dhabi, UAE	601	54.5	33.3	54.5	10.7	1.4	53.7	55.4
Dubai, UAE	872	64.0	30.1	64.0	4.8	1.1	64.0	63.9
Florida, US	379	87.8	9.2	87.8	2.4	0.7	88.0	87.5
North Carolina, US	248	88.4	7.4	88.4	2.6	1.6	90.9	85.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_05D (S051026D): Life Science / Reasoning
Label: 4: T/F about predator/prey - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	51.0	51.0	11.6	29.7	7.7	54.8	47.8
Australia	882	84.6	84.6	10.8	3.3	1.3	84.3	85.0
Austria	668	80.6	80.6	16.9	2.4	0.0	81.2	80.1
Azerbaijan	693	62.7	62.7	7.7	28.0	1.5	61.8	63.6
Bahrain	576	60.6	60.6	31.5	6.4	1.4	62.5	58.6
Belgium (Flemish)	704	86.8	86.8	11.2	1.5	0.5	86.4	87.2
Chile	790	74.1	74.1	17.1	6.1	2.7	73.7	74.5
Chinese Taipei	613	91.9	91.9	7.3	0.8	0.0	91.5	92.2
Croatia	646	75.1	75.1	21.8	2.9	0.2	72.8	77.4
Czech Republic	662	83.8	83.8	11.7	4.4	0.1	82.9	84.6
Denmark	563	83.2	83.2	8.0	6.7	2.1	85.1	81.2
England	482	84.7	84.7	10.7	3.4	1.3	85.9	83.6
Finland	667	93.3	93.3	5.3	1.2	0.1	95.1	91.6
Georgia	678	49.6	49.6	24.7	25.0	0.7	47.8	51.2
Germany	569	89.2	89.2	7.8	2.3	0.7	90.2	88.2
Hong Kong SAR	575	90.9	90.9	7.4	1.3	0.4	91.3	90.6
Hungary	731	80.5	80.5	13.5	4.5	1.4	81.0	79.9
Iran, Islamic Rep. of	823	72.7	72.7	14.1	11.5	1.7	74.4	71.1
Ireland	647	83.6	83.6	12.9	3.2	0.3	84.4	82.7
Italy	605	86.1	86.1	10.1	2.5	1.3	83.5	88.4
Japan	627	74.0	74.0	22.7	2.5	0.8	76.2	71.8
Kazakhstan	630	63.2	63.2	15.8	19.5	1.6	63.4	63.0
Korea, Rep. of	625	86.8	86.8	12.9	0.3	0.0	87.0	86.5
Kuwait	573	43.9	43.9	33.3	21.1	1.7	44.8	42.8
Lithuania	664	87.3	87.3	9.5	3.1	0.0	88.1	86.5
Malta	522	66.7	66.7	29.0	3.7	0.6	68.5	65.2
Morocco	1034	40.3	40.3	29.2	28.8	1.7	41.2	39.6
Netherlands	454	86.7	86.7	11.3	1.8	0.2	87.5	85.6
New Zealand	788	80.6	80.6	12.8	4.8	1.9	81.9	79.3
Northern Ireland	516	84.9	84.9	13.7	1.3	0.1	83.1	87.0
Norway	450	76.6	76.6	17.5	3.1	2.8	78.3	74.7
Oman	1491	38.8	38.8	37.5	21.7	2.1	39.5	38.0
Poland	711	89.4	89.4	6.4	4.0	0.2	91.8	87.1
Portugal	572	77.1	77.1	20.4	2.0	0.4	79.6	74.7
Qatar	585	56.1	56.1	29.7	13.0	1.1	57.9	54.5
Romania	672	81.3	81.3	8.5	8.4	1.8	79.5	83.2
Russian Federation	626	84.7	84.7	10.3	4.9	0.1	86.3	83.2
Saudi Arabia	504	52.3	52.3	36.0	11.0	0.6	51.6	53.1
Serbia	622	78.4	78.4	15.8	4.9	0.9	76.6	80.2
Singapore	906	90.6	90.6	8.3	1.0	0.1	90.7	90.4
Slovak Republic	800	75.9	75.9	19.2	4.9	0.1	72.9	78.8
Slovenia	644	77.8	77.8	18.3	3.6	0.3	72.6	82.2
Spain	600	80.7	80.7	14.4	4.8	0.2	79.9	81.4
Sweden	681	82.0	82.0	14.3	2.7	1.0	79.9	83.9
Thailand	638	68.5	68.5	15.1	15.7	0.7	75.3	62.8
Tunisia	687	40.9	40.9	27.1	28.3	3.8	40.5	41.3
Turkey	1065	77.1	77.1	15.9	6.3	0.7	76.8	77.4
United Arab Emirates	2104	59.2	59.2	32.4	7.1	1.4	55.4	62.8
United States	1800	88.3	88.3	8.4	1.8	1.6	88.9	87.6
Yemen	1152	23.6	23.6	23.3	49.0	4.1	26.8	21.5
International Avg. (50)	37041	73.6	73.6	16.6	8.6	1.2	73.9	73.3
Botswana (6)	604	57.8	57.8	30.4	11.8	0.0	60.0	55.2
Honduras (6)	560	66.6	66.6	16.4	13.8	3.2	66.5	66.7
Yemen (6)	701	45.5	45.5	25.5	27.4	1.6	45.4	45.6
Alberta, Canada	514	85.9	85.9	9.3	3.9	0.8	88.5	83.8
Ontario, Canada	671	85.5	85.5	9.7	2.6	2.1	87.4	83.7
Quebec, Canada	599	86.6	86.6	10.7	2.0	0.6	86.1	87.2
Abu Dhabi, UAE	601	54.8	54.8	34.1	9.7	1.4	52.7	56.8
Dubai, UAE	872	68.0	68.0	27.0	3.8	1.1	65.3	70.5
Florida, US	379	87.0	87.0	10.9	1.4	0.7	84.3	90.2
North Carolina, US	248	90.3	90.3	5.4	2.6	1.6	90.2	90.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_05Z (S051026Z): Life Science / Reasoning

Label: T/F about predator/prey- DERIVED - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	12.9	60.8	18.6	7.7	12.9	10.6	14.5
Australia	882	36.8	60.1	1.8	1.3	36.8	36.4	37.2
Austria	668	39.0	59.3	1.7	0.0	39.0	36.0	41.7
Azerbaijan	693	21.2	61.1	16.1	1.5	21.2	19.1	23.2
Bahrain	575	24.5	70.1	3.9	1.4	24.5	21.3	28.0
Belgium (Flemish)	704	37.0	61.2	1.3	0.5	37.0	32.9	41.0
Chile	790	33.9	58.2	5.2	2.7	33.9	29.0	38.4
Chinese Taipei	613	50.2	49.2	0.6	0.0	50.2	45.0	54.8
Croatia	646	28.8	69.0	2.0	0.2	28.8	23.3	34.4
Czech Republic	662	21.6	75.1	3.1	0.1	21.6	17.3	25.6
Denmark	563	38.1	54.8	5.0	2.1	38.1	37.6	38.7
England	482	38.3	58.4	2.1	1.3	38.3	33.1	42.7
Finland	667	47.0	52.4	0.5	0.1	47.0	48.0	46.1
Georgia	678	16.9	69.9	12.5	0.7	16.9	14.5	19.2
Germany	569	39.4	58.1	1.8	0.7	39.4	37.6	41.2
Hong Kong SAR	575	39.4	59.6	0.6	0.4	39.4	34.5	43.7
Hungary	731	39.6	55.8	3.2	1.4	39.6	38.7	40.5
Iran, Islamic Rep. of	823	24.3	70.4	3.7	1.7	24.3	23.0	25.5
Ireland	647	39.5	58.5	1.7	0.3	39.5	33.8	45.4
Italy	605	41.9	55.7	1.1	1.3	41.9	35.0	48.1
Japan	627	51.6	46.7	0.9	0.8	51.6	49.4	53.7
Kazakhstan	630	13.7	81.4	3.3	1.6	13.7	14.1	13.3
Korea, Rep. of	625	63.4	36.4	0.2	0.0	63.4	61.3	65.3
Kuwait	570	11.3	72.2	14.8	1.7	11.3	11.2	11.4
Lithuania	664	35.8	61.9	2.2	0.0	35.8	33.4	38.2
Malta	522	24.7	71.7	2.9	0.6	24.7	22.2	27.0
Morocco	1024	12.1	63.8	22.4	1.7	12.1	11.7	12.5
Netherlands	454	51.0	47.7	1.1	0.2	51.0	49.0	53.2
New Zealand	788	38.0	57.8	2.3	1.9	38.0	34.5	41.4
Northern Ireland	516	46.8	52.0	1.1	0.1	46.8	41.2	53.2
Norway	450	37.9	56.4	2.8	2.8	37.9	37.4	38.5
Oman	1491	11.2	73.7	13.0	2.1	11.2	9.5	13.0
Poland	711	25.4	70.9	3.5	0.2	25.4	21.7	28.8
Portugal	572	41.0	57.7	0.9	0.4	41.0	36.9	45.1
Qatar	585	21.1	66.9	10.9	1.1	21.1	18.1	23.8
Romania	671	30.1	64.2	3.9	1.8	30.1	24.9	35.9
Russian Federation	626	28.9	69.6	1.4	0.1	28.9	30.4	27.4
Saudi Arabia	495	17.1	77.5	4.8	0.6	17.1	17.4	16.8
Serbia	622	28.8	67.4	2.9	0.9	28.8	23.5	34.1
Singapore	906	39.1	60.5	0.3	0.1	39.1	38.9	39.3
Slovak Republic	800	19.3	78.7	1.9	0.1	19.3	15.1	23.5
Slovenia	644	37.7	59.0	3.1	0.3	37.7	33.1	41.5
Spain	600	35.1	60.3	4.4	0.2	35.1	30.0	40.1
Sweden	681	37.7	60.1	1.1	1.0	37.7	32.0	43.2
Thailand	638	27.5	63.6	8.2	0.7	27.5	28.6	26.5
Tunisia	686	14.3	58.4	23.6	3.8	14.3	17.4	11.2
Turkey	1065	29.2	66.0	4.1	0.7	29.2	28.3	30.2
United Arab Emirates	2104	20.3	74.9	3.4	1.4	20.3	17.0	23.6
United States	1800	50.8	46.8	0.8	1.6	50.8	48.6	53.1
Yemen	1152	6.3	58.2	31.4	4.1	6.3	6.9	6.0
International Avg. (50)	37016	31.6	62.0	5.3	1.2	31.6	29.0	34.0
Botswana (6)	604	16.2	79.0	4.9	0.0	16.2	18.2	13.9
Honduras (6)	560	15.6	76.3	4.9	3.2	15.6	15.8	15.3
Yemen (6)	701	11.5	72.2	14.7	1.6	11.5	12.7	10.6
Alberta, Canada	514	46.2	49.8	3.3	0.8	46.2	40.9	50.6
Ontario, Canada	671	46.4	49.8	1.7	2.1	46.4	45.1	47.7
Quebec, Canada	599	40.5	57.5	1.3	0.6	40.5	37.8	43.4
Abu Dhabi, UAE	601	17.2	77.1	4.3	1.4	17.2	13.8	20.6
Dubai, UAE	872	22.3	74.8	1.8	1.1	22.3	17.5	26.6
Florida, US	379	47.5	50.9	0.9	0.7	47.5	45.7	49.7
North Carolina, US	248	50.1	47.0	1.2	1.6	50.1	51.4	48.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_06 (S051130): Physical Science / Reasoning
Label: Take salt out of birthday cake - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	8.3	12.1	60.2	10.7	8.7	20.4	22.1	19.2
Australia	882	18.4	11.1	66.8	2.0	1.7	29.5	36.5	22.5
Austria	668	12.0	4.7	81.1	2.2	0.0	16.7	20.0	13.5
Azerbaijan	693	5.0	14.1	61.8	16.9	2.2	19.1	21.2	17.1
Bahrain	576	4.8	18.2	74.7	0.8	1.5	23.0	17.0	29.3
Belgium (Flemish)	704	12.8	15.9	70.0	0.9	0.5	28.6	30.9	26.4
Chile	790	5.8	6.0	82.1	2.8	3.2	11.8	13.5	10.2
Chinese Taipei	613	11.8	20.8	66.4	1.0	0.0	32.6	35.5	30.0
Croatia	646	15.5	15.5	67.5	1.4	0.2	31.0	35.8	26.1
Czech Republic	662	11.0	16.2	68.1	4.4	0.4	27.2	29.4	25.1
Denmark	563	21.3	11.2	61.2	2.9	3.4	32.6	36.2	28.8
England	482	13.4	6.5	76.7	2.1	1.3	19.8	24.4	15.9
Finland	667	3.0	14.0	82.2	0.5	0.3	17.0	15.7	18.3
Georgia	678	13.0	14.2	65.2	6.6	1.0	27.1	32.4	22.3
Germany	569	15.0	5.4	76.6	2.0	1.0	20.4	21.2	19.6
Hong Kong SAR	575	3.0	27.8	67.7	1.1	0.4	30.8	38.3	24.1
Hungary	731	21.3	10.4	65.1	1.4	1.8	31.6	31.8	31.5
Iran, Islamic Rep. of	823	1.9	27.7	64.7	2.9	2.8	29.6	32.9	26.4
Ireland	647	10.0	2.1	86.0	1.6	0.3	12.0	14.7	9.3
Italy	605	4.0	12.8	79.2	2.3	1.8	16.8	16.2	17.3
Japan	627	14.8	17.1	66.6	0.3	1.2	31.9	31.9	31.8
Kazakhstan	629	16.3	21.9	49.2	11.0	1.6	38.2	42.6	34.0
Korea, Rep. of	625	5.2	15.6	78.5	0.7	0.0	20.8	21.9	19.7
Kuwait	593	4.0	4.9	81.6	7.1	2.5	8.8	11.8	5.2
Lithuania	664	8.6	25.8	64.4	0.9	0.3	34.4	32.8	36.1
Malta	522	5.9	7.0	84.0	2.3	0.8	12.9	14.4	11.5
Morocco	1111	3.2	19.1	69.6	6.4	1.8	22.2	23.3	21.3
Netherlands	454	10.6	15.9	72.4	0.7	0.4	26.5	25.4	27.9
New Zealand	788	13.9	6.6	74.8	2.6	2.1	20.5	25.1	16.0
Northern Ireland	516	9.8	3.8	83.9	2.4	0.1	13.6	17.6	9.2
Norway	450	10.2	2.3	82.4	2.0	3.2	12.4	14.2	10.6
Oman	1491	2.7	8.3	82.3	3.9	2.7	11.1	12.3	9.8
Poland	711	11.8	20.7	66.0	1.2	0.3	32.6	34.2	31.0
Portugal	572	3.9	7.8	87.3	0.6	0.4	11.7	14.2	9.2
Qatar	585	3.5	13.0	77.5	4.6	1.4	16.4	21.0	12.3
Romania	675	11.5	24.4	60.4	1.8	1.8	36.0	40.4	31.1
Russian Federation	626	6.7	24.8	66.8	0.9	0.8	31.4	36.9	26.2
Saudi Arabia	512	4.6	12.9	79.2	2.7	0.6	17.5	19.9	15.0
Serbia	622	7.9	23.2	64.5	3.1	1.3	31.1	30.7	31.6
Singapore	906	12.9	32.4	54.2	0.3	0.1	45.3	47.0	43.7
Slovak Republic	800	9.8	20.6	67.8	1.6	0.2	30.4	30.9	29.9
Slovenia	644	6.6	21.5	70.3	1.0	0.6	28.1	27.5	28.7
Spain	600	2.0	5.0	88.8	3.5	0.6	7.1	6.8	7.3
Sweden	682	7.6	4.0	85.7	1.5	1.3	11.6	14.9	8.4
Thailand	638	6.4	12.5	74.4	5.6	1.0	18.9	24.3	14.4
Tunisia	700	6.3	16.8	68.4	3.8	4.7	23.1	28.0	18.5
Turkey	1065	6.4	15.5	75.3	1.8	1.0	21.9	23.5	20.4
United Arab Emirates	2104	7.6	9.6	78.6	2.6	1.6	17.2	21.1	13.5
United States	1800	26.2	3.4	67.2	1.3	1.9	29.6	31.9	27.3
Yemen	1152	0.9	0.2	83.6	10.9	4.5	1.0	1.5	0.7
International Avg. (50)	37162	9.2	13.7	72.6	3.1	1.5	22.8	25.1	20.7
Botswana (6)	604	7.1	10.3	80.6	2.1	0.0	17.4	20.4	14.0
Honduras (6)	560	14.5	17.3	60.9	3.0	4.3	31.8	34.1	29.0
Yemen (6)	701	2.5	3.7	88.6	3.3	1.9	6.2	7.2	5.5
Alberta, Canada	514	19.3	4.9	72.1	2.6	1.1	24.2	26.2	22.5
Ontario, Canada	671	21.7	4.8	68.6	2.6	2.4	26.5	30.9	22.1
Quebec, Canada	599	19.3	9.8	66.6	3.6	0.8	29.1	31.8	26.1
Abu Dhabi, UAE	601	6.1	8.3	80.9	2.8	1.9	14.4	18.3	10.4
Dubai, UAE	872	10.9	11.8	73.3	2.6	1.4	22.7	26.1	19.6
Florida, US	379	23.8	5.6	67.7	1.9	1.0	29.4	32.6	25.7
North Carolina, US	248	24.8	2.1	68.6	2.6	2.0	26.9	25.7	28.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_07 (S051114): Physical Science / Applying
Label: Four objects sorted into groups - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	30.1	14.5	14.2	30.1	16.7	14.8	9.6	31.2	29.2
Australia	882	49.4	10.0	21.3	49.4	14.7	2.6	2.1	47.8	50.9
Austria	668	51.5	5.7	21.2	51.5	15.6	6.1	0.0	53.8	49.3
Azerbaijan	693	35.8	11.5	18.1	35.8	14.9	17.0	2.6	34.7	36.8
Bahrain	576	38.0	18.6	25.4	38.0	14.6	1.9	1.5	35.7	40.4
Belgium (Flemish)	703	47.5	6.7	32.9	47.5	9.0	3.3	0.5	50.0	45.1
Chile	790	31.3	10.4	30.2	31.3	20.8	3.7	3.6	30.4	32.1
Chinese Taipei	613	63.5	5.1	22.8	63.5	6.2	2.4	0.0	66.0	61.3
Croatia	646	44.0	4.6	24.6	44.0	19.6	7.0	0.2	40.7	47.4
Czech Republic	662	57.2	8.5	15.8	57.2	13.6	4.2	0.7	60.9	53.7
Denmark	563	40.2	9.2	15.8	40.2	22.7	8.7	3.5	40.9	39.4
England	482	61.9	4.3	17.5	61.9	12.3	2.7	1.3	58.3	65.1
Finland	667	71.7	4.2	11.5	71.7	8.9	3.5	0.3	69.7	73.6
Georgia	678	41.8	8.5	29.1	41.8	13.3	6.2	1.1	41.2	42.4
Germany	569	45.7	7.7	27.2	45.7	10.3	8.0	1.0	41.4	49.9
Hong Kong SAR	575	64.0	4.4	19.3	64.0	11.2	0.6	0.4	62.5	65.4
Hungary	731	48.1	6.2	26.1	48.1	12.0	5.4	2.1	50.9	45.4
Iran, Islamic Rep. of	823	32.8	12.1	21.4	32.8	25.1	5.6	3.0	32.7	32.9
Ireland	647	47.3	7.6	23.8	47.3	18.7	2.3	0.3	42.5	52.2
Italy	605	45.8	6.4	26.9	45.8	11.6	7.3	2.0	42.8	48.6
Japan	627	56.2	4.6	23.5	56.2	10.7	3.8	1.2	54.7	57.8
Kazakhstan	630	37.3	18.9	22.7	37.3	16.4	3.2	1.6	34.2	40.3
Korea, Rep. of	625	84.8	3.4	7.9	84.8	3.9	0.0	0.0	86.5	83.2
Kuwait	583	34.4	20.0	23.5	34.4	13.1	6.7	2.4	35.8	32.5
Lithuania	664	41.6	4.9	26.3	41.6	20.2	6.7	0.3	38.4	44.8
Malta	522	36.4	12.0	31.1	36.4	15.6	4.2	0.8	35.0	37.6
Morocco	1085	27.2	21.8	28.4	27.2	10.5	9.9	2.1	24.7	29.3
Netherlands	454	47.5	5.0	22.5	47.5	21.5	3.2	0.4	48.0	47.1
New Zealand	787	45.4	13.8	19.8	45.4	16.3	2.3	2.3	39.3	51.4
Northern Ireland	516	58.1	5.7	22.9	58.1	11.2	1.7	0.4	59.5	56.5
Norway	450	40.2	10.3	15.1	40.2	25.6	5.0	3.9	36.5	44.1
Oman	1491	29.9	18.9	24.8	29.9	19.4	4.3	2.7	30.3	29.5
Poland	711	37.2	11.7	31.4	37.2	12.8	6.5	0.4	35.4	38.8
Portugal	572	47.8	12.1	23.4	47.8	14.6	1.7	0.4	47.1	48.6
Qatar	585	37.3	14.4	27.0	37.3	17.2	2.7	1.4	37.4	37.1
Romania	674	49.8	13.4	19.2	49.8	10.6	5.2	1.8	47.9	51.9
Russian Federation	626	58.1	7.3	21.7	58.1	8.6	3.5	0.9	60.2	56.0
Saudi Arabia	509	31.6	18.1	26.2	31.6	21.7	1.9	0.6	29.6	33.7
Serbia	622	50.0	5.7	24.7	50.0	10.4	7.6	1.5	52.5	47.5
Singapore	906	84.5	3.3	9.0	84.5	3.1	0.1	0.1	87.4	81.7
Slovak Republic	800	46.5	9.7	21.9	46.5	18.5	3.0	0.4	42.2	50.7
Slovenia	635	42.5	12.9	23.1	42.5	16.5	4.3	0.6	39.6	45.0
Spain	600	53.2	6.6	20.0	53.2	12.7	6.8	0.7	55.4	51.1
Sweden	682	39.8	10.4	23.9	39.8	18.8	5.6	1.5	38.1	41.5
Thailand	638	46.2	14.7	17.1	46.2	19.0	1.5	1.5	46.3	46.2
Tunisia	688	29.6	13.4	17.4	29.6	10.4	24.1	5.1	30.1	29.1
Turkey	1065	42.8	14.4	21.7	42.8	18.8	1.3	1.0	45.2	40.4
United Arab Emirates	2104	36.4	15.1	27.7	36.4	15.8	3.1	1.9	36.9	36.0
United States	1800	56.6	8.0	17.7	56.6	14.4	1.3	2.0	53.9	59.3
Yemen	1151	34.2	11.8	24.1	34.2	14.3	11.0	4.5	33.6	34.7
International Avg. (50)	37099	46.2	10.2	22.2	46.2	14.7	5.1	1.6	45.5	46.9
Botswana (6)	604	44.1	12.1	24.8	44.1	17.8	1.2	0.0	47.4	40.3
Honduras (6)	561	23.0	21.0	27.5	23.0	18.6	5.5	4.4	16.4	30.9
Yemen (6)	701	31.3	21.3	22.5	31.3	18.3	4.7	1.9	30.0	32.2
Alberta, Canada	514	67.8	7.6	11.4	67.8	9.8	2.3	1.1	67.0	68.5
Ontario, Canada	671	65.8	4.4	14.8	65.8	9.5	2.5	3.1	64.9	66.6
Quebec, Canada	599	45.3	4.3	31.2	45.3	14.1	3.8	1.4	45.3	45.2
Abu Dhabi, UAE	601	33.1	16.8	29.7	33.1	15.4	2.9	2.1	35.3	30.8
Dubai, UAE	872	44.6	10.9	21.4	44.6	18.2	3.3	1.6	45.4	43.9
Florida, US	379	58.1	8.2	18.2	58.1	13.7	0.7	1.0	57.8	58.5
North Carolina, US	248	55.2	11.1	14.8	55.2	14.4	2.5	2.0	55.2	55.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08A (S051121A): Physical Science / Knowing
Label: 1: Objects conductors - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	46.8	11.8	46.8	30.1	11.3	49.9	43.8
Australia	882	76.8	14.3	76.8	6.7	2.2	79.5	74.2
Austria	668	83.9	11.4	83.9	4.5	0.2	85.9	81.9
Azerbaijan	693	60.6	6.6	60.6	28.5	4.2	61.3	60.0
Bahrain	576	78.0	14.3	78.0	6.1	1.5	79.7	76.2
Belgium (Flemish)	704	90.1	6.7	90.1	2.5	0.8	92.4	87.8
Chile	790	80.0	10.6	80.0	4.3	5.1	81.5	78.6
Chinese Taipei	613	92.0	6.9	92.0	0.8	0.3	91.9	92.1
Croatia	646	87.8	8.6	87.8	3.2	0.4	90.8	84.7
Czech Republic	662	89.9	5.1	89.9	4.1	1.0	88.1	91.5
Denmark	563	78.7	11.3	78.7	5.9	4.1	84.2	73.0
England	482	85.3	9.5	85.3	3.8	1.5	88.1	82.8
Finland	667	90.4	7.8	90.4	1.6	0.3	88.2	92.4
Georgia	678	68.5	14.2	68.5	15.8	1.5	72.5	64.8
Germany	569	85.8	9.7	85.8	3.3	1.2	89.0	82.8
Hong Kong SAR	575	88.2	11.4	88.2	0.0	0.4	89.5	87.0
Hungary	731	85.7	7.6	85.7	3.6	3.0	89.1	82.4
Iran, Islamic Rep. of	823	64.9	12.2	64.9	19.2	3.7	62.9	66.9
Ireland	647	84.9	10.9	84.9	3.3	0.9	84.1	85.8
Italy	605	84.8	7.4	84.8	5.2	2.6	82.7	86.8
Japan	627	86.7	11.4	86.7	0.6	1.3	88.3	85.0
Kazakhstan	630	69.1	7.6	69.1	21.6	1.7	68.9	69.3
Korea, Rep. of	625	89.0	11.0	89.0	0.0	0.0	89.7	88.4
Kuwait	571	59.6	18.9	59.6	18.3	3.2	65.4	52.4
Lithuania	664	68.5	28.3	68.5	2.6	0.7	69.6	67.3
Malta	522	73.3	23.8	73.3	2.2	0.8	76.3	70.6
Morocco	1056	56.4	27.1	56.4	13.8	2.7	60.8	52.8
Netherlands	454	90.0	7.5	90.0	2.1	0.4	90.0	90.0
New Zealand	787	78.9	11.2	78.9	7.3	2.6	82.8	75.1
Northern Ireland	516	89.2	8.0	89.2	2.5	0.4	88.9	89.6
Norway	450	74.4	15.4	74.4	6.2	4.0	75.5	73.3
Oman	1492	62.9	16.5	62.9	17.8	2.8	68.6	56.9
Poland	711	86.2	8.0	86.2	4.5	1.2	88.7	83.9
Portugal	572	87.9	7.9	87.9	3.8	0.4	89.4	86.4
Qatar	585	65.6	20.7	65.6	12.0	1.7	68.8	62.7
Romania	668	75.1	9.1	75.1	14.0	1.8	76.2	73.8
Russian Federation	626	84.9	8.3	84.9	5.9	0.9	88.1	81.8
Saudi Arabia	507	77.8	9.1	77.8	12.3	0.8	87.3	67.6
Serbia	622	83.2	9.4	83.2	5.6	1.8	83.6	82.8
Singapore	906	93.0	6.2	93.0	0.7	0.1	93.7	92.5
Slovak Republic	800	89.4	6.8	89.4	3.4	0.5	90.0	88.7
Slovenia	643	84.6	11.9	84.6	2.8	0.7	85.1	84.1
Spain	600	86.3	10.5	86.3	2.1	1.1	86.8	85.7
Sweden	682	81.1	12.0	81.1	5.0	1.9	85.3	76.9
Thailand	638	74.5	12.2	74.5	11.6	1.7	75.9	73.3
Tunisia	687	56.0	17.1	56.0	19.7	7.2	60.2	51.9
Turkey	1065	79.1	14.4	79.1	5.4	1.1	78.8	79.3
United Arab Emirates	2104	73.6	16.5	73.6	7.8	2.0	77.2	70.1
United States	1800	87.5	7.6	87.5	2.6	2.2	89.9	85.2
Yemen	1150	35.3	19.6	35.3	39.3	5.8	39.8	32.4
International Avg. (50)	37058	78.0	11.8	78.0	8.1	2.0	80.0	76.1
Botswana (6)	604	59.4	24.5	59.4	15.9	0.1	61.6	57.0
Honduras (6)	561	59.8	12.3	59.8	22.3	5.5	61.4	57.9
Yemen (6)	700	61.2	10.2	61.2	25.9	2.7	57.8	63.6
Alberta, Canada	514	87.4	7.4	87.4	3.6	1.5	87.3	87.5
Ontario, Canada	671	84.2	8.6	84.2	3.5	3.8	86.4	81.9
Quebec, Canada	599	84.7	9.9	84.7	4.0	1.4	85.7	83.6
Abu Dhabi, UAE	601	70.2	17.4	70.2	10.1	2.3	76.7	63.7
Dubai, UAE	872	77.5	16.1	77.5	4.7	1.7	79.9	75.4
Florida, US	379	89.2	9.1	89.2	0.5	1.2	88.9	89.5
North Carolina, US	248	84.8	7.8	84.8	4.7	2.8	84.1	85.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08B (S051121B): Physical Science / Knowing
Label: 2: Objects conductors - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	44.0	15.3	44.0	29.4	11.3	46.7	41.2
Australia	882	75.5	16.7	75.5	5.7	2.2	74.9	76.1
Austria	668	83.9	10.7	83.9	5.2	0.2	82.2	85.5
Azerbaijan	693	50.6	14.7	50.6	30.5	4.2	49.2	51.9
Bahrain	576	79.9	12.3	79.9	6.3	1.5	82.4	77.2
Belgium (Flemish)	704	72.1	24.3	72.1	2.8	0.8	72.2	72.1
Chile	790	67.4	23.5	67.4	4.0	5.1	70.0	64.9
Chinese Taipei	613	92.2	6.7	92.2	0.9	0.3	92.6	91.8
Croatia	646	86.3	10.4	86.3	2.9	0.4	84.7	88.0
Czech Republic	662	75.1	19.8	75.1	4.1	1.0	75.0	75.2
Denmark	563	74.3	15.7	74.3	5.9	4.1	75.2	73.3
England	482	85.7	8.7	85.7	4.2	1.5	88.0	83.7
Finland	667	65.8	32.5	65.8	1.4	0.3	58.5	72.9
Georgia	678	64.8	18.2	64.8	15.5	1.5	67.8	62.1
Germany	569	82.3	12.7	82.3	3.8	1.2	82.8	81.8
Hong Kong SAR	575	83.6	16.0	83.6	0.0	0.4	80.3	86.6
Hungary	731	78.7	15.1	78.7	3.2	3.0	77.9	79.5
Iran, Islamic Rep. of	823	64.7	12.0	64.7	19.7	3.7	61.2	67.9
Ireland	647	76.4	19.7	76.4	3.0	0.9	73.6	79.3
Italy	605	82.4	9.9	82.4	5.1	2.6	80.8	83.8
Japan	627	90.2	7.8	90.2	0.6	1.3	90.7	89.7
Kazakhstan	630	60.1	16.4	60.1	21.9	1.7	58.5	61.5
Korea, Rep. of	625	83.8	16.1	83.8	0.1	0.0	83.2	84.4
Kuwait	570	58.3	18.7	58.3	19.7	3.2	63.7	51.5
Lithuania	664	59.6	37.6	59.6	2.2	0.7	52.1	67.1
Malta	522	81.1	15.6	81.1	2.5	0.8	79.8	82.2
Morocco	1047	55.7	26.9	55.7	14.8	2.7	57.8	54.0
Netherlands	454	76.2	21.5	76.2	1.9	0.4	81.0	70.1
New Zealand	787	71.4	19.1	71.4	7.0	2.6	73.8	68.9
Northern Ireland	516	84.9	12.0	84.9	2.7	0.4	86.3	83.4
Norway	450	72.7	16.3	72.7	7.0	4.0	73.7	71.6
Oman	1492	60.2	19.3	60.2	17.7	2.8	64.3	55.9
Poland	711	74.8	19.2	74.8	4.8	1.2	73.6	75.8
Portugal	572	79.1	16.9	79.1	3.5	0.4	78.3	79.9
Qatar	585	67.1	18.6	67.1	12.6	1.7	69.3	65.1
Romania	668	72.6	11.7	72.6	13.9	1.8	76.0	68.8
Russian Federation	626	60.6	32.7	60.6	5.8	0.9	56.1	64.9
Saudi Arabia	506	72.5	14.1	72.5	12.7	0.8	80.9	63.5
Serbia	622	30.7	63.6	30.7	4.0	1.8	28.1	33.2
Singapore	906	95.0	4.1	95.0	0.8	0.1	94.7	95.2
Slovak Republic	800	87.2	8.3	87.2	4.0	0.5	86.7	87.7
Slovenia	643	77.7	19.0	77.7	2.6	0.7	76.9	78.4
Spain	600	81.5	15.1	81.5	2.3	1.1	79.9	83.2
Sweden	682	73.0	20.2	73.0	4.9	1.9	74.3	71.9
Thailand	638	73.0	13.0	73.0	12.3	1.7	75.3	71.1
Tunisia	688	51.7	20.9	51.7	20.2	7.1	50.5	52.9
Turkey	1065	71.6	21.6	71.6	5.7	1.1	73.0	70.1
United Arab Emirates	2104	73.9	15.9	73.9	8.2	2.0	76.9	70.9
United States	1800	78.3	16.6	78.3	2.9	2.2	78.6	78.0
Yemen	1150	32.2	19.7	32.2	42.3	5.8	35.8	29.9
International Avg. (50)	37048	71.8	17.9	71.8	8.3	2.0	72.1	71.5
Botswana (6)	604	57.0	27.2	57.0	15.7	0.1	58.1	55.7
Honduras (6)	561	58.9	13.5	58.9	22.0	5.5	60.0	57.6
Yemen (6)	700	55.7	15.3	55.7	26.3	2.7	53.9	57.1
Alberta, Canada	514	84.8	9.9	84.8	3.7	1.5	82.0	87.1
Ontario, Canada	671	72.5	20.1	72.5	3.5	3.8	72.9	72.0
Quebec, Canada	599	76.9	17.3	76.9	4.5	1.4	77.9	75.8
Abu Dhabi, UAE	601	69.3	17.5	69.3	10.9	2.3	72.9	65.7
Dubai, UAE	872	77.8	15.1	77.8	5.5	1.7	82.6	73.4
Florida, US	379	84.9	13.1	84.9	0.7	1.2	85.5	84.3
North Carolina, US	248	82.3	10.3	82.3	4.7	2.8	84.1	80.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08C (S051121C): Physical Science / Knowing
Label: 3: Objects conductors - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	40.2	40.2	24.3	24.2	11.3	39.2	40.8
Australia	882	73.2	73.2	21.4	3.2	2.2	74.1	72.3
Austria	668	85.4	85.4	12.8	1.6	0.2	84.0	86.7
Azerbaijan	693	58.3	58.3	13.6	23.9	4.2	57.4	59.1
Bahrain	576	69.6	69.6	23.6	5.2	1.5	67.6	71.6
Belgium (Flemish)	704	61.8	61.8	34.9	2.5	0.8	62.2	61.5
Chile	790	61.7	61.7	29.6	3.6	5.1	64.4	59.1
Chinese Taipei	613	90.2	90.2	8.8	0.8	0.3	88.0	92.1
Croatia	646	73.6	73.6	23.3	2.7	0.4	68.1	79.3
Czech Republic	662	61.8	61.8	33.2	4.1	1.0	54.5	68.7
Denmark	563	68.3	68.3	23.2	4.4	4.1	68.5	68.0
England	482	81.1	81.1	13.9	3.4	1.5	81.3	81.0
Finland	667	73.2	73.2	25.3	1.2	0.3	70.4	76.0
Georgia	678	64.2	64.2	22.0	12.2	1.5	66.2	62.4
Germany	569	85.0	85.0	11.4	2.4	1.2	86.6	83.6
Hong Kong SAR	575	88.3	88.3	10.7	0.6	0.4	85.1	91.1
Hungary	731	70.9	70.9	23.5	2.6	3.0	67.3	74.4
Iran, Islamic Rep. of	823	62.1	62.1	18.4	15.9	3.7	58.3	65.8
Ireland	647	71.5	71.5	25.1	2.6	0.9	71.9	71.1
Italy	605	66.8	66.8	26.4	4.1	2.6	67.6	66.1
Japan	627	93.2	93.2	4.9	0.6	1.3	93.7	92.6
Kazakhstan	630	52.2	52.2	25.5	20.6	1.7	48.8	55.5
Korea, Rep. of	625	91.4	91.4	8.3	0.3	0.0	89.0	93.6
Kuwait	572	55.3	55.3	24.2	17.3	3.2	58.3	51.6
Lithuania	664	78.4	78.4	19.3	1.7	0.7	80.0	76.7
Malta	522	73.0	73.0	24.0	2.2	0.8	73.3	72.8
Morocco	1071	58.1	58.1	28.5	10.7	2.7	58.5	57.8
Netherlands	454	76.5	76.5	21.4	1.6	0.4	77.9	75.4
New Zealand	787	67.5	67.5	24.8	5.1	2.6	67.7	67.3
Northern Ireland	516	73.5	73.5	24.5	1.6	0.4	75.8	70.9
Norway	450	55.3	55.3	35.5	5.2	4.0	52.5	58.3
Oman	1492	59.2	59.2	21.2	16.9	2.8	61.4	56.8
Poland	711	74.0	74.0	21.5	3.3	1.2	74.2	73.8
Portugal	572	81.6	81.6	15.0	2.9	0.4	85.2	78.1
Qatar	585	64.8	64.8	21.5	12.0	1.7	67.3	62.5
Romania	670	63.0	63.0	24.7	10.5	1.8	60.0	66.3
Russian Federation	626	59.1	59.1	33.6	6.4	0.9	56.1	62.0
Saudi Arabia	507	65.9	65.9	25.0	8.3	0.8	66.3	65.6
Serbia	622	51.1	51.1	41.8	5.3	1.8	46.3	55.8
Singapore	906	76.9	76.9	22.6	0.4	0.1	75.4	78.4
Slovak Republic	800	70.6	70.6	25.9	3.0	0.5	67.0	74.3
Slovenia	643	75.7	75.7	21.8	1.9	0.7	73.8	77.3
Spain	600	76.3	76.3	20.5	2.1	1.1	72.8	79.7
Sweden	682	69.8	69.8	22.4	5.9	1.9	72.4	67.2
Thailand	638	75.2	75.2	12.4	10.7	1.7	76.8	73.8
Tunisia	688	56.9	56.9	18.4	17.5	7.2	55.0	58.6
Turkey	1065	67.4	67.4	26.4	5.2	1.1	68.2	66.5
United Arab Emirates	2104	66.3	66.3	24.5	7.1	2.0	65.4	67.2
United States	1800	76.1	76.1	18.9	2.8	2.2	80.0	72.3
Yemen	1150	34.7	34.7	21.5	38.0	5.8	33.0	35.9
International Avg. (50)	37077	68.9	68.9	22.1	7.0	2.0	68.3	69.5
Botswana (6)	604	71.9	71.9	15.7	12.3	0.1	73.2	70.4
Honduras (6)	561	51.3	51.3	27.4	15.7	5.5	49.6	53.4
Yemen (6)	700	46.5	46.5	27.6	23.1	2.7	46.4	46.7
Alberta, Canada	514	70.9	70.9	24.4	3.2	1.5	70.3	71.3
Ontario, Canada	671	63.4	63.4	29.7	3.1	3.8	64.9	61.8
Quebec, Canada	599	73.7	73.7	22.2	2.7	1.4	75.1	72.2
Abu Dhabi, UAE	601	64.3	64.3	24.3	9.1	2.3	67.0	61.6
Dubai, UAE	872	70.3	70.3	23.2	4.9	1.7	70.6	70.0
Florida, US	379	78.6	78.6	19.2	1.0	1.2	77.7	79.6
North Carolina, US	248	77.7	77.7	14.6	5.0	2.8	81.5	72.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08D (S051121D): Physical Science / Knowing
Label: 4: Objects conductors - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	48.2	10.3	48.2	30.2	11.3	52.6	44.3
Australia	882	64.3	25.9	64.3	7.6	2.2	65.0	63.5
Austria	668	85.3	9.4	85.3	5.1	0.2	84.2	86.3
Azerbaijan	693	55.8	9.3	55.8	30.7	4.2	56.1	55.5
Bahrain	576	76.3	16.2	76.3	5.9	1.5	78.7	73.9
Belgium (Flemish)	704	68.0	29.6	68.0	1.6	0.8	70.5	65.5
Chile	790	66.4	24.3	66.4	4.3	5.1	68.5	64.5
Chinese Taipei	613	93.4	5.2	93.4	1.1	0.3	91.6	95.1
Croatia	646	86.4	9.9	86.4	3.4	0.4	84.6	88.1
Czech Republic	662	80.3	15.1	80.3	3.6	1.0	79.9	80.7
Denmark	563	67.3	22.4	67.3	6.1	4.1	71.1	63.4
England	482	79.5	15.0	79.5	4.0	1.5	86.2	73.8
Finland	667	73.2	24.9	73.2	1.6	0.3	71.8	74.6
Georgia	678	68.1	13.5	68.1	16.9	1.5	70.2	66.1
Germany	569	81.9	13.4	81.9	3.6	1.2	85.9	78.1
Hong Kong SAR	575	89.3	10.1	89.3	0.2	0.4	91.5	87.4
Hungary	731	80.6	12.9	80.6	3.5	3.0	81.5	79.6
Iran, Islamic Rep. of	823	67.2	10.7	67.2	18.5	3.7	63.1	71.1
Ireland	647	67.9	28.1	67.9	3.1	0.9	71.4	64.4
Italy	605	79.2	13.4	79.2	4.8	2.6	80.8	77.7
Japan	627	93.0	4.9	93.0	0.8	1.3	94.3	91.7
Kazakhstan	630	64.0	10.0	64.0	24.3	1.7	65.4	62.8
Korea, Rep. of	625	93.8	6.2	93.8	0.0	0.0	92.2	95.3
Kuwait	571	56.8	21.8	56.8	18.1	3.2	61.0	51.6
Lithuania	664	72.4	24.5	72.4	2.5	0.7	74.0	70.8
Malta	522	73.3	23.2	73.3	2.7	0.8	75.7	71.2
Morocco	1047	52.8	29.6	52.8	14.8	2.7	53.2	52.5
Netherlands	454	71.4	26.1	71.4	2.1	0.4	74.8	67.0
New Zealand	787	60.3	30.9	60.3	6.3	2.6	64.3	56.3
Northern Ireland	516	74.8	22.6	74.8	2.2	0.4	74.6	75.0
Norway	450	63.4	26.4	63.4	6.2	4.0	64.5	62.3
Oman	1492	62.4	16.0	62.4	18.8	2.8	68.0	56.5
Poland	711	77.3	16.6	77.3	4.9	1.2	79.8	75.0
Portugal	572	82.1	12.8	82.1	4.7	0.4	83.4	80.9
Qatar	585	63.4	22.3	63.4	12.6	1.7	69.5	57.9
Romania	670	70.7	11.7	70.7	15.8	1.8	71.8	69.4
Russian Federation	626	78.3	13.4	78.3	7.3	0.9	78.3	78.4
Saudi Arabia	508	69.9	16.9	69.9	12.4	0.8	78.5	60.8
Serbia	622	67.8	24.9	67.8	5.5	1.8	63.1	72.4
Singapore	906	91.3	7.8	91.3	0.8	0.1	93.7	89.1
Slovak Republic	800	89.0	6.3	89.0	4.3	0.5	87.8	90.2
Slovenia	643	84.7	11.9	84.7	2.7	0.7	84.0	85.2
Spain	600	81.1	15.6	81.1	2.2	1.1	82.5	79.8
Sweden	682	68.7	23.8	68.7	5.6	1.9	68.7	68.7
Thailand	638	71.7	15.4	71.7	11.2	1.7	74.3	69.5
Tunisia	688	52.2	20.7	52.2	20.0	7.2	51.9	52.4
Turkey	1065	76.9	16.3	76.9	5.7	1.1	77.2	76.7
United Arab Emirates	2104	70.6	19.1	70.6	8.2	2.0	72.0	69.3
United States	1800	69.8	25.2	69.8	2.8	2.2	71.7	68.0
Yemen	1150	32.7	17.0	32.7	44.6	5.8	33.9	32.0
International Avg. (50)	37053	72.3	17.2	72.3	8.5	2.0	73.8	70.8
Botswana (6)	604	62.1	21.4	62.1	16.4	0.1	64.5	59.3
Honduras (6)	561	57.3	15.0	57.3	22.1	5.5	57.1	57.6
Yemen (6)	700	57.8	12.2	57.8	27.3	2.7	57.5	58.1
Alberta, Canada	514	68.9	25.8	68.9	3.7	1.5	65.5	71.8
Ontario, Canada	671	59.8	32.1	59.8	4.3	3.8	61.1	58.5
Quebec, Canada	599	70.0	25.1	70.0	3.5	1.4	74.1	65.6
Abu Dhabi, UAE	601	68.8	18.5	68.8	10.3	2.3	71.2	66.5
Dubai, UAE	872	71.8	21.6	71.8	4.9	1.7	72.3	71.4
Florida, US	379	64.4	33.2	64.4	1.2	1.2	62.4	66.7
North Carolina, US	248	70.1	22.8	70.1	4.3	2.8	68.6	72.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08E (S051121E): Physical Science / Knowing
Label: 5: Objects conductors - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	62.5	62.5	10.8	15.4	11.3	63.9	61.2
Australia	882	68.3	68.3	25.5	4.0	2.2	67.5	69.2
Austria	668	88.3	88.3	9.9	1.5	0.2	87.0	89.6
Azerbaijan	693	74.9	74.9	6.8	14.0	4.2	72.6	77.1
Bahrain	576	79.4	79.4	14.6	4.5	1.5	78.3	80.6
Belgium (Flemish)	704	64.6	64.6	33.1	1.5	0.8	66.5	62.8
Chile	790	61.6	61.6	29.8	3.5	5.1	65.2	58.3
Chinese Taipei	613	94.2	94.2	5.0	0.6	0.3	93.2	95.0
Croatia	646	79.3	79.3	17.6	2.7	0.4	74.7	84.0
Czech Republic	662	63.7	63.7	32.1	3.2	1.0	56.2	70.9
Denmark	563	67.1	67.1	24.3	4.4	4.1	67.2	67.0
England	482	83.2	83.2	12.0	3.3	1.5	85.2	81.5
Finland	667	72.7	72.7	25.6	1.3	0.3	68.8	76.5
Georgia	678	69.9	69.9	18.5	10.1	1.5	69.9	69.8
Germany	569	85.4	85.4	11.2	2.3	1.2	86.2	84.5
Hong Kong SAR	575	93.4	93.4	5.8	0.4	0.4	93.4	93.4
Hungary	731	74.4	74.4	20.8	1.8	3.0	72.2	76.7
Iran, Islamic Rep. of	823	80.2	80.2	7.6	8.6	3.7	78.8	81.6
Ireland	647	75.2	75.2	21.5	2.5	0.9	76.9	73.5
Italy	605	72.7	72.7	21.7	3.0	2.6	76.3	69.4
Japan	627	96.1	96.1	1.9	0.6	1.3	96.8	95.4
Kazakhstan	630	71.2	71.2	12.0	15.1	1.7	70.4	71.9
Korea, Rep. of	625	94.0	94.0	5.8	0.2	0.0	93.5	94.4
Kuwait	571	65.1	65.1	14.7	17.0	3.2	69.7	59.3
Lithuania	664	76.4	76.4	21.4	1.6	0.7	78.2	74.6
Malta	522	75.7	75.7	20.9	2.5	0.8	77.4	74.2
Morocco	1084	65.8	65.8	21.5	10.0	2.7	63.6	67.7
Netherlands	454	75.4	75.4	22.6	1.5	0.4	76.1	75.1
New Zealand	787	70.8	70.8	21.8	4.8	2.6	71.0	70.7
Northern Ireland	516	75.1	75.1	22.9	1.6	0.4	78.3	71.4
Norway	450	53.9	53.9	37.3	4.8	4.0	52.7	55.2
Oman	1492	72.4	72.4	10.6	14.1	2.8	77.4	67.2
Poland	711	74.6	74.6	20.6	3.7	1.2	75.0	74.2
Portugal	572	82.9	82.9	14.0	2.6	0.4	83.6	82.3
Qatar	585	70.6	70.6	15.7	11.9	1.7	75.4	66.2
Romania	672	75.5	75.5	15.5	7.2	1.8	74.8	76.2
Russian Federation	626	73.7	73.7	21.1	4.3	0.9	71.0	76.2
Saudi Arabia	509	76.7	76.7	15.0	7.6	0.8	82.2	70.8
Serbia	622	63.5	63.5	31.1	3.6	1.8	62.9	64.0
Singapore	906	90.6	90.6	8.7	0.5	0.1	90.9	90.3
Slovak Republic	800	84.0	84.0	12.7	2.8	0.5	81.2	86.7
Slovenia	643	85.4	85.4	12.9	1.0	0.7	83.8	86.8
Spain	600	77.6	77.6	19.3	2.1	1.1	74.5	80.5
Sweden	682	74.0	74.0	21.8	2.3	1.9	72.2	75.8
Thailand	638	77.4	77.4	11.6	9.3	1.7	79.3	75.8
Tunisia	689	59.0	59.0	14.9	18.9	7.2	59.7	58.4
Turkey	1065	68.2	68.2	25.4	5.3	1.1	67.9	68.5
United Arab Emirates	2104	76.0	76.0	15.7	6.3	2.0	78.2	73.9
United States	1800	80.1	80.1	15.3	2.3	2.2	82.2	78.1
Yemen	1150	43.3	43.3	14.4	36.5	5.8	47.5	40.6
International Avg. (50)	37094	74.7	74.7	17.5	5.8	2.0	75.0	74.5
Botswana (6)	604	74.1	74.1	14.5	11.3	0.1	76.6	71.4
Honduras (6)	561	68.2	68.2	16.2	10.2	5.5	67.0	69.5
Yemen (6)	700	69.4	69.4	12.4	15.5	2.7	69.1	69.6
Alberta, Canada	514	74.1	74.1	21.5	2.8	1.5	71.4	76.4
Ontario, Canada	671	67.0	67.0	26.0	3.2	3.8	68.6	65.4
Quebec, Canada	599	73.3	73.3	22.1	3.2	1.4	78.5	67.8
Abu Dhabi, UAE	601	75.5	75.5	13.9	8.3	2.3	79.0	72.0
Dubai, UAE	872	77.7	77.7	15.8	4.8	1.7	79.3	76.2
Florida, US	379	80.8	80.8	17.1	0.9	1.2	83.9	77.0
North Carolina, US	248	82.4	82.4	10.6	4.2	2.8	84.5	79.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_08Z (S051121Z): Physical Science / Knowing
Label: Objects conductors- DERIVED - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	19.0	61.5	8.1	11.3	19.0	18.3	19.3
Australia	882	33.9	62.8	1.1	2.2	33.9	36.2	31.6
Austria	668	63.5	35.5	0.9	0.2	63.5	61.9	65.0
Azerbaijan	693	36.4	53.6	5.7	4.2	36.4	33.4	39.4
Bahrain	576	48.6	46.8	3.1	1.5	48.6	46.3	51.0
Belgium (Flemish)	704	34.4	63.9	0.9	0.8	34.4	36.8	32.2
Chile	790	35.7	56.5	2.7	5.1	35.7	40.4	31.3
Chinese Taipei	613	77.4	21.7	0.6	0.3	77.4	76.3	78.5
Croatia	646	52.4	45.2	2.0	0.4	52.4	50.4	54.5
Czech Republic	662	39.4	57.7	1.9	1.0	39.4	36.7	42.1
Denmark	563	42.6	50.3	3.0	4.1	42.6	46.7	38.4
England	482	59.8	36.4	2.3	1.5	59.8	64.3	55.9
Finland	667	44.4	54.5	0.8	0.3	44.4	37.3	51.3
Georgia	678	36.5	57.9	4.1	1.5	36.5	37.1	35.9
Germany	569	59.1	38.8	0.9	1.2	59.1	61.9	56.5
Hong Kong SAR	575	66.6	33.0	0.0	0.4	66.6	66.0	67.2
Hungary	731	50.7	45.6	0.7	3.0	50.7	47.1	54.2
Iran, Islamic Rep. of	823	46.0	48.1	2.3	3.7	46.0	42.3	49.5
Ireland	647	40.5	57.6	1.1	0.9	40.5	42.2	38.8
Italy	605	48.9	46.4	2.0	2.6	48.9	49.6	48.3
Japan	627	72.7	25.7	0.3	1.3	72.7	74.4	70.9
Kazakhstan	630	35.3	59.1	3.9	1.7	35.3	31.9	38.5
Korea, Rep. of	625	69.4	30.6	0.0	0.0	69.4	67.5	71.1
Kuwait	569	25.7	58.2	12.9	3.2	25.7	28.1	22.7
Lithuania	664	32.8	65.8	0.7	0.7	32.8	27.2	38.3
Malta	522	44.1	53.3	1.8	0.8	44.1	45.7	42.7
Morocco	1034	24.5	66.5	6.2	2.7	24.5	24.7	24.5
Netherlands	454	43.8	54.6	1.1	0.4	43.8	47.7	39.3
New Zealand	787	34.1	61.7	1.7	2.6	34.1	38.2	30.0
Northern Ireland	516	48.1	50.0	1.5	0.4	48.1	50.0	46.0
Norway	450	30.1	63.7	2.2	4.0	30.1	32.0	28.1
Oman	1492	36.8	49.9	10.5	2.8	36.8	39.4	34.1
Poland	711	47.7	48.7	2.3	1.2	47.7	48.5	47.1
Portugal	572	55.4	42.8	1.4	0.4	55.4	58.4	52.5
Qatar	585	36.3	51.3	10.6	1.7	36.3	36.9	35.8
Romania	668	40.6	54.7	2.8	1.8	40.6	40.0	41.4
Russian Federation	626	35.2	63.6	0.3	0.9	35.2	33.4	37.0
Saudi Arabia	503	40.7	56.9	1.7	0.8	40.7	48.5	32.2
Serbia	622	19.7	76.7	1.8	1.8	19.7	17.6	21.8
Singapore	906	64.3	35.5	0.1	0.1	64.3	64.7	64.0
Slovak Republic	800	55.2	42.9	1.4	0.5	55.2	51.4	58.9
Slovenia	643	52.6	46.1	0.6	0.7	52.6	50.6	54.2
Spain	600	49.5	47.8	1.6	1.1	49.5	46.8	52.2
Sweden	682	38.6	58.7	0.8	1.9	38.6	39.2	38.1
Thailand	638	53.7	41.3	3.3	1.7	53.7	51.9	55.2
Tunisia	687	29.7	47.7	15.4	7.2	29.7	30.0	29.4
Turkey	1065	39.1	56.3	3.5	1.1	39.1	36.9	41.3
United Arab Emirates	2104	39.5	56.0	2.5	2.0	39.5	39.6	39.4
United States	1800	51.3	44.9	1.6	2.2	51.3	53.4	49.2
Yemen	1150	9.9	62.2	22.2	5.8	9.9	9.9	9.9
International Avg. (50)	37030	43.8	50.9	3.2	2.0	43.8	43.9	43.7
Botswana (6)	604	38.2	56.8	4.8	0.1	38.2	37.9	38.6
Honduras (6)	561	26.7	65.0	2.8	5.5	26.7	27.5	25.7
Yemen (6)	700	28.9	59.1	9.2	2.7	28.9	24.9	31.8
Alberta, Canada	514	45.4	51.4	1.6	1.5	45.4	42.5	48.0
Ontario, Canada	671	36.2	58.5	1.6	3.8	36.2	37.4	34.9
Quebec, Canada	599	44.2	52.2	2.3	1.4	44.2	47.7	40.4
Abu Dhabi, UAE	601	38.9	54.9	3.9	2.3	38.9	41.0	36.8
Dubai, UAE	872	40.8	56.1	1.4	1.7	40.8	41.3	40.5
Florida, US	379	46.9	51.9	0.0	1.2	46.9	44.8	49.4
North Carolina, US	248	53.4	40.5	3.4	2.8	53.4	51.2	56.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_09 (S051147): Physical Science / Knowing
Label: Marble rolls down the track - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	8.5	33.9	45.2	12.5	8.5	7.3	9.6
Australia	882	30.4	59.1	8.1	2.4	30.4	23.4	37.3
Austria	668	33.5	53.2	13.0	0.3	33.5	34.4	32.7
Azerbaijan	693	10.0	44.8	40.3	4.8	10.0	7.8	12.2
Bahrain	576	28.4	60.0	9.9	1.8	28.4	27.6	29.2
Belgium (Flemish)	704	30.8	61.8	6.4	1.0	30.8	31.6	30.0
Chile	790	21.5	51.2	21.8	5.4	21.5	19.0	23.8
Chinese Taipei	613	19.7	62.9	17.1	0.3	19.7	18.1	21.1
Croatia	646	14.1	64.9	20.3	0.6	14.1	9.1	19.2
Czech Republic	662	27.9	50.7	20.1	1.3	27.9	16.8	38.4
Denmark	563	49.9	34.8	11.0	4.3	49.9	47.7	52.2
England	482	43.7	45.2	8.8	2.3	43.7	34.0	52.0
Finland	667	51.9	38.3	9.2	0.7	51.9	45.2	58.2
Georgia	678	18.5	54.7	24.7	2.1	18.5	18.0	19.0
Germany	569	28.7	55.1	15.0	1.2	28.7	23.9	33.3
Hong Kong SAR	575	32.0	56.9	10.7	0.4	32.0	27.2	36.3
Hungary	730	29.0	55.4	12.3	3.4	29.0	24.9	33.0
Iran, Islamic Rep. of	823	31.0	46.7	17.9	4.4	31.0	29.3	32.6
Ireland	647	32.2	57.0	9.9	0.9	32.2	25.1	39.3
Italy	605	15.6	52.0	29.7	2.6	15.6	14.7	16.4
Japan	627	24.1	60.7	13.5	1.7	24.1	22.0	26.3
Kazakhstan	630	18.6	64.6	14.2	2.7	18.6	18.6	18.7
Korea, Rep. of	625	26.9	67.7	5.4	0.0	26.9	24.2	29.3
Kuwait	593	20.6	43.8	31.8	3.8	20.6	25.8	14.3
Lithuania	664	19.0	64.2	15.8	1.0	19.0	16.4	21.6
Malta	522	11.1	61.4	26.2	1.2	11.1	9.3	12.8
Morocco	1111	9.1	43.2	43.8	4.0	9.1	8.9	9.2
Netherlands	454	39.5	57.0	2.9	0.7	39.5	34.8	45.4
New Zealand	788	27.6	62.5	7.3	2.7	27.6	23.1	32.0
Northern Ireland	516	31.7	57.5	10.1	0.7	31.7	27.3	36.6
Norway	450	33.5	46.8	14.4	5.3	33.5	26.1	41.4
Oman	1492	7.7	55.5	33.3	3.5	7.7	8.8	6.6
Poland	711	19.6	57.6	20.4	2.4	19.6	15.2	23.7
Portugal	572	18.9	67.4	12.0	1.7	18.9	14.2	23.6
Qatar	585	15.9	59.0	22.9	2.2	15.9	19.5	12.6
Romania	675	25.2	54.7	18.0	2.1	25.2	23.4	27.1
Russian Federation	626	32.5	55.9	10.7	0.9	32.5	36.1	29.2
Saudi Arabia	512	21.8	62.2	15.3	0.8	21.8	25.7	17.6
Serbia	622	16.8	68.4	12.3	2.6	16.8	16.3	17.2
Singapore	906	29.7	66.7	3.5	0.1	29.7	26.6	32.5
Slovak Republic	800	43.1	44.2	11.8	0.9	43.1	35.8	50.4
Slovenia	644	10.1	67.7	21.3	0.9	10.1	8.0	12.0
Spain	600	28.0	55.9	14.6	1.4	28.0	26.4	29.7
Sweden	681	38.1	46.5	13.3	2.0	38.1	29.4	46.6
Thailand	638	30.3	48.3	19.7	1.7	30.3	32.9	28.0
Tunisia	700	7.8	68.2	16.2	7.8	7.8	9.0	6.7
Turkey	1066	5.7	84.1	8.3	1.9	5.7	5.9	5.4
United Arab Emirates	2104	21.4	52.8	23.2	2.5	21.4	21.0	21.9
United States	1800	43.7	49.3	4.5	2.5	43.7	39.4	48.0
Yemen	1152	4.6	41.6	46.5	7.3	4.6	4.8	4.4
International Avg. (50)	37163	24.8	55.5	17.3	2.4	24.8	22.4	27.1
Botswana (6)	604	6.2	84.6	8.8	0.3	6.2	6.9	5.5
Honduras (6)	561	12.4	59.2	22.5	5.9	12.4	9.7	15.6
Yemen (6)	701	15.2	59.9	22.1	2.9	15.2	19.1	12.4
Alberta, Canada	514	35.4	57.1	5.6	1.9	35.4	26.7	42.8
Ontario, Canada	671	42.1	47.4	6.5	4.0	42.1	38.6	45.6
Quebec, Canada	599	16.3	74.3	7.6	1.8	16.3	14.3	18.5
Abu Dhabi, UAE	601	15.7	59.6	21.7	2.9	15.7	14.8	16.6
Dubai, UAE	872	24.3	53.5	19.7	2.4	24.3	22.6	25.9
Florida, US	379	43.7	50.7	3.5	2.1	43.7	41.0	46.8
North Carolina, US	248	34.5	55.4	7.1	3.1	34.5	30.2	40.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S04_10 (S051105): Earth Science / Knowing
Label: Water on sidewalk - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	20.1	20.1	6.3	4.3	48.5	6.4	14.4	20.3	19.6
Australia	882	71.1	71.1	4.3	8.3	11.4	1.6	3.3	70.7	71.5
Austria	668	71.7	71.7	2.2	7.2	16.4	1.9	0.6	72.4	71.0
Azerbaijan	693	66.9	66.9	7.2	6.8	7.9	5.2	5.9	67.1	66.7
Bahrain	576	70.1	70.1	6.3	5.9	12.9	2.2	2.6	72.9	67.2
Belgium (Flemish)	704	78.7	78.7	3.3	7.0	8.9	0.9	1.1	79.1	78.4
Chile	790	37.5	37.5	14.2	11.1	29.7	1.6	5.9	34.6	40.3
Chinese Taipei	613	89.7	89.7	0.9	4.0	4.3	0.8	0.3	89.0	90.3
Croatia	646	77.5	77.5	5.1	6.7	8.8	1.3	0.6	77.7	77.4
Czech Republic	662	64.2	64.2	2.8	12.4	17.5	1.6	1.5	66.5	61.9
Denmark	563	52.7	52.7	7.4	12.5	19.2	3.3	4.9	48.1	57.5
England	482	78.3	78.3	4.5	5.2	7.5	1.7	2.7	77.7	78.9
Finland	667	87.9	87.9	2.8	3.6	3.6	0.7	1.4	89.1	86.6
Georgia	678	64.8	64.8	7.6	6.9	16.4	1.3	2.9	64.7	64.8
Germany	569	68.9	68.9	4.8	9.3	13.6	1.9	1.6	73.1	64.8
Hong Kong SAR	575	85.9	85.9	2.5	6.0	4.7	0.2	0.7	88.2	83.8
Hungary	731	62.6	62.6	5.3	3.4	22.2	2.7	3.8	61.2	64.0
Iran, Islamic Rep. of	823	55.9	55.9	14.4	8.4	13.4	2.7	5.2	51.4	60.2
Ireland	647	70.0	70.0	5.6	8.6	13.9	0.9	1.0	73.1	66.9
Italy	605	52.7	52.7	9.3	13.1	19.2	2.7	3.0	52.3	53.1
Japan	627	90.5	90.5	0.2	4.2	2.8	0.4	1.9	92.8	88.2
Kazakhstan	630	41.9	41.9	2.0	3.4	49.0	0.9	2.8	41.0	42.8
Korea, Rep. of	625	88.3	88.3	1.0	6.7	4.0	0.0	0.0	88.1	88.6
Kuwait	586	55.2	55.2	13.8	8.2	12.7	5.3	4.8	58.6	51.0
Lithuania	664	46.7	46.7	4.5	14.6	30.9	2.0	1.3	48.1	45.3
Malta	522	58.4	58.4	14.2	9.2	15.1	1.3	1.7	57.5	59.2
Morocco	1093	44.4	44.4	17.5	12.7	13.9	6.7	4.8	44.6	44.3
Netherlands	454	58.6	58.6	8.2	18.7	13.0	0.8	0.7	57.4	60.5
New Zealand	788	68.4	68.4	5.3	6.8	14.0	2.4	3.2	67.9	69.0
Northern Ireland	516	73.2	73.2	8.3	5.1	10.7	1.1	1.6	73.7	72.6
Norway	450	41.1	41.1	5.8	14.2	32.1	1.2	5.5	34.5	48.2
Oman	1492	57.1	57.1	11.7	7.6	16.6	2.9	4.1	60.7	53.3
Poland	711	66.7	66.7	5.4	10.5	11.6	2.1	3.7	69.7	63.9
Portugal	572	75.8	75.8	5.0	5.5	10.3	0.9	2.5	74.8	76.8
Qatar	585	61.2	61.2	14.9	7.2	12.5	1.8	2.3	62.3	60.2
Romania	675	82.7	82.7	4.7	1.6	5.4	2.3	3.3	79.0	86.8
Russian Federation	626	78.6	78.6	3.9	6.0	8.9	1.0	1.6	79.8	77.4
Saudi Arabia	511	68.7	68.7	10.9	6.6	12.0	0.5	1.3	77.9	59.0
Serbia	622	67.5	67.5	2.8	4.4	19.4	2.7	3.0	69.8	65.2
Singapore	906	85.9	85.9	5.2	4.7	3.9	0.2	0.1	85.7	86.1
Slovak Republic	800	89.4	89.4	0.6	2.0	5.4	1.4	1.2	88.7	90.2
Slovenia	642	78.0	78.0	6.2	2.9	9.6	1.8	1.5	78.7	77.4
Spain	600	83.8	83.8	3.7	2.7	6.8	1.3	1.8	83.4	84.2
Sweden	682	64.8	64.8	2.9	10.3	17.8	1.5	2.5	62.9	66.7
Thailand	638	46.3	46.3	15.6	18.9	15.6	1.7	1.9	42.4	49.6
Tunisia	691	37.4	37.4	11.4	10.3	17.5	13.7	9.7	38.4	36.5
Turkey	1066	63.3	63.3	9.2	6.6	18.3	0.7	1.9	63.4	63.2
United Arab Emirates	2104	65.9	65.9	11.4	5.6	12.5	1.9	2.8	68.1	63.7
United States	1800	83.1	83.1	3.2	3.2	6.1	1.8	2.6	83.4	82.7
Yemen	1152	28.0	28.0	21.3	20.7	13.4	8.2	8.4	29.3	27.2
International Avg. (50)	37128	65.6	65.6	6.9	7.8	14.4	2.2	3.0	65.8	65.3
Botswana (6)	604	44.8	44.8	13.6	8.8	31.7	0.6	0.5	42.9	46.9
Honduras (6)	561	21.9	21.9	17.0	19.5	32.3	3.3	6.1	20.0	24.2
Yemen (6)	701	54.5	54.5	14.3	11.6	13.4	2.4	3.8	53.7	55.0
Alberta, Canada	514	77.9	77.9	3.6	5.6	9.7	1.3	1.9	78.5	77.3
Ontario, Canada	671	73.3	73.3	4.3	5.8	10.0	1.9	4.6	76.8	69.9
Quebec, Canada	599	63.0	63.0	6.8	11.1	15.0	2.1	2.0	61.0	65.2
Abu Dhabi, UAE	601	61.2	61.2	11.9	7.6	13.9	2.2	3.1	65.2	57.2
Dubai, UAE	872	75.2	75.2	7.1	3.2	9.8	2.0	2.8	75.5	74.8
Florida, US	379	87.0	87.0	3.6	1.1	5.9	0.3	2.1	89.4	84.2
North Carolina, US	248	76.7	76.7	5.6	4.8	6.0	3.8	3.1	77.2	76.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_11 (S051110): Earth Science / Applying
Label: What shellfish tell scientists - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	35.5	12.4	20.8	8.2	35.5	8.6	14.4	38.7	32.9
Australia	882	57.8	9.4	21.1	5.6	57.8	2.5	3.6	57.3	58.4
Austria	668	65.8	6.6	19.7	3.0	65.8	3.8	1.1	66.6	65.0
Azerbaijan	693	55.1	11.3	10.7	4.4	55.1	12.2	6.3	57.1	53.3
Bahrain	576	47.0	12.5	28.7	6.6	47.0	2.4	2.7	48.9	45.0
Belgium (Flemish)	704	45.1	13.8	31.0	7.5	45.1	1.2	1.4	43.9	46.2
Chile	790	56.0	13.5	14.0	6.7	56.0	3.3	6.6	54.2	57.7
Chinese Taipei	613	47.5	30.9	15.2	4.2	47.5	1.9	0.3	47.0	48.0
Croatia	646	81.0	5.3	10.2	0.7	81.0	1.8	1.0	81.4	80.5
Czech Republic	662	73.2	3.3	15.9	3.5	73.2	2.6	1.6	72.1	74.2
Denmark	563	62.0	6.9	15.6	4.9	62.0	4.4	6.2	64.1	59.8
England	482	63.9	11.0	14.6	5.3	63.9	2.1	3.0	65.8	62.3
Finland	667	73.5	7.5	13.3	3.5	73.5	0.8	1.4	74.3	72.7
Georgia	678	58.3	10.3	21.0	5.3	58.3	2.0	3.1	58.7	58.0
Germany	569	59.5	10.3	20.8	4.8	59.5	3.1	1.6	57.9	60.9
Hong Kong SAR	575	58.1	21.0	15.0	4.3	58.1	0.9	0.7	56.1	59.8
Hungary	731	72.9	5.5	11.6	3.7	72.9	2.5	3.8	75.6	70.2
Iran, Islamic Rep. of	823	55.7	8.4	15.4	9.8	55.7	5.0	5.7	55.3	56.1
Ireland	647	60.9	13.7	16.9	6.0	60.9	1.3	1.2	57.7	64.0
Italy	605	75.1	5.8	12.0	2.3	75.1	1.8	3.0	75.6	74.8
Japan	627	87.6	3.5	4.8	1.5	87.6	0.7	1.9	86.7	88.6
Kazakhstan	630	64.3	10.5	16.6	4.5	64.3	1.3	2.8	68.5	60.4
Korea, Rep. of	625	86.0	9.3	4.4	0.3	86.0	0.0	0.0	84.8	87.0
Kuwait	585	18.9	14.9	39.1	14.8	18.9	6.4	5.9	19.8	17.7
Lithuania	664	55.0	9.5	24.6	6.6	55.0	2.8	1.6	56.7	53.3
Malta	522	52.0	15.0	23.8	5.3	52.0	2.1	1.7	58.4	46.4
Morocco	1093	21.7	20.5	31.7	13.9	21.7	6.7	5.4	22.3	21.2
Netherlands	454	62.3	15.9	13.8	5.2	62.3	2.1	0.7	62.6	62.5
New Zealand	788	58.3	10.3	21.3	4.5	58.3	1.6	4.0	59.8	56.8
Northern Ireland	516	67.2	8.3	17.7	4.0	67.2	1.1	1.7	68.7	65.6
Norway	450	57.3	11.4	18.2	4.8	57.3	2.7	5.5	55.3	59.5
Oman	1491	37.0	17.0	25.0	12.5	37.0	4.1	4.4	41.5	32.2
Poland	711	56.0	8.0	23.3	5.5	56.0	3.2	4.1	51.6	60.0
Portugal	572	56.1	13.4	23.7	3.7	56.1	0.3	2.8	56.5	55.7
Qatar	585	39.2	18.4	26.0	10.4	39.2	3.6	2.4	40.2	38.4
Romania	675	54.7	16.0	15.4	6.2	54.7	3.6	4.3	55.6	53.7
Russian Federation	626	84.7	1.8	8.9	1.7	84.7	1.2	1.6	89.3	80.3
Saudi Arabia	510	41.8	23.1	24.0	8.3	41.8	1.7	1.3	46.1	37.2
Serbia	622	49.9	10.7	29.2	3.8	49.9	3.1	3.3	52.4	47.4
Singapore	906	63.2	14.7	18.2	2.8	63.2	0.9	0.3	63.9	62.5
Slovak Republic	800	65.3	7.4	21.3	3.4	65.3	1.2	1.5	62.6	67.9
Slovenia	641	57.4	8.2	26.3	3.9	57.4	1.8	2.3	59.1	56.0
Spain	600	66.0	8.7	17.8	4.6	66.0	1.1	1.8	65.7	66.2
Sweden	681	67.4	4.4	19.9	3.4	67.4	2.2	2.6	69.3	65.6
Thailand	638	46.3	11.9	25.7	12.3	46.3	1.8	1.9	48.3	44.6
Tunisia	687	21.3	13.0	26.4	12.4	21.3	14.9	11.9	20.8	21.8
Turkey	1066	49.3	19.7	14.3	13.0	49.3	1.7	2.0	51.6	46.9
United Arab Emirates	2104	39.2	16.3	30.3	8.4	39.2	2.9	3.0	40.8	37.5
United States	1800	67.1	9.2	17.4	3.2	67.1	0.5	2.6	67.5	66.8
Yemen	1151	22.2	15.6	24.4	19.3	22.2	9.7	8.8	23.0	21.6
International Avg. (50)	37118	56.4	11.7	19.5	6.1	56.4	3.0	3.3	57.2	55.6
Botswana (6)	604	40.5	26.1	22.4	9.8	40.5	0.5	0.6	42.1	38.8
Honduras (6)	561	40.0	15.0	28.3	5.3	40.0	4.5	6.9	37.8	42.7
Yemen (6)	701	36.8	19.8	16.7	18.8	36.8	4.0	3.9	36.7	36.8
Alberta, Canada	514	70.4	11.6	12.3	1.7	70.4	2.0	2.1	65.4	74.6
Ontario, Canada	671	60.3	9.7	19.4	3.1	60.3	2.1	5.4	63.2	57.3
Quebec, Canada	599	51.9	7.7	29.5	7.0	51.9	1.9	2.0	50.4	53.4
Abu Dhabi, UAE	601	32.5	15.5	35.0	11.1	32.5	2.2	3.7	37.6	27.4
Dubai, UAE	872	50.8	14.4	24.2	5.5	50.8	2.3	2.8	51.6	50.1
Florida, US	379	60.5	8.1	22.9	5.7	60.5	0.7	2.1	63.4	57.0
North Carolina, US	248	66.8	8.6	17.8	2.1	66.8	1.6	3.1	67.5	66.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S04_12 (S0511111): Earth Science / Applying
Label: Shadow of tree at different times - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	53.3	7.1	53.3	12.2	7.8	3.3	16.3	54.3	52.5
Australia	882	65.6	3.7	65.6	17.9	7.7	1.4	3.7	61.6	69.7
Austria	668	65.5	7.3	65.5	14.3	10.7	0.8	1.3	55.6	75.0
Azerbaijan	693	60.4	9.4	60.4	8.4	9.4	4.0	8.4	59.9	61.0
Bahrain	576	51.7	11.9	51.7	14.9	16.7	1.7	3.1	54.0	49.3
Belgium (Flemish)	704	59.4	6.6	59.4	19.1	13.1	0.1	1.6	54.9	63.7
Chile	790	51.7	7.9	51.7	24.0	7.7	0.7	8.0	43.7	59.2
Chinese Taipei	613	85.4	4.0	85.4	4.5	5.6	0.2	0.3	78.0	92.0
Croatia	646	70.9	5.1	70.9	11.1	10.7	0.8	1.3	66.3	75.7
Czech Republic	662	64.8	9.2	64.8	14.4	7.4	1.5	2.7	61.6	67.8
Denmark	563	66.6	4.8	66.6	12.8	6.7	2.2	7.0	59.0	74.4
England	482	66.6	5.7	66.6	14.1	7.7	2.2	3.8	66.0	67.0
Finland	667	74.4	3.4	74.4	15.0	4.7	0.8	1.7	67.2	81.4
Georgia	678	54.7	6.1	54.7	12.0	21.3	1.6	4.2	51.8	57.4
Germany	569	58.4	8.5	58.4	18.8	10.0	2.4	1.8	53.3	63.3
Hong Kong SAR	575	75.0	6.4	75.0	10.6	7.1	0.1	0.7	72.7	77.1
Hungary	731	68.1	6.4	68.1	11.2	8.9	1.0	4.4	63.0	73.2
Iran, Islamic Rep. of	823	44.3	17.0	44.3	13.0	17.3	1.5	7.0	40.1	48.2
Ireland	647	55.1	8.2	55.1	21.9	12.7	0.7	1.4	49.9	60.5
Italy	605	65.2	5.1	65.2	13.1	10.8	2.3	3.5	58.5	71.3
Japan	627	78.6	4.1	78.6	9.4	5.6	0.3	2.0	77.8	79.4
Kazakhstan	630	56.2	16.6	56.2	14.0	9.0	0.6	3.5	49.6	62.4
Korea, Rep. of	625	79.1	5.2	79.1	11.3	4.3	0.1	0.0	72.2	85.4
Kuwait	588	40.4	16.6	40.4	14.4	17.5	4.1	7.0	36.5	45.2
Lithuania	664	66.6	7.2	66.6	12.8	10.6	0.9	2.0	61.8	71.4
Malta	522	48.8	11.1	48.8	19.3	17.2	1.4	2.3	42.2	54.7
Morocco	1097	37.0	22.7	37.0	10.2	15.6	8.4	6.2	34.3	39.3
Netherlands	454	66.4	4.3	66.4	17.2	10.1	0.5	1.5	61.7	72.6
New Zealand	788	53.7	7.9	53.7	22.2	10.8	1.2	4.3	50.0	57.3
Northern Ireland	516	54.6	6.7	54.6	26.0	9.7	1.2	1.7	50.4	59.4
Norway	450	57.9	6.7	57.9	13.9	13.1	1.9	6.5	53.8	62.4
Oman	1491	46.6	16.8	46.6	11.3	17.9	2.5	5.0	42.8	50.5
Poland	711	53.4	9.0	53.4	18.3	12.7	2.1	4.6	47.7	58.6
Portugal	572	69.0	5.7	69.0	13.5	8.0	1.0	2.8	60.7	77.2
Qatar	585	56.6	10.0	56.6	16.9	11.9	1.2	3.4	60.1	53.4
Romania	675	58.4	7.8	58.4	15.2	12.3	1.3	5.0	52.1	65.2
Russian Federation	626	64.0	9.1	64.0	17.6	6.5	0.4	2.5	60.5	67.3
Saudi Arabia	512	44.8	13.4	44.8	17.5	21.7	0.8	1.8	42.4	47.4
Serbia	622	65.2	8.5	65.2	13.6	7.5	1.4	3.7	64.1	66.3
Singapore	906	78.3	4.6	78.3	10.2	6.3	0.2	0.4	74.7	81.7
Slovak Republic	800	62.3	5.5	62.3	21.5	8.8	0.4	1.5	59.8	64.8
Slovenia	643	59.8	11.0	59.8	15.3	9.3	1.2	3.4	59.9	59.7
Spain	600	52.2	9.2	52.2	24.9	10.5	1.4	1.9	48.4	55.8
Sweden	681	62.7	10.3	62.7	13.3	10.1	0.3	3.3	54.8	70.3
Thailand	638	58.9	12.1	58.9	15.0	10.8	0.7	2.6	55.8	61.5
Tunisia	692	32.0	9.5	32.0	15.3	20.3	9.3	13.5	33.1	31.0
Turkey	1066	52.9	14.6	52.9	15.5	13.9	0.8	2.3	48.8	57.0
United Arab Emirates	2104	48.1	14.1	48.1	15.4	17.0	1.6	3.8	44.5	51.7
United States	1800	60.7	6.7	60.7	20.6	8.9	0.4	2.8	52.7	68.5
Yemen	1151	35.2	10.4	35.2	17.3	15.6	10.6	10.9	35.0	35.3
International Avg. (50)	37134	59.2	8.8	59.2	15.2	11.2	1.7	3.9	55.2	63.0
Botswana (6)	604	59.2	13.8	59.2	9.0	16.7	0.4	1.0	55.0	63.9
Honduras (6)	561	53.9	13.6	53.9	8.4	15.5	0.9	7.7	49.2	59.5
Yemen (6)	701	46.8	12.9	46.8	13.8	18.5	3.2	4.7	37.2	53.7
Alberta, Canada	514	65.1	4.5	65.1	17.3	8.8	1.4	2.9	56.8	72.2
Ontario, Canada	671	56.1	5.9	56.1	20.9	9.1	1.8	6.2	56.5	55.7
Quebec, Canada	599	56.6	7.7	56.6	21.9	10.0	1.4	2.4	44.3	69.6
Abu Dhabi, UAE	601	46.2	16.6	46.2	15.9	16.0	1.3	4.1	41.7	50.7
Dubai, UAE	872	51.5	11.6	51.5	16.6	15.2	2.1	3.1	46.4	56.1
Florida, US	379	55.9	4.7	55.9	25.2	11.3	0.0	2.8	52.0	60.5
North Carolina, US	248	62.9	4.3	62.9	18.1	10.6	1.1	3.1	58.3	68.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_01 (S031340): Life Science / Knowing
Label: Best source of calcium - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	35.5	9.9	15.6	35.5	31.5	6.8	0.8	37.5	33.7
Australia	866	53.0	1.7	11.5	53.0	31.3	2.4	0.0	50.1	56.1
Austria	664	26.9	10.2	22.4	26.9	38.2	2.3	0.0	27.1	26.7
Azerbaijan	694	51.6	11.5	7.5	51.6	23.3	6.1	0.0	54.3	49.0
Bahrain	578	36.6	6.4	17.5	36.6	38.4	1.0	0.0	41.8	31.3
Belgium (Flemish)	701	46.1	4.7	23.5	46.1	25.3	0.3	0.0	48.0	43.9
Chile	799	58.4	2.9	16.3	58.4	20.9	0.5	1.0	60.4	56.2
Chinese Taipei	610	53.5	1.9	32.1	53.5	12.2	0.4	0.0	49.6	56.9
Croatia	641	29.1	1.6	28.2	29.1	38.2	2.8	0.2	30.0	28.1
Czech Republic	662	60.0	2.5	13.5	60.0	23.3	0.7	0.0	58.6	61.3
Denmark	565	62.1	2.1	11.4	62.1	22.7	1.8	0.0	62.5	61.6
England	493	55.3	1.1	18.8	55.3	22.1	2.4	0.3	54.9	55.6
Finland	660	83.2	0.7	5.9	83.2	9.0	1.0	0.2	80.2	86.2
Georgia	674	35.1	11.8	18.3	35.1	33.1	1.7	0.1	36.7	33.8
Germany	571	25.4	11.0	22.6	25.4	38.2	2.7	0.0	22.9	27.9
Hong Kong SAR	568	55.5	1.3	28.3	55.5	14.5	0.4	0.0	55.3	55.6
Hungary	736	44.3	2.4	10.2	44.3	40.1	3.0	0.0	47.5	41.3
Iran, Islamic Rep. of	819	26.9	6.2	10.2	26.9	53.5	2.5	0.6	25.8	28.0
Ireland	635	69.7	1.0	10.9	69.7	17.8	0.4	0.1	66.6	72.6
Italy	612	61.9	1.6	5.7	61.9	29.9	0.9	0.0	61.3	62.6
Japan	627	70.4	1.7	12.5	70.4	14.5	0.7	0.1	67.3	73.5
Kazakhstan	626	30.1	12.2	11.5	30.1	44.2	1.9	0.0	27.1	32.7
Korea, Rep. of	625	52.8	0.1	31.8	52.8	15.1	0.2	0.0	50.1	55.1
Kuwait	587	33.6	7.4	22.8	33.6	31.2	4.2	0.8	32.7	34.6
Lithuania	667	42.3	6.5	20.8	42.3	29.1	1.2	0.0	39.6	44.7
Malta	509	39.3	2.4	26.4	39.3	29.2	2.7	0.0	33.2	45.2
Morocco	1094	29.0	9.5	16.0	29.0	33.0	10.8	1.7	29.4	28.6
Netherlands	444	44.6	4.8	15.1	44.6	34.6	0.4	0.4	41.5	48.0
New Zealand	783	50.6	5.8	17.2	50.6	24.5	1.5	0.3	51.4	49.8
Northern Ireland	512	64.1	2.0	14.7	64.1	17.9	1.4	0.0	64.9	63.1
Norway	433	28.7	3.1	24.1	28.7	42.2	1.7	0.1	27.5	30.0
Oman	1494	36.0	7.7	23.0	36.0	29.6	3.0	0.5	39.5	32.8
Poland	715	44.1	2.1	24.7	44.1	24.7	4.1	0.2	42.9	45.3
Portugal	569	64.9	0.5	15.0	64.9	18.2	1.4	0.0	65.0	64.8
Qatar	584	34.7	8.8	20.4	34.7	33.2	2.6	0.3	33.5	35.8
Romania	671	62.8	3.7	13.7	62.8	15.6	3.4	0.8	64.1	61.5
Russian Federation	629	33.7	4.8	15.1	33.7	46.0	0.5	0.0	34.3	33.0
Saudi Arabia	679	40.8	4.7	13.3	40.8	39.5	1.5	0.3	41.9	39.5
Serbia	621	37.3	9.2	20.6	37.3	30.9	1.7	0.3	37.9	36.7
Singapore	913	76.9	1.1	15.3	76.9	6.7	0.1	0.0	76.2	77.5
Slovak Republic	789	58.2	3.3	11.5	58.2	26.0	0.9	0.1	56.9	59.3
Slovenia	651	23.2	12.5	18.2	23.2	42.5	3.3	0.3	20.9	25.6
Spain	595	64.6	2.0	15.2	64.6	15.7	2.4	0.0	64.8	64.3
Sweden	692	34.5	5.7	10.7	34.5	46.2	2.4	0.5	28.8	40.0
Thailand	643	71.1	2.9	14.7	71.1	10.0	1.1	0.2	71.2	71.1
Tunisia	703	34.0	5.2	12.1	34.0	26.8	18.8	3.1	33.9	34.2
Turkey	1074	64.6	3.5	3.6	64.6	27.3	1.0	0.0	68.0	61.6
United Arab Emirates	2110	30.8	6.1	23.7	30.8	37.0	2.3	0.1	31.6	30.0
United States	1785	46.6	2.1	18.1	46.6	32.5	0.6	0.1	46.5	46.8
Yemen	1148	28.2	12.0	20.1	28.2	28.6	9.9	1.2	31.6	25.9
International Avg. (50)	37242	46.8	4.9	17.0	46.8	28.3	2.6	0.3	46.5	47.2
Botswana (6)	602	32.3	12.9	13.2	32.3	40.8	0.7	0.0	36.2	28.0
Honduras (6)	567	31.7	7.6	32.2	31.7	26.6	1.6	0.5	34.2	29.0
Yemen (6)	713	33.1	9.3	14.5	33.1	39.9	2.7	0.4	32.1	33.9
Alberta, Canada	511	60.4	0.7	12.3	60.4	24.6	1.6	0.5	60.9	59.9
Ontario, Canada	644	68.6	1.4	11.8	68.6	16.6	0.9	0.8	68.8	68.3
Quebec, Canada	609	66.1	1.6	5.9	66.1	25.7	0.7	0.0	65.8	66.4
Abu Dhabi, UAE	604	30.7	7.1	19.3	30.7	39.8	2.9	0.2	29.7	31.7
Dubai, UAE	873	38.6	4.0	25.6	38.6	29.8	1.8	0.1	40.7	36.7
Florida, US	383	42.9	2.3	21.8	42.9	31.7	1.0	0.3	41.5	44.7
North Carolina, US	253	51.8	0.9	22.4	51.8	23.4	1.6	0.0	54.1	49.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_02 (S031236): Life Science / Knowing
Label: Bird's foot structure - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	73.4	6.7	4.7	12.9	73.4	1.5	0.8	75.9	71.3
Australia	866	85.0	1.3	3.5	9.1	85.0	1.0	0.0	85.9	84.1
Austria	664	85.5	1.0	2.5	9.8	85.5	1.1	0.0	89.0	82.1
Azerbaijan	694	71.8	4.9	8.0	10.9	71.8	4.4	0.0	70.7	72.9
Bahrain	578	42.8	7.3	11.2	38.3	42.8	0.5	0.0	45.1	40.4
Belgium (Flemish)	701	85.8	0.4	2.9	10.8	85.8	0.1	0.0	86.5	85.1
Chile	799	76.3	3.5	4.8	13.3	76.3	1.0	1.1	76.5	76.1
Chinese Taipei	610	79.7	1.1	4.3	14.7	79.7	0.2	0.0	82.5	77.3
Croatia	641	75.2	2.5	3.3	18.3	75.2	0.4	0.2	77.0	73.4
Czech Republic	662	89.2	2.0	5.2	3.0	89.2	0.6	0.0	89.4	89.0
Denmark	565	87.5	1.1	2.7	6.7	87.5	1.9	0.0	89.3	85.7
England	493	82.7	1.6	3.5	10.1	82.7	1.7	0.3	87.0	78.7
Finland	660	81.4	1.5	3.2	12.9	81.4	0.8	0.2	83.5	79.2
Georgia	674	56.9	2.6	5.2	33.7	56.9	1.4	0.1	54.6	58.7
Germany	571	87.4	1.5	0.6	9.8	87.4	0.5	0.0	90.5	84.4
Hong Kong SAR	568	49.7	5.3	8.6	36.1	49.7	0.3	0.0	52.5	47.3
Hungary	737	89.5	1.1	2.4	6.2	89.5	0.8	0.0	90.9	88.2
Iran, Islamic Rep. of	819	68.7	8.8	8.3	11.2	68.7	2.4	0.6	69.1	68.4
Ireland	635	80.5	2.4	4.5	11.9	80.5	0.5	0.1	81.1	79.8
Italy	612	81.1	2.9	1.4	13.9	81.1	0.7	0.0	82.4	79.7
Japan	627	70.7	1.9	5.7	21.2	70.7	0.3	0.1	71.9	69.6
Kazakhstan	626	48.4	6.7	19.6	23.9	48.4	1.4	0.0	44.7	51.5
Korea, Rep. of	625	81.5	1.8	3.7	13.0	81.5	0.0	0.0	81.7	81.3
Kuwait	587	41.0	12.9	19.9	19.6	41.0	5.8	0.8	42.4	39.3
Lithuania	667	85.7	2.5	3.0	8.1	85.7	0.6	0.1	86.2	85.3
Malta	509	58.6	4.7	10.2	25.9	58.6	0.6	0.0	56.3	60.8
Morocco	1097	33.5	11.8	22.1	20.3	33.5	10.6	1.7	29.0	37.6
Netherlands	444	92.4	1.5	1.4	4.2	92.4	0.0	0.4	91.7	93.3
New Zealand	783	84.2	1.2	4.1	10.0	84.2	0.3	0.3	85.9	82.4
Northern Ireland	512	86.3	3.1	3.2	6.1	86.3	1.3	0.0	89.3	83.1
Norway	433	88.5	0.8	2.0	8.1	88.5	0.4	0.1	88.3	88.8
Oman	1494	53.9	8.2	9.0	24.7	53.9	3.3	0.8	55.5	52.5
Poland	715	86.2	2.3	1.6	8.8	86.2	0.7	0.3	90.3	82.3
Portugal	569	79.3	3.0	4.7	11.9	79.3	1.1	0.0	81.6	77.0
Qatar	584	46.2	6.6	12.9	33.0	46.2	1.0	0.4	50.9	41.8
Romania	671	82.0	2.3	2.5	10.7	82.0	1.2	1.3	81.7	82.4
Russian Federation	629	86.4	1.5	2.5	9.2	86.4	0.4	0.0	88.1	84.8
Saudi Arabia	679	55.9	11.6	10.4	21.0	55.9	0.6	0.5	55.6	56.2
Serbia	621	69.3	2.8	5.3	21.5	69.3	0.7	0.4	73.6	64.9
Singapore	913	75.2	3.0	6.1	15.7	75.2	0.0	0.0	78.1	72.4
Slovak Republic	789	90.7	1.7	1.3	5.7	90.7	0.4	0.2	89.8	91.5
Slovenia	654	82.4	0.8	2.7	13.2	82.4	0.5	0.4	83.9	80.9
Spain	595	66.1	3.0	8.6	20.7	66.1	1.6	0.0	63.7	68.7
Sweden	692	83.2	2.4	4.6	7.9	83.2	1.3	0.5	80.3	86.1
Thailand	643	54.5	3.1	16.3	24.9	54.5	1.0	0.2	49.8	58.6
Tunisia	703	68.5	3.3	4.6	7.7	68.5	12.8	3.1	74.7	62.9
Turkey	1074	43.9	7.4	10.6	37.5	43.9	0.6	0.0	43.5	44.2
United Arab Emirates	2110	55.4	7.6	11.9	23.0	55.4	2.0	0.2	59.2	51.7
United States	1785	83.9	1.4	3.9	10.1	83.9	0.6	0.2	83.6	84.1
Yemen	1148	16.1	12.3	22.4	34.3	16.1	13.7	1.2	16.5	15.8
International Avg. (50)	37249	71.6	3.9	6.6	15.9	71.6	1.7	0.3	72.5	70.7
Botswana (6)	602	40.4	14.9	17.6	26.0	40.4	1.1	0.0	40.6	40.3
Honduras (6)	567	75.4	4.7	7.8	11.0	75.4	0.7	0.5	77.0	73.8
Yemen (6)	713	23.2	11.1	17.3	41.8	23.2	6.2	0.4	24.4	22.4
Alberta, Canada	511	85.2	1.2	4.0	8.3	85.2	0.9	0.5	82.7	87.3
Ontario, Canada	644	82.2	2.8	5.2	8.2	82.2	0.6	0.8	85.7	78.9
Quebec, Canada	609	68.7	2.6	6.4	21.1	68.7	1.2	0.0	71.7	65.8
Abu Dhabi, UAE	604	53.1	7.8	13.0	24.2	53.1	1.6	0.2	57.4	48.8
Dubai, UAE	873	65.4	5.9	8.2	18.5	65.4	1.8	0.2	66.4	64.5
Florida, US	383	77.9	4.4	6.8	10.3	77.9	0.3	0.3	81.7	73.2
North Carolina, US	253	83.9	3.9	3.1	6.8	83.9	2.4	0.0	86.1	81.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_03A (S031391A): Earth Science / Knowing
Label: Ways to avoid wasting water - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	12.4	1.1	1.0	5.0	9.2	29.3	41.0	0.9	19.6	22.7	16.9
Australia	866	25.6	6.7	32.0	4.6	7.0	19.5	4.7	0.0	68.8	73.9	63.4
Austria	664	23.1	4.6	21.3	3.7	12.0	18.8	16.6	0.0	52.6	57.8	47.5
Azerbaijan	694	1.5	7.5	3.9	11.6	9.9	20.6	44.9	0.0	24.5	25.8	23.2
Bahrain	578	15.2	5.7	20.1	5.8	5.1	33.8	14.3	0.0	46.8	51.3	42.3
Belgium (Flemish)	701	21.5	9.4	24.0	0.1	13.6	27.6	3.8	0.0	55.0	56.3	53.5
Chile	799	45.1	11.3	7.0	0.1	10.6	14.7	10.1	1.2	63.4	63.6	63.3
Chinese Taipei	610	19.6	35.3	34.9	1.3	5.5	2.5	0.9	0.0	91.1	93.2	89.2
Croatia	641	5.2	3.1	41.0	7.6	21.5	11.6	9.8	0.2	56.9	58.3	55.5
Czech Republic	662	13.8	8.7	19.1	0.5	17.3	21.4	19.2	0.0	42.1	41.2	43.1
Denmark	565	20.4	8.7	17.6	2.5	9.5	29.9	11.3	0.0	49.4	60.0	38.4
England	493	36.6	4.3	15.3	1.8	10.2	25.8	5.6	0.3	58.0	63.2	53.1
Finland	660	27.7	2.3	22.3	1.3	19.9	19.4	6.7	0.2	53.7	59.5	47.8
Georgia	674	0.7	8.2	2.2	5.7	5.5	33.9	43.7	0.1	16.8	18.5	15.4
Germany	571	21.0	1.6	25.1	0.0	14.7	18.7	19.0	0.0	47.7	52.1	43.3
Hong Kong SAR	568	8.1	21.8	28.6	0.7	11.9	24.3	4.5	0.0	59.3	64.8	54.6
Hungary	737	34.1	3.7	26.2	0.0	14.2	17.1	4.7	0.0	64.0	70.5	57.9
Iran, Islamic Rep. of	819	26.6	2.6	17.6	3.7	18.9	14.6	15.1	1.0	50.5	55.4	45.9
Ireland	635	49.3	4.3	15.8	0.0	10.0	16.6	4.0	0.1	69.4	70.3	68.5
Italy	612	34.4	5.7	26.3	0.6	14.0	13.1	6.0	0.0	66.9	73.9	59.8
Japan	627	57.2	7.4	4.0	0.0	21.8	7.6	1.8	0.1	68.6	74.4	62.9
Kazakhstan	626	12.0	3.5	11.6	15.5	9.5	31.1	16.7	0.0	42.6	47.4	38.6
Korea, Rep. of	625	5.7	5.5	66.6	1.3	17.2	3.6	0.2	0.0	79.1	84.1	74.7
Kuwait	592	7.3	1.1	4.3	9.2	6.9	37.8	32.6	0.8	21.9	27.8	15.0
Lithuania	667	12.1	3.5	11.6	3.6	25.6	31.8	11.5	0.1	30.9	31.7	30.2
Malta	509	24.3	5.8	10.8	1.4	4.7	35.9	17.3	0.0	42.2	48.5	36.1
Morocco	1111	1.4	0.7	4.1	1.2	0.3	34.0	56.0	2.3	7.4	7.9	7.0
Netherlands	444	20.0	3.7	26.0	3.0	11.8	34.6	0.4	0.4	52.7	53.9	51.4
New Zealand	783	19.1	7.0	13.3	0.0	13.6	42.2	4.5	0.3	39.4	43.3	35.5
Northern Ireland	512	38.6	2.3	15.7	1.5	11.1	27.6	3.2	0.0	58.1	61.7	54.1
Norway	433	20.3	4.1	19.9	0.2	31.7	15.9	7.9	0.1	44.5	47.5	41.4
Oman	1494	6.0	5.0	17.7	2.9	0.6	43.1	23.9	0.9	31.5	37.8	25.7
Poland	715	19.9	6.2	24.8	0.5	16.6	20.0	11.6	0.3	51.4	55.5	47.4
Portugal	569	58.7	8.5	13.9	0.5	6.2	10.4	1.7	0.0	81.7	83.7	79.4
Qatar	584	13.4	4.4	7.5	0.9	5.9	52.4	15.1	0.4	26.2	28.8	24.0
Romania	673	13.7	12.0	12.3	2.3	13.5	28.9	16.1	1.2	40.3	43.0	37.9
Russian Federation	629	14.0	10.7	11.1	0.7	20.4	34.0	9.1	0.0	36.5	43.1	30.6
Saudi Arabia	678	10.5	4.0	18.7	3.8	4.8	40.0	17.8	0.5	36.9	47.7	24.9
Serbia	621	26.1	3.7	16.6	4.0	16.0	18.1	14.6	0.7	50.5	63.3	37.1
Singapore	913	41.0	15.2	22.0	0.0	2.1	17.2	2.4	0.0	78.2	82.0	74.4
Slovak Republic	789	20.1	1.6	21.0	9.0	9.7	27.8	10.5	0.2	51.7	56.0	48.2
Slovenia	654	19.0	3.2	13.7	1.1	12.3	32.4	17.9	0.4	37.0	42.1	32.0
Spain	595	52.9	2.1	10.8	2.7	5.2	17.4	8.9	0.0	68.5	72.6	64.2
Sweden	692	23.0	4.9	23.4	0.0	15.6	22.1	10.1	0.7	51.4	54.9	47.8
Thailand	643	6.9	10.4	8.9	4.9	7.9	47.8	12.7	0.5	31.1	36.4	26.6
Tunisia	703	13.5	3.4	8.1	1.3	0.6	42.9	26.4	3.9	26.2	30.0	22.8
Turkey	1074	17.8	20.0	5.3	1.7	16.2	29.9	9.1	0.0	44.8	49.0	41.0
United Arab Emirates	2110	17.4	4.5	9.6	1.0	5.2	44.3	17.8	0.2	32.5	36.2	28.9
United States	1785	18.6	10.8	33.2	0.0	9.5	26.2	1.5	0.2	62.6	65.1	60.1
Yemen	1148	1.9	0.0	0.7	0.3	0.4	42.4	53.1	1.3	2.9	3.9	2.2
International Avg. (50)	37269	21.1	6.6	17.4	2.6	11.3	26.3	14.4	0.4	47.7	51.8	43.7
Botswana (6)	602	10.5	12.0	8.8	11.3	2.9	51.2	3.2	0.0	42.6	48.1	36.5
Honduras (6)	567	36.8	2.4	10.7	1.7	21.0	19.9	6.9	0.5	51.7	55.2	48.1
Yemen (6)	712	17.6	2.3	3.6	0.2	0.7	43.7	31.6	0.4	23.6	26.5	21.6
Alberta, Canada	511	36.6	5.5	25.3	0.2	10.3	18.9	2.6	0.7	67.5	66.2	68.6
Ontario, Canada	644	31.8	4.1	18.4	1.2	10.7	29.4	3.5	0.8	55.6	59.0	52.4
Quebec, Canada	609	44.4	2.6	22.8	0.6	6.8	19.1	3.7	0.0	70.4	72.1	68.8
Abu Dhabi, UAE	604	13.1	3.8	10.0	0.5	6.0	48.7	17.7	0.2	27.3	35.3	19.3
Dubai, UAE	873	27.9	5.6	13.0	0.8	5.0	34.1	13.4	0.3	47.3	46.9	47.6
Florida, US	383	18.3	8.6	38.5	0.0	7.5	23.9	3.0	0.3	65.3	66.9	63.4
North Carolina, US	253	18.0	11.6	34.8	0.0	7.5	24.7	3.4	0.0	64.4	64.6	64.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S05_03B (S031391B): Earth Science / Knowing
Label: Ways to avoid wasting water - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	2.7	1.9	3.0	4.2	9.4	27.1	50.8	0.9	11.8	12.1	11.6
Australia	866	16.0	4.8	25.0	2.4	12.5	32.0	7.3	0.0	48.1	51.0	45.0
Austria	664	12.4	4.3	19.8	1.9	10.7	22.9	28.1	0.0	38.4	43.3	33.4
Azerbaijan	694	2.3	3.8	3.5	3.0	4.6	25.1	57.7	0.0	12.6	13.1	12.2
Bahrain	578	6.4	3.6	21.5	8.1	4.3	40.6	15.5	0.0	39.6	45.2	34.0
Belgium (Flemish)	701	11.8	7.2	28.3	0.4	11.5	33.9	6.9	0.0	47.7	50.5	44.6
Chile	799	7.4	10.6	16.3	0.0	15.9	35.4	13.2	1.2	34.2	35.2	33.3
Chinese Taipei	610	10.3	17.9	24.7	2.9	6.6	34.8	2.8	0.0	55.9	54.3	57.3
Croatia	641	4.1	3.7	19.7	10.9	15.8	29.5	16.1	0.2	38.4	41.3	35.5
Czech Republic	662	5.9	6.6	16.3	0.1	14.1	24.9	32.2	0.0	28.9	28.5	29.2
Denmark	565	10.7	5.8	19.7	1.0	11.5	33.9	17.3	0.0	37.2	45.2	29.0
England	493	8.4	2.9	29.0	0.9	16.2	33.3	9.1	0.3	41.1	45.3	37.3
Finland	660	11.6	4.1	21.8	1.0	18.2	28.0	15.1	0.2	38.5	41.8	35.2
Georgia	674	0.5	2.9	0.3	3.1	4.8	31.3	57.0	0.1	6.8	6.2	7.3
Germany	571	11.0	1.3	26.5	0.0	10.2	24.7	26.2	0.0	38.9	42.9	34.8
Hong Kong SAR	568	8.2	15.4	23.8	0.2	9.6	35.2	7.6	0.0	47.6	51.4	44.4
Hungary	737	11.1	3.7	36.1	0.1	15.1	24.7	9.3	0.0	51.0	54.7	47.5
Iran, Islamic Rep. of	819	17.6	2.4	20.5	4.1	13.2	21.0	20.4	1.0	44.5	47.2	41.9
Ireland	635	13.1	5.1	29.2	0.0	17.2	29.6	5.7	0.1	47.4	51.4	43.7
Italy	612	9.1	7.0	23.5	0.3	19.4	28.9	11.8	0.0	40.0	43.0	36.8
Japan	627	14.5	12.0	10.6	0.9	33.9	23.6	4.4	0.1	38.0	39.0	36.9
Kazakhstan	626	5.9	7.1	9.6	13.1	9.0	30.1	25.1	0.0	35.7	35.4	36.0
Korea, Rep. of	625	8.3	12.4	57.4	4.3	12.9	4.2	0.5	0.0	82.4	83.9	81.1
Kuwait	592	8.5	1.4	8.0	2.6	5.4	36.4	36.8	0.8	20.6	24.2	16.3
Lithuania	667	4.0	2.6	11.2	2.8	19.5	39.3	20.5	0.1	20.6	22.1	19.3
Malta	509	9.6	4.3	16.2	2.0	7.9	35.5	24.5	0.0	32.1	34.7	29.5
Morocco	1110	0.5	1.5	2.2	0.8	0.4	30.3	62.0	2.3	5.0	6.2	3.9
Netherlands	444	16.1	2.2	23.2	4.4	13.0	37.3	3.3	0.4	45.9	47.2	44.5
New Zealand	783	7.8	5.9	21.9	0.0	9.6	44.6	9.9	0.3	35.6	38.4	32.7
Northern Ireland	512	7.8	2.6	24.5	2.3	17.2	38.0	7.5	0.0	37.2	41.9	32.1
Norway	433	8.2	3.0	22.5	0.0	33.5	20.1	12.6	0.1	33.7	34.2	33.2
Oman	1494	3.6	2.7	10.3	2.4	0.8	51.5	27.9	0.9	19.0	22.0	16.2
Poland	715	15.2	6.1	21.4	0.7	9.7	28.2	18.3	0.3	43.4	50.2	36.8
Portugal	569	20.5	7.5	26.1	0.7	12.1	27.9	5.3	0.0	54.7	58.5	50.7
Qatar	584	6.1	3.7	10.0	1.5	5.6	54.7	17.9	0.4	21.3	22.5	20.3
Romania	673	5.2	9.9	7.9	2.7	11.7	36.8	24.5	1.2	25.7	31.5	20.4
Russian Federation	629	7.5	8.1	12.4	0.1	11.9	41.4	18.6	0.0	28.1	27.4	28.8
Saudi Arabia	677	5.9	3.9	20.3	1.9	3.1	40.8	23.6	0.5	32.1	40.9	22.2
Serbia	621	7.4	3.7	11.8	2.7	16.1	32.4	25.3	0.7	25.6	28.5	22.5
Singapore	913	13.9	14.0	29.8	0.0	4.0	34.8	3.4	0.0	57.8	61.2	54.5
Slovak Republic	789	8.8	2.4	17.7	7.5	7.0	36.9	19.6	0.2	36.4	40.5	32.9
Slovenia	654	4.9	4.3	14.7	2.0	11.9	35.3	26.4	0.4	25.9	30.8	21.1
Spain	595	14.8	1.8	23.5	6.1	4.4	36.9	12.4	0.0	46.3	47.0	45.6
Sweden	692	9.8	5.8	23.5	0.0	15.7	28.7	15.7	0.7	39.0	44.0	34.2
Thailand	643	4.4	8.9	7.4	4.7	6.3	52.8	15.1	0.5	25.3	29.6	21.7
Tunisia	703	5.7	1.1	9.8	1.8	0.6	41.9	35.3	3.9	18.4	19.3	17.5
Turkey	1074	10.3	13.7	6.9	3.2	14.9	35.3	15.6	0.0	34.1	37.3	31.3
United Arab Emirates	2110	6.9	4.2	11.8	0.8	4.6	48.2	23.3	0.2	23.7	26.7	20.7
United States	1785	9.4	10.8	31.4	0.0	8.4	37.5	2.3	0.2	51.6	51.5	51.8
Yemen	1148	1.6	0.0	0.1	0.2	0.3	39.2	57.4	1.3	1.8	2.6	1.3
International Avg. (50)	37267	8.7	5.7	18.3	2.3	11.0	33.6	20.1	0.4	34.9	37.7	32.2
Botswana (6)	602	5.4	7.0	12.1	6.1	2.8	61.8	4.7	0.0	30.7	34.9	26.0
Honduras (6)	567	10.9	8.0	10.8	0.6	22.6	35.6	11.1	0.5	30.3	33.3	27.2
Yemen (6)	713	6.5	4.4	3.9	0.3	1.3	46.0	37.2	0.4	15.2	18.1	13.1
Alberta, Canada	511	12.9	6.0	31.6	1.6	14.6	28.8	3.9	0.7	52.1	55.4	49.3
Ontario, Canada	644	11.4	5.4	23.6	1.6	13.1	38.3	5.8	0.8	42.0	45.8	38.4
Quebec, Canada	609	11.5	2.9	36.1	0.3	10.3	30.5	8.4	0.0	50.8	54.5	47.3
Abu Dhabi, UAE	604	5.4	5.4	8.8	0.7	3.1	51.9	24.4	0.2	20.4	24.6	16.2
Dubai, UAE	873	10.2	4.4	20.4	0.2	5.5	41.5	17.5	0.3	35.2	38.5	32.3
Florida, US	383	11.1	9.1	34.1	0.0	7.1	34.8	3.5	0.3	54.3	55.2	53.1
North Carolina, US	253	13.7	10.5	26.5	0.0	8.1	37.4	3.8	0.0	50.7	54.5	46.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S05_03Z (S031391Z): Earth Science / Knowing

Label: Ways to avoid wasting water-DERIVED - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	8.5	14.3	36.2	40.0	0.9	22.8	8.5	9.7	7.5
Australia	866	41.8	33.3	20.4	4.5	0.0	75.1	41.8	45.5	37.9
Austria	664	30.1	30.9	22.6	16.5	0.0	60.9	30.1	35.7	24.4
Azerbaijan	694	6.4	24.3	24.5	44.8	0.0	30.7	6.4	6.9	6.0
Bahrain	578	34.3	17.8	34.8	13.0	0.0	52.1	34.3	38.4	30.2
Belgium (Flemish)	701	35.9	30.8	29.5	3.8	0.0	66.7	35.9	38.2	33.4
Chile	799	27.1	43.4	18.4	9.8	1.2	70.5	27.1	28.5	25.7
Chinese Taipei	610	51.3	44.3	3.5	0.9	0.0	95.6	51.3	51.2	51.4
Croatia	641	24.9	45.5	19.6	9.8	0.2	70.4	24.9	26.0	23.8
Czech Republic	662	21.1	28.9	31.2	18.9	0.0	49.9	21.1	20.4	21.7
Denmark	565	29.2	28.1	31.4	11.3	0.0	57.3	29.2	38.4	19.8
England	493	30.9	37.4	26.0	5.4	0.3	68.3	30.9	34.4	27.5
Finland	660	28.7	34.7	29.6	6.7	0.2	63.4	28.7	32.9	24.5
Georgia	674	2.4	18.7	35.2	43.5	0.1	21.2	2.4	2.4	2.5
Germany	571	31.5	23.5	26.0	19.0	0.0	55.0	31.5	36.2	26.9
Hong Kong SAR	568	32.6	41.8	21.2	4.5	0.0	74.3	32.6	36.5	29.2
Hungary	737	40.8	33.3	21.3	4.6	0.0	74.1	40.8	45.4	36.5
Iran, Islamic Rep. of	819	33.5	28.0	22.5	15.1	1.0	61.5	33.5	39.0	28.3
Ireland	635	41.0	34.7	20.2	4.0	0.1	75.8	41.0	43.1	39.1
Italy	612	33.0	41.0	20.2	5.9	0.0	73.9	33.0	38.5	27.2
Japan	627	28.1	50.5	19.5	1.8	0.1	78.5	28.1	29.9	26.3
Kazakhstan	626	27.6	23.1	32.6	16.7	0.0	50.7	27.6	30.1	25.6
Korea, Rep. of	625	70.5	20.5	8.9	0.2	0.0	91.0	70.5	74.9	66.6
Kuwait	592	12.3	17.9	37.3	31.7	0.8	30.2	12.3	15.1	9.0
Lithuania	667	11.8	28.0	48.8	11.3	0.1	39.7	11.8	12.5	11.1
Malta	509	24.4	25.4	33.1	17.1	0.0	49.8	24.4	27.6	21.4
Morocco	1110	4.1	4.3	34.3	55.1	2.3	8.4	4.1	4.9	3.3
Netherlands	444	35.0	28.7	35.5	0.4	0.4	63.6	35.0	37.0	32.8
New Zealand	783	23.1	28.9	43.2	4.5	0.3	52.0	23.1	27.1	18.9
Northern Ireland	512	31.2	32.8	32.7	3.2	0.0	64.1	31.2	35.7	26.4
Norway	433	23.7	30.7	37.6	7.9	0.1	54.5	23.7	23.6	23.9
Oman	1494	13.7	23.1	38.7	23.6	0.9	36.8	13.7	16.1	11.5
Poland	715	33.0	28.8	26.2	11.6	0.3	61.8	33.0	39.0	27.2
Portugal	569	49.7	36.9	11.7	1.7	0.0	86.6	49.7	53.0	46.2
Qatar	584	15.0	17.6	52.0	15.1	0.4	32.6	15.0	18.0	12.3
Romania	673	17.9	30.3	34.8	15.9	1.2	48.1	17.9	21.0	15.0
Russian Federation	629	16.7	31.2	43.5	8.6	0.0	47.9	16.7	19.4	14.3
Saudi Arabia	677	26.5	15.9	39.3	17.8	0.5	42.4	26.5	36.2	15.7
Serbia	621	20.3	35.5	28.9	14.6	0.7	55.8	20.3	23.8	16.6
Singapore	913	52.4	31.1	14.0	2.4	0.0	83.5	52.4	55.9	49.1
Slovak Republic	789	28.0	32.2	29.2	10.4	0.2	60.2	28.0	32.1	24.4
Slovenia	654	18.1	26.8	37.1	17.6	0.4	44.9	18.1	22.4	13.8
Spain	595	40.7	33.3	17.9	8.1	0.0	74.0	40.7	41.3	40.1
Sweden	692	28.0	34.4	26.7	10.1	0.7	62.4	28.0	33.5	22.6
Thailand	643	14.7	27.0	45.5	12.3	0.5	41.7	14.7	18.6	11.4
Tunisia	703	13.5	17.5	39.3	25.7	3.9	31.1	13.5	14.2	12.9
Turkey	1074	19.9	39.2	31.9	9.0	0.0	59.1	19.9	22.9	17.1
United Arab Emirates	2110	15.9	24.4	42.6	16.9	0.2	40.3	15.9	17.9	14.0
United States	1785	41.3	31.6	25.4	1.5	0.2	72.9	41.3	42.8	39.9
Yemen	1148	0.8	3.1	48.2	46.6	1.3	3.9	0.8	1.0	0.7
International Avg. (50)	37267	26.9	28.9	29.8	14.0	0.4	55.8	26.9	29.9	23.9
Botswana (6)	602	23.4	26.6	46.8	3.2	0.0	49.9	23.4	27.4	18.9
Honduras (6)	567	18.0	46.1	29.2	6.3	0.5	64.1	18.0	19.2	16.7
Yemen (6)	712	8.7	21.3	40.2	29.4	0.4	30.1	8.7	10.6	7.4
Alberta, Canada	511	42.4	34.8	19.5	2.6	0.7	77.2	42.4	44.8	40.5
Ontario, Canada	644	30.8	36.0	28.9	3.5	0.8	66.8	30.8	34.3	27.5
Quebec, Canada	609	43.9	33.4	19.1	3.6	0.0	77.3	43.9	48.2	39.8
Abu Dhabi, UAE	604	13.1	21.6	48.7	16.4	0.2	34.6	13.1	16.2	10.0
Dubai, UAE	873	27.1	28.2	31.4	12.9	0.3	55.3	27.1	28.7	25.8
Florida, US	383	44.4	30.8	21.5	3.0	0.3	75.2	44.4	46.8	41.3
North Carolina, US	253	42.0	31.0	23.5	3.4	0.0	73.1	42.0	46.8	36.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S05_04 (S031361): Life Science / Reasoning

Label: Eyes in different outside conditions - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	49.0	24.1	49.0	6.8	9.3	9.3	1.4	49.4	48.4
Australia	866	62.3	17.0	62.3	9.4	8.9	2.3	0.2	62.5	62.0
Austria	664	59.3	16.8	59.3	6.1	8.8	9.0	0.0	61.3	57.2
Azerbaijan	694	42.6	28.9	42.6	7.7	8.4	11.9	0.5	42.4	42.8
Bahrain	578	46.4	26.4	46.4	10.8	13.7	2.5	0.2	47.0	45.7
Belgium (Flemish)	701	60.7	17.5	60.7	7.9	10.0	3.7	0.1	60.8	60.5
Chile	799	59.8	15.5	59.8	12.6	9.8	1.0	1.5	57.8	61.8
Chinese Taipei	610	74.3	15.9	74.3	2.4	3.5	3.9	0.0	75.0	73.7
Croatia	641	54.0	20.2	54.0	5.7	8.8	11.2	0.2	56.4	51.5
Czech Republic	662	57.1	22.2	57.1	5.8	5.8	9.1	0.0	53.3	60.6
Denmark	565	65.1	19.7	65.1	4.1	5.0	5.8	0.3	62.9	67.3
England	493	65.1	15.1	65.1	7.1	8.1	4.1	0.5	66.2	64.0
Finland	660	76.8	9.8	76.8	2.4	6.7	4.1	0.2	75.9	77.7
Georgia	673	35.4	36.0	35.4	9.2	10.5	7.4	1.5	31.6	38.4
Germany	571	68.2	13.5	68.2	4.9	5.8	7.6	0.0	66.9	69.5
Hong Kong SAR	568	74.1	16.5	74.1	2.5	4.7	2.2	0.0	75.1	73.3
Hungary	734	62.1	17.7	62.1	6.9	6.1	7.2	0.0	59.9	64.2
Iran, Islamic Rep. of	819	45.9	26.4	45.9	12.1	7.9	6.2	1.4	41.9	49.7
Ireland	635	59.9	16.3	59.9	9.7	11.6	2.4	0.1	55.8	63.7
Italy	612	59.8	20.3	59.8	7.0	8.3	4.6	0.1	55.0	64.8
Japan	627	58.5	23.7	58.5	1.6	2.3	13.5	0.3	57.1	59.9
Kazakhstan	626	49.7	24.2	49.7	11.5	11.9	2.4	0.3	51.3	48.3
Korea, Rep. of	625	62.5	27.6	62.5	4.9	5.0	0.0	0.0	64.5	60.7
Kuwait	584	39.8	27.6	39.8	11.3	11.0	9.5	0.8	43.0	35.9
Lithuania	667	47.4	24.6	47.4	7.1	8.6	11.7	0.4	46.4	48.4
Malta	509	50.7	20.3	50.7	11.4	10.0	7.5	0.0	53.1	48.4
Morocco	1089	32.2	20.0	32.2	17.0	8.8	19.9	2.1	27.7	36.4
Netherlands	444	69.1	12.0	69.1	6.0	8.3	4.1	0.4	70.7	67.4
New Zealand	783	59.3	14.6	59.3	9.6	11.8	4.4	0.3	60.7	57.8
Northern Ireland	512	56.5	17.6	56.5	10.4	12.0	3.4	0.0	57.7	55.1
Norway	433	51.1	26.2	51.1	10.0	9.0	3.6	0.1	50.2	52.0
Oman	1494	41.8	28.0	41.8	12.9	12.5	3.5	1.2	42.2	41.5
Poland	715	51.5	24.9	51.5	6.6	7.0	9.6	0.3	52.9	50.1
Portugal	569	67.8	14.0	67.8	6.0	5.4	6.8	0.0	62.8	73.1
Qatar	584	52.5	19.9	52.5	11.2	10.5	5.3	0.6	56.0	49.3
Romania	670	56.7	23.2	56.7	5.0	5.4	8.2	1.4	60.0	53.7
Russian Federation	629	58.4	17.4	58.4	11.4	7.6	5.2	0.0	56.6	60.1
Saudi Arabia	669	50.5	25.7	50.5	10.3	12.4	0.6	0.5	52.4	48.4
Serbia	621	51.7	23.2	51.7	6.3	7.7	9.9	1.3	53.9	49.4
Singapore	913	68.3	18.4	68.3	6.7	6.4	0.1	0.0	69.0	67.6
Slovak Republic	789	59.5	23.4	59.5	4.3	7.1	5.2	0.4	60.4	58.8
Slovenia	631	64.9	22.7	64.9	2.8	3.2	5.5	0.9	62.3	67.6
Spain	595	61.0	16.6	61.0	7.3	6.5	8.5	0.0	56.2	66.1
Sweden	692	67.7	16.5	67.7	3.9	4.4	6.7	0.8	66.4	68.9
Thailand	643	48.6	25.7	48.6	14.2	10.5	0.6	0.5	49.6	47.8
Tunisia	703	30.3	13.7	30.3	12.7	6.6	31.4	5.3	30.2	30.4
Turkey	1074	58.6	24.3	58.6	6.8	8.8	1.3	0.1	60.0	57.4
United Arab Emirates	2110	51.2	22.6	51.2	9.2	12.0	4.7	0.3	50.6	51.8
United States	1785	66.1	17.8	66.1	5.7	8.7	1.3	0.3	65.2	67.1
Yemen	1148	32.4	22.8	32.4	23.2	9.8	10.0	1.8	33.8	31.4
International Avg. (50)	37200	55.9	20.7	55.9	8.2	8.3	6.4	0.6	55.6	56.2
Botswana (6)	602	45.1	28.0	45.1	12.9	13.6	0.4	0.0	46.8	43.3
Honduras (6)	567	42.1	28.1	42.1	9.7	5.2	13.9	1.1	41.2	42.9
Yemen (6)	712	38.4	30.3	38.4	12.7	11.2	6.4	1.0	38.4	38.4
Alberta, Canada	511	65.1	17.1	65.1	6.6	9.3	1.3	0.7	64.2	65.8
Ontario, Canada	644	59.9	15.6	59.9	9.9	9.9	3.7	1.1	61.0	58.9
Quebec, Canada	609	54.3	17.9	54.3	7.9	12.6	7.3	0.0	59.4	49.3
Abu Dhabi, UAE	604	50.3	24.5	50.3	9.1	10.9	4.8	0.3	55.1	45.6
Dubai, UAE	873	56.2	19.3	56.2	8.7	11.0	4.5	0.3	53.1	58.9
Florida, US	383	69.6	15.4	69.6	5.8	8.3	0.6	0.3	65.8	74.3
North Carolina, US	253	70.0	15.0	70.0	4.7	5.5	4.9	0.0	65.8	74.5

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S05_05 (S031001): Life Science / Applying
Label: How tadpoles get in the pond - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	51.6	18.1	12.1	11.9	51.6	4.9	1.5	47.6	55.0
Australia	866	86.3	6.9	1.6	3.7	86.3	1.3	0.2	86.5	86.1
Austria	664	88.9	5.8	2.3	0.9	88.9	2.1	0.0	89.9	87.8
Azerbaijan	694	63.1	13.5	8.0	7.8	63.1	7.1	0.5	62.2	63.9
Bahrain	578	64.8	21.7	8.9	3.4	64.8	0.8	0.4	70.6	58.9
Belgium (Flemish)	701	88.2	7.2	2.1	1.7	88.2	0.7	0.1	89.5	86.8
Chile	799	72.2	15.3	6.6	3.9	72.2	0.4	1.7	71.8	72.6
Chinese Taipei	610	90.1	6.0	1.5	2.3	90.1	0.2	0.0	92.1	88.4
Croatia	641	84.0	8.5	4.6	1.9	84.0	0.7	0.3	87.2	80.7
Czech Republic	662	86.8	11.0	1.1	0.4	86.8	0.6	0.1	84.7	88.7
Denmark	565	87.0	8.0	0.8	1.4	87.0	2.6	0.3	87.4	86.5
England	493	87.2	8.1	1.5	2.4	87.2	0.3	0.5	86.8	87.6
Finland	660	89.8	3.5	3.9	2.0	89.8	0.5	0.2	90.6	89.0
Georgia	673	59.3	18.0	11.2	6.4	59.3	3.6	1.5	56.9	61.1
Germany	571	89.6	6.1	1.2	2.4	89.6	0.5	0.2	90.1	89.2
Hong Kong SAR	568	89.8	7.4	1.1	1.7	89.8	0.0	0.0	91.5	88.3
Hungary	736	79.6	14.9	1.4	1.5	79.6	1.9	0.7	80.9	78.3
Iran, Islamic Rep. of	819	74.5	8.7	6.9	5.3	74.5	3.0	1.5	75.2	73.9
Ireland	635	88.2	7.8	2.3	0.6	88.2	0.9	0.1	87.2	89.2
Italy	612	86.2	8.0	3.8	1.3	86.2	0.6	0.1	86.6	85.8
Japan	627	94.9	3.0	1.5	0.1	94.9	0.1	0.3	95.1	94.6
Kazakhstan	626	64.7	20.0	9.5	4.3	64.7	0.9	0.5	60.5	68.3
Korea, Rep. of	625	96.6	1.0	1.2	0.9	96.6	0.3	0.0	97.1	96.2
Kuwait	582	42.9	24.7	12.7	14.3	42.9	4.6	0.8	48.4	36.3
Lithuania	667	81.6	11.5	4.1	0.9	81.6	1.5	0.4	81.0	82.2
Malta	509	74.8	12.0	5.7	5.9	74.8	1.4	0.2	74.3	75.2
Morocco	1081	32.7	29.0	13.0	14.1	32.7	9.0	2.2	35.0	30.6
Netherlands	444	93.1	4.4	1.2	0.9	93.1	0.0	0.4	93.3	92.8
New Zealand	783	80.6	11.7	4.0	2.7	80.6	0.7	0.3	82.2	78.9
Northern Ireland	512	88.8	8.8	0.6	0.8	88.8	0.3	0.7	93.5	83.6
Norway	433	84.9	9.6	2.3	2.0	84.9	0.9	0.3	86.0	83.8
Oman	1494	63.0	13.7	10.2	9.4	63.0	2.5	1.3	66.2	60.0
Poland	715	90.9	5.1	1.1	1.8	90.9	0.8	0.3	92.2	89.6
Portugal	569	81.6	7.7	5.0	4.8	81.6	0.9	0.0	79.6	83.9
Qatar	584	57.4	17.8	10.8	11.4	57.4	1.9	0.6	58.7	56.3
Romania	672	75.7	14.2	3.5	2.6	75.7	2.6	1.4	75.5	75.8
Russian Federation	629	85.0	10.6	2.1	1.7	85.0	0.5	0.0	85.7	84.4
Saudi Arabia	679	54.4	24.5	9.8	9.5	54.4	1.1	0.6	61.5	46.5
Serbia	621	77.1	12.7	6.7	0.5	77.1	1.6	1.4	76.2	78.0
Singapore	913	92.7	4.5	1.3	1.5	92.7	0.0	0.0	93.2	92.2
Slovak Republic	789	76.7	19.5	1.5	1.1	76.7	0.7	0.4	77.3	76.1
Slovenia	650	91.8	3.6	1.4	1.4	91.8	0.9	0.9	93.5	90.0
Spain	595	80.4	11.5	2.8	2.9	80.4	2.3	0.1	78.0	82.8
Sweden	693	86.3	6.3	2.0	2.4	86.3	2.1	0.9	86.3	86.3
Thailand	643	82.0	6.9	5.8	4.1	82.0	0.7	0.5	82.4	81.6
Tunisia	703	38.3	15.9	12.9	9.7	38.3	17.2	5.9	38.4	38.3
Turkey	1074	68.2	17.8	6.4	6.4	68.2	0.8	0.5	69.5	66.9
United Arab Emirates	2110	65.1	17.2	7.9	7.7	65.1	1.8	0.3	68.0	62.2
United States	1785	85.9	9.6	1.6	1.3	85.9	1.2	0.4	85.4	86.5
Yemen	1148	20.8	23.1	19.3	25.7	20.8	9.3	1.8	28.2	16.0
International Avg. (50)	37224	76.3	11.6	5.0	4.3	76.3	2.0	0.7	77.1	75.5
Botswana (6)	602	53.0	21.9	10.0	14.6	53.0	0.5	0.0	52.4	53.7
Honduras (6)	567	78.0	12.5	4.6	1.5	78.0	2.1	1.3	83.3	72.5
Yemen (6)	713	38.7	26.1	14.5	15.9	38.7	3.5	1.2	37.0	40.0
Alberta, Canada	511	85.7	8.5	1.4	1.1	85.7	2.5	0.7	84.6	86.7
Ontario, Canada	644	84.3	10.0	2.8	1.3	84.3	0.6	1.1	85.2	83.5
Quebec, Canada	609	87.4	8.6	1.5	1.7	87.4	0.9	0.0	88.5	86.3
Abu Dhabi, UAE	604	58.6	19.3	8.8	10.8	58.6	2.3	0.3	63.9	53.2
Dubai, UAE	873	72.9	11.6	6.2	6.4	72.9	2.6	0.3	74.8	71.2
Florida, US	383	86.5	7.5	2.2	3.1	86.5	0.5	0.3	86.2	86.7
North Carolina, US	253	87.0	7.4	1.8	0.3	87.0	3.5	0.0	85.4	88.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_07 (S031410): Physical Science / Knowing
Label: Which is a mixture - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	72.1	72.1	8.1	6.8	6.1	3.9	2.9	74.4	70.0
Australia	866	63.8	63.8	16.4	14.8	3.4	1.0	0.6	61.0	66.8
Austria	664	75.0	75.0	6.3	10.9	1.9	6.0	0.0	74.8	75.1
Azerbaijan	694	76.1	76.1	8.6	10.0	2.3	2.3	0.7	76.5	75.8
Bahrain	578	73.2	73.2	8.8	13.1	3.5	0.6	0.8	75.4	71.0
Belgium (Flemish)	701	68.2	68.2	10.0	16.3	3.3	1.8	0.3	67.7	68.7
Chile	799	67.3	67.3	6.4	20.3	2.6	1.4	1.9	66.1	68.7
Chinese Taipei	610	76.3	76.3	4.4	15.4	2.7	1.0	0.2	72.2	79.9
Croatia	641	39.7	39.7	21.1	23.9	8.9	5.9	0.4	41.6	37.7
Czech Republic	662	46.9	46.9	27.2	9.8	12.7	3.1	0.4	50.0	44.1
Denmark	565	74.9	74.9	4.1	15.0	1.9	3.3	0.8	75.3	74.5
England	493	68.5	68.5	8.9	17.5	2.4	2.1	0.5	67.5	69.5
Finland	660	76.6	76.6	6.0	11.9	3.4	1.8	0.2	77.8	75.4
Georgia	673	79.4	79.4	4.1	7.7	4.5	1.9	2.4	82.3	77.1
Germany	571	70.6	70.6	4.5	17.3	1.9	5.4	0.2	70.3	71.0
Hong Kong SAR	568	59.7	59.7	5.5	27.6	5.1	1.8	0.3	61.6	58.1
Hungary	735	75.3	75.3	7.1	12.0	2.0	2.7	0.8	76.8	74.0
Iran, Islamic Rep. of	819	57.0	57.0	13.3	15.0	9.6	2.3	2.8	55.7	58.2
Ireland	635	67.5	67.5	13.2	16.2	1.7	1.2	0.1	68.1	66.9
Italy	612	59.3	59.3	7.7	22.9	4.8	4.9	0.4	57.8	60.8
Japan	627	61.3	61.3	11.2	13.1	11.0	3.1	0.3	65.0	57.8
Kazakhstan	626	53.8	53.8	11.1	8.1	22.5	3.7	0.9	50.2	56.8
Korea, Rep. of	625	81.9	81.9	2.6	11.0	3.4	1.0	0.0	83.0	81.0
Kuwait	583	50.9	50.9	12.6	22.8	7.4	4.9	1.3	55.0	45.9
Lithuania	667	65.4	65.4	7.8	16.5	8.2	1.6	0.4	66.4	64.6
Malta	509	53.0	53.0	14.2	26.1	4.6	1.8	0.2	52.9	53.2
Morocco	1079	41.7	41.7	12.6	27.2	6.7	8.4	3.3	43.4	40.2
Netherlands	444	63.5	63.5	9.0	22.1	3.1	1.8	0.4	61.7	65.5
New Zealand	783	64.5	64.5	13.2	19.0	2.0	1.0	0.3	63.3	65.7
Northern Ireland	512	68.5	68.5	10.6	16.3	2.8	1.1	0.7	70.4	66.4
Norway	433	65.1	65.1	4.3	20.1	4.4	5.9	0.3	66.2	64.0
Oman	1494	65.1	65.1	8.7	15.0	6.8	2.7	1.9	67.2	63.1
Poland	715	52.3	52.3	13.7	20.3	9.7	3.6	0.3	50.6	54.0
Portugal	569	78.0	78.0	3.4	10.4	7.1	1.1	0.1	77.9	78.1
Qatar	584	58.5	58.5	11.7	18.5	8.3	2.4	0.6	62.1	55.2
Romania	671	75.1	75.1	7.2	10.9	2.4	3.0	1.5	75.9	74.5
Russian Federation	629	72.6	72.6	9.2	8.8	8.4	0.6	0.4	72.9	72.3
Saudi Arabia	679	71.4	71.4	6.2	13.4	7.1	1.0	0.9	77.9	64.1
Serbia	621	57.2	57.2	9.4	15.0	8.6	7.6	2.2	58.8	55.6
Singapore	913	74.6	74.6	5.6	16.6	3.2	0.1	0.0	76.7	72.6
Slovak Republic	789	52.2	52.2	21.4	9.4	14.0	2.6	0.5	55.1	49.6
Slovenia	642	47.6	47.6	12.6	24.1	11.7	2.2	1.8	48.0	47.2
Spain	595	72.1	72.1	5.8	16.4	2.7	2.5	0.6	74.9	69.2
Sweden	692	66.5	66.5	5.1	22.6	1.9	3.2	0.9	67.8	65.0
Thailand	643	37.4	37.4	21.7	19.0	19.9	1.2	0.8	37.5	37.3
Tunisia	703	34.8	34.8	15.3	16.6	5.5	20.8	7.0	34.9	34.7
Turkey	1074	88.3	88.3	3.0	5.7	1.8	0.8	0.5	88.9	87.7
United Arab Emirates	2110	68.6	68.6	10.1	13.8	5.3	1.7	0.6	71.4	65.9
United States	1785	78.5	78.5	8.0	9.0	3.2	0.9	0.4	78.7	78.4
Yemen	1148	34.3	34.3	17.5	28.5	8.9	7.5	3.3	40.1	30.5
International Avg. (50)	37212	64.0	64.0	9.9	16.0	5.9	3.1	1.0	65.0	63.2
Botswana (6)	602	55.3	55.3	12.5	25.4	6.2	0.6	0.1	56.8	53.6
Honduras (6)	567	69.5	69.5	9.2	13.2	5.9	0.3	1.9	73.6	65.1
Yemen (6)	713	56.9	56.9	16.4	14.1	7.5	3.8	1.2	55.6	57.8
Alberta, Canada	511	73.5	73.5	7.3	13.7	2.5	1.2	1.8	70.3	76.1
Ontario, Canada	644	70.3	70.3	8.6	15.5	3.6	0.7	1.3	72.8	67.9
Quebec, Canada	609	64.8	64.8	9.8	18.7	5.4	1.3	0.0	68.4	61.3
Abu Dhabi, UAE	604	64.7	64.7	12.4	14.1	5.3	2.8	0.7	68.2	61.2
Dubai, UAE	873	73.8	73.8	7.1	13.6	3.9	1.3	0.3	74.7	73.0
Florida, US	383	77.1	77.1	7.0	12.6	2.8	0.3	0.3	77.4	76.8
North Carolina, US	253	75.6	75.6	10.3	11.6	1.8	0.7	0.0	74.6	76.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_08 (S031421): Physical Science / Knowing
Label: Materials that will burn - Points: 1

COUNTRY	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	63.9	7.9	2.7	4.4	14.4	3.4	3.3	63.9	66.7	61.1
Australia	866	57.4	0.3	0.1	19.3	22.0	0.2	0.6	57.4	54.1	61.1
Austria	664	79.8	0.2	0.0	14.5	4.7	0.9	0.0	79.8	77.4	82.1
Azerbaijan	694	68.6	0.6	0.9	4.6	17.9	5.9	1.5	68.6	66.3	70.7
Bahrain	578	50.6	1.0	0.3	2.4	43.5	1.1	1.1	50.6	53.7	47.4
Belgium (Flemish)	701	63.3	0.6	0.3	20.3	14.7	0.3	0.6	63.3	56.4	70.8
Chile	799	54.6	0.1	0.3	21.6	20.7	0.4	2.3	54.6	48.9	60.7
Chinese Taipei	610	53.8	0.2	0.2	21.8	23.8	0.0	0.2	53.8	52.0	55.5
Croatia	641	81.3	0.2	0.0	5.1	12.9	0.1	0.4	81.3	79.6	83.0
Czech Republic	662	86.0	0.2	0.0	6.3	6.1	1.0	0.4	86.0	85.2	86.8
Denmark	565	73.4	1.1	0.0	5.0	17.9	1.7	0.8	73.4	70.5	76.3
England	493	60.1	0.0	0.5	23.1	15.2	0.1	1.0	60.1	56.6	63.3
Finland	660	80.9	0.1	0.1	9.4	8.4	0.1	1.0	80.9	76.9	84.9
Georgia	673	60.6	2.0	1.1	4.3	26.2	3.4	2.4	60.6	61.8	59.8
Germany	571	86.8	0.0	0.0	8.3	4.6	0.2	0.2	86.8	84.5	89.0
Hong Kong SAR	568	45.0	1.9	0.8	18.8	32.8	0.3	0.5	45.0	46.8	43.5
Hungary	736	80.0	0.0	0.3	8.4	9.7	0.7	0.8	80.0	74.9	84.8
Iran, Islamic Rep. of	819	49.8	0.5	0.5	7.5	37.4	1.2	3.1	49.8	48.0	51.6
Ireland	635	62.0	0.6	0.2	25.4	10.8	0.8	0.2	62.0	58.7	65.1
Italy	612	65.5	0.7	1.1	17.1	14.1	0.8	0.6	65.5	60.9	70.2
Japan	627	68.1	0.6	0.3	18.6	11.8	0.3	0.3	68.1	66.7	69.5
Kazakhstan	624	73.1	4.0	2.0	0.6	16.4	3.1	0.9	73.1	72.8	73.3
Korea, Rep. of	625	52.1	0.9	0.3	14.5	31.8	0.5	0.0	52.1	50.2	53.7
Kuwait	592	30.1	5.1	5.3	4.7	50.7	1.7	2.3	30.1	35.1	24.2
Lithuania	667	78.1	0.1	0.0	3.0	16.7	1.6	0.4	78.1	78.3	78.0
Malta	509	49.8	1.6	1.0	16.7	30.1	0.6	0.2	49.8	46.7	52.8
Morocco	1110	22.8	1.3	0.7	36.2	30.9	3.6	4.6	22.8	22.5	23.0
Netherlands	444	73.2	0.0	0.0	9.9	16.3	0.0	0.6	73.2	66.8	80.1
New Zealand	783	51.1	0.3	0.2	30.1	17.2	0.7	0.4	51.1	46.0	56.3
Northern Ireland	512	64.3	0.0	0.0	20.7	14.0	0.4	0.7	64.3	62.2	66.5
Norway	433	62.3	0.5	0.0	17.7	19.0	0.0	0.6	62.3	54.5	70.0
Oman	1494	40.1	0.3	0.2	17.3	38.4	1.4	2.4	40.1	44.1	36.4
Poland	715	71.3	0.0	0.0	5.1	22.1	1.1	0.4	71.3	69.1	73.4
Portugal	569	66.9	0.4	0.5	13.0	18.7	0.5	0.1	66.9	60.9	73.3
Qatar	584	35.2	0.8	0.5	13.7	47.9	0.9	0.9	35.2	39.5	31.2
Romania	669	75.7	0.8	0.0	5.9	13.3	2.6	1.7	75.7	74.5	76.9
Russian Federation	629	86.7	0.2	0.0	3.8	8.7	0.2	0.6	86.7	88.3	85.2
Saudi Arabia	676	52.3	0.0	0.6	0.4	44.2	1.1	1.3	52.3	54.3	50.2
Serbia	621	77.0	0.2	0.0	2.1	17.7	0.4	2.5	77.0	74.2	80.0
Singapore	913	50.5	0.5	0.1	33.4	15.5	0.1	0.0	50.5	46.1	54.8
Slovak Republic	789	74.1	0.0	0.9	9.1	15.1	0.2	0.7	74.1	68.8	78.5
Slovenia	654	63.6	0.7	0.9	15.1	16.4	1.6	1.8	63.6	64.1	63.1
Spain	595	55.3	1.0	0.2	18.4	22.6	1.5	1.0	55.3	52.0	58.7
Sweden	692	59.9	0.6	0.0	18.5	18.6	1.2	1.3	59.9	52.6	67.0
Thailand	643	36.3	1.4	3.3	5.8	51.5	0.5	1.1	36.3	39.4	33.7
Tunisia	703	43.3	1.0	1.0	4.2	41.1	2.0	7.3	43.3	48.9	38.2
Turkey	1073	71.5	0.4	0.8	5.9	20.0	0.3	1.1	71.5	69.9	73.0
United Arab Emirates	2110	46.5	0.6	0.3	19.0	31.7	1.2	0.7	46.5	49.2	43.9
United States	1785	56.5	0.0	0.4	27.7	14.0	0.4	1.1	56.5	50.9	62.1
Yemen	1147	17.3	1.3	0.2	2.0	70.9	4.3	4.0	17.3	18.1	16.7
International Avg. (50)	37256	60.6	0.9	0.6	12.8	22.8	1.1	1.2	60.6	58.9	62.2
Botswana (6)	602	37.9	0.4	0.5	12.9	46.7	1.3	0.3	37.9	42.9	32.2
Honduras (6)	567	55.4	1.0	0.0	3.7	37.4	0.7	1.9	55.4	53.8	56.9
Yemen (6)	713	41.2	0.1	0.0	2.0	54.1	1.1	1.5	41.2	38.8	42.8
Alberta, Canada	511	57.7	0.3	0.2	24.1	15.1	0.7	1.9	57.7	51.0	63.2
Ontario, Canada	644	54.3	0.4	0.0	27.2	16.7	0.1	1.3	54.3	55.5	53.2
Quebec, Canada	609	60.4	0.1	0.0	19.6	19.4	0.6	0.0	60.4	58.1	62.5
Abu Dhabi, UAE	604	44.9	0.5	0.4	18.1	33.9	1.1	1.1	44.9	49.1	40.7
Dubai, UAE	873	50.4	0.6	0.5	21.2	26.3	0.7	0.3	50.4	46.5	53.8
Florida, US	383	57.1	0.0	0.0	25.9	16.2	0.5	0.3	57.1	53.9	61.0
North Carolina, US	253	59.1	0.4	0.0	22.7	17.8	0.0	0.0	59.1	53.5	65.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S05_09 (S031298): Physical Science / Applying
Label: Boiled egg in cold water - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	33.9	5.0	33.9	35.6	16.2	5.3	3.9	38.0	30.4
Australia	866	26.1	7.4	26.1	41.1	22.1	2.7	0.6	24.1	28.2
Austria	664	27.1	6.0	27.1	44.5	19.2	3.1	0.0	23.6	30.5
Azerbaijan	694	51.6	4.7	51.6	27.1	10.9	3.6	2.2	48.4	54.7
Bahrain	578	30.4	9.4	30.4	30.5	26.8	1.8	1.1	31.4	29.5
Belgium (Flemish)	701	24.0	5.7	24.0	47.9	21.4	0.5	0.6	22.8	25.3
Chile	799	29.6	8.5	29.6	34.2	22.5	2.9	2.3	32.8	26.1
Chinese Taipei	610	42.6	5.1	42.6	22.5	29.0	0.6	0.2	46.0	39.5
Croatia	641	34.1	4.3	34.1	44.1	16.1	1.0	0.4	35.3	33.0
Czech Republic	662	28.4	5.5	28.4	38.2	25.2	2.4	0.4	29.5	27.3
Denmark	565	29.0	6.4	29.0	45.6	15.9	2.0	1.1	25.5	32.7
England	493	30.1	6.5	30.1	41.0	19.3	2.0	1.0	25.4	34.5
Finland	660	31.8	5.2	31.8	48.1	13.0	0.8	1.0	28.4	35.3
Georgia	673	38.3	3.5	38.3	32.3	20.6	2.3	2.9	36.5	39.7
Germany	571	28.4	7.6	28.4	45.5	16.7	1.6	0.2	27.7	29.1
Hong Kong SAR	568	43.3	3.9	43.3	27.8	23.5	1.0	0.5	43.0	43.7
Hungary	737	27.3	3.1	27.3	48.8	17.1	2.1	1.5	25.3	29.2
Iran, Islamic Rep. of	819	29.1	7.4	29.1	32.5	23.9	3.5	3.6	29.8	28.4
Ireland	635	29.1	6.3	29.1	39.0	24.1	1.3	0.2	21.5	36.3
Italy	612	34.4	3.9	34.4	39.9	18.8	2.3	0.6	31.7	37.2
Japan	627	50.9	2.3	50.9	38.0	8.1	0.4	0.3	55.2	46.7
Kazakhstan	626	21.1	12.8	21.1	31.6	29.8	3.6	1.1	20.0	22.0
Korea, Rep. of	625	67.1	3.1	67.1	16.3	12.5	1.0	0.0	67.0	67.2
Kuwait	583	33.7	14.5	33.7	26.4	17.6	5.5	2.4	34.2	33.2
Lithuania	667	37.2	4.5	37.2	40.2	16.2	1.6	0.4	39.8	34.9
Malta	509	27.2	12.0	27.2	30.5	27.9	2.2	0.2	23.5	30.7
Morocco	1074	36.7	13.1	36.7	18.9	19.4	8.3	3.8	34.9	38.3
Netherlands	444	14.2	4.4	14.2	39.6	39.7	1.5	0.6	12.2	16.3
New Zealand	783	25.7	8.0	25.7	39.7	22.9	3.2	0.6	23.0	28.4
Northern Ireland	512	26.9	7.1	26.9	39.4	23.3	2.6	0.7	27.8	26.0
Norway	433	29.3	7.8	29.3	35.3	24.5	2.5	0.6	28.2	30.4
Oman	1494	26.2	16.1	26.2	21.0	30.7	3.6	2.4	26.6	25.8
Poland	715	30.3	5.8	30.3	46.2	15.8	1.4	0.4	31.6	29.1
Portugal	569	41.2	3.9	41.2	33.3	18.7	2.8	0.1	40.3	42.1
Qatar	582	30.6	10.5	30.6	29.4	26.2	2.0	1.2	27.1	33.8
Romania	672	53.9	5.7	53.9	22.6	13.5	2.4	1.9	54.8	53.0
Russian Federation	629	38.6	4.2	38.6	44.7	10.7	1.2	0.6	37.9	39.2
Saudi Arabia	679	35.1	8.7	35.1	27.6	25.5	1.6	1.5	35.7	34.5
Serbia	621	38.7	2.4	38.7	40.8	12.9	2.6	2.7	39.9	37.4
Singapore	913	73.0	7.4	73.0	7.3	12.2	0.1	0.0	75.0	71.0
Slovak Republic	789	42.7	6.0	42.7	37.1	11.7	1.8	0.7	40.4	44.7
Slovenia	653	26.6	5.6	26.6	39.7	25.4	0.7	2.0	28.5	24.6
Spain	595	23.1	6.1	23.1	39.0	26.9	4.0	1.0	23.7	22.5
Sweden	692	25.6	6.2	25.6	43.2	21.0	2.7	1.3	24.4	26.9
Thailand	643	33.3	10.5	33.3	36.0	17.0	1.8	1.3	30.8	35.5
Tunisia	703	25.1	6.5	25.1	26.5	16.8	17.6	7.5	25.1	25.1
Turkey	1074	51.0	5.0	51.0	23.0	19.9	0.1	1.1	54.2	48.1
United Arab Emirates	2110	29.8	11.0	29.8	29.4	26.1	2.8	0.9	29.3	30.4
United States	1785	35.5	5.1	35.5	39.0	17.5	1.7	1.2	34.5	36.5
Yemen	1148	26.5	11.7	26.5	27.3	21.2	8.7	4.6	25.2	27.3
International Avg. (50)	37219	34.1	6.9	34.1	34.7	20.3	2.7	1.3	33.5	34.6
Botswana (6)	602	39.4	11.4	39.4	29.4	18.5	1.0	0.3	40.7	38.0
Honduras (6)	567	29.3	8.1	29.3	30.5	27.4	2.8	1.9	33.0	25.5
Yemen (6)	713	27.8	8.5	27.8	28.7	30.8	2.7	1.5	23.7	30.7
Alberta, Canada	511	31.6	4.9	31.6	34.2	25.3	1.9	2.1	31.1	32.0
Ontario, Canada	644	25.0	5.6	25.0	39.7	25.8	2.7	1.3	25.9	24.0
Quebec, Canada	609	15.3	6.4	15.3	55.4	18.1	4.8	0.0	18.3	12.4
Abu Dhabi, UAE	604	27.4	11.8	27.4	28.0	28.1	3.5	1.1	27.2	27.7
Dubai, UAE	873	31.0	8.8	31.0	30.5	26.5	3.0	0.3	29.9	31.9
Florida, US	383	33.3	6.2	33.3	35.2	22.6	2.2	0.5	32.6	34.1
North Carolina, US	253	30.2	3.0	30.2	47.1	18.8	1.0	0.0	27.1	33.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S05_10 (S031076): Physical Science / Reasoning
Label: Two carts holding magnets - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	10.7	23.0	23.1	37.8	5.4	10.7	8.4	12.8
Australia	866	35.4	35.4	23.0	5.4	0.8	35.4	31.3	39.9
Austria	664	47.6	31.7	10.3	10.3	0.1	47.6	44.2	51.0
Azerbaijan	694	24.6	21.4	12.3	38.3	3.4	24.6	22.5	26.6
Bahrain	578	32.4	12.9	41.9	11.5	1.4	32.4	33.8	30.9
Belgium (Flemish)	701	18.8	42.9	33.8	3.9	0.6	18.8	16.4	21.5
Chile	799	23.2	26.1	33.4	14.5	2.8	23.2	23.6	22.7
Chinese Taipei	610	76.5	8.5	10.5	4.3	0.2	76.5	73.8	79.0
Croatia	641	17.4	61.7	10.6	9.9	0.4	17.4	18.8	16.0
Czech Republic	662	32.4	43.8	12.5	10.1	1.2	32.4	29.7	34.8
Denmark	565	41.9	17.4	27.6	12.0	1.1	41.9	40.6	43.2
England	493	52.8	26.9	15.6	3.5	1.1	52.8	53.2	52.5
Finland	660	37.9	45.8	9.2	6.1	1.0	37.9	32.7	43.0
Georgia	674	22.9	33.3	18.8	21.8	3.2	22.9	22.6	23.2
Germany	571	43.0	30.7	15.9	9.9	0.5	43.0	40.6	45.3
Hong Kong SAR	568	49.2	30.0	18.2	2.1	0.5	49.2	44.1	53.5
Hungary	736	39.8	42.8	11.0	4.5	1.9	39.8	34.7	44.5
Iran, Islamic Rep. of	819	51.2	13.9	16.8	13.9	4.2	51.2	50.2	52.2
Ireland	635	41.9	36.4	18.5	3.0	0.2	41.9	40.4	43.3
Italy	612	18.3	43.6	26.4	10.9	0.9	18.3	16.1	20.6
Japan	627	87.1	5.8	6.1	0.6	0.5	87.1	88.9	85.3
Kazakhstan	626	27.5	17.1	44.8	9.0	1.7	27.5	27.5	27.4
Korea, Rep. of	625	88.2	6.3	4.7	0.8	0.0	88.2	88.7	87.8
Kuwait	591	39.7	3.8	25.3	27.5	3.6	39.7	49.2	28.5
Lithuania	667	26.7	38.4	20.6	13.8	0.6	26.7	24.7	28.4
Malta	509	39.8	10.6	38.4	11.0	0.2	39.8	40.0	39.6
Morocco	1111	0.8	7.4	29.8	53.8	8.1	0.8	0.6	1.0
Netherlands	444	34.3	33.8	27.8	3.2	0.9	34.3	31.3	37.6
New Zealand	783	33.1	38.9	22.6	4.8	0.6	33.1	30.5	35.8
Northern Ireland	512	27.2	49.2	19.4	3.5	0.7	27.2	26.0	28.5
Norway	433	21.5	43.2	26.7	8.1	0.6	21.5	20.2	22.7
Oman	1494	21.8	15.6	35.7	24.1	2.7	21.8	22.4	21.2
Poland	715	22.1	42.9	17.4	17.0	0.7	22.1	18.4	25.7
Portugal	569	37.1	35.1	21.0	6.7	0.2	37.1	35.6	38.6
Qatar	584	30.3	8.7	42.6	17.0	1.4	30.3	36.7	24.5
Romania	673	50.4	13.5	19.0	14.9	2.2	50.4	48.9	51.8
Russian Federation	629	48.5	35.3	11.3	4.3	0.6	48.5	43.2	53.1
Saudi Arabia	677	26.9	25.6	32.6	13.3	1.6	26.9	32.2	21.1
Serbia	621	35.8	14.2	30.1	16.2	3.7	35.8	33.5	38.2
Singapore	913	89.8	3.2	5.6	1.4	0.0	89.8	91.3	88.4
Slovak Republic	789	37.4	44.6	11.9	5.2	0.8	37.4	35.7	38.9
Slovenia	654	47.9	31.0	12.3	6.7	2.1	47.9	43.3	52.5
Spain	595	25.8	16.2	38.4	18.5	1.1	25.8	26.0	25.6
Sweden	693	35.9	27.6	21.2	13.7	1.5	35.9	35.8	36.1
Thailand	643	35.5	21.9	30.4	10.5	1.6	35.5	32.9	37.8
Tunisia	703	1.7	20.2	44.1	23.4	10.6	1.7	1.9	1.6
Turkey	1074	25.7	37.4	28.0	7.9	1.1	25.7	25.7	25.7
United Arab Emirates	2110	30.6	20.6	28.6	18.9	1.4	30.6	33.4	27.8
United States	1785	57.6	24.6	14.0	2.4	1.4	57.6	55.5	59.6
Yemen	1148	1.8	4.5	42.0	45.3	6.4	1.8	1.7	1.9
International Avg. (50)	37267	36.1	26.5	22.8	12.7	1.8	36.1	35.2	37.0
Botswana (6)	602	28.2	6.7	57.3	7.5	0.4	28.2	29.1	27.2
Honduras (6)	567	6.7	33.8	38.8	18.2	2.6	6.7	5.8	7.6
Yemen (6)	710	8.1	7.8	51.9	30.2	2.0	8.1	8.4	7.9
Alberta, Canada	511	63.8	19.7	12.0	2.4	2.1	63.8	61.7	65.6
Ontario, Canada	644	49.7	23.8	20.8	4.0	1.6	49.7	50.1	49.4
Quebec, Canada	609	32.1	47.1	14.2	5.6	0.9	32.1	33.2	31.0
Abu Dhabi, UAE	604	31.5	16.7	31.9	18.2	1.7	31.5	36.1	26.9
Dubai, UAE	873	32.6	28.2	23.4	14.6	1.2	32.6	36.5	29.1
Florida, US	383	54.2	25.9	16.1	3.0	0.7	54.2	56.2	51.7
North Carolina, US	253	54.7	25.3	17.8	1.9	0.3	54.7	51.8	57.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S05_11 (S031275): Earth Science / Applying
Label: Explanation for day and night - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	44.4	14.1	23.6	44.4	8.4	2.1	7.4	45.2	43.7
Australia	866	29.8	25.7	39.9	29.8	2.1	1.4	1.1	25.1	34.8
Austria	664	44.1	20.5	29.0	44.1	2.9	2.6	0.9	40.1	48.0
Azerbaijan	694	47.1	14.3	22.3	47.1	9.5	1.0	5.7	49.9	44.5
Bahrain	578	46.2	15.0	30.5	46.2	5.7	1.2	1.4	46.1	46.2
Belgium (Flemish)	701	31.7	29.5	33.0	31.7	3.4	1.6	0.9	27.5	36.2
Chile	799	51.5	8.8	29.7	51.5	5.2	1.6	3.2	48.0	55.3
Chinese Taipei	610	36.1	21.4	40.1	36.1	0.9	1.2	0.2	29.8	41.8
Croatia	641	36.5	21.7	36.8	36.5	2.1	2.5	0.4	37.2	35.8
Czech Republic	662	58.2	13.5	21.1	58.2	5.5	0.1	1.6	55.2	60.9
Denmark	565	27.2	26.0	38.8	27.2	3.7	2.6	1.7	24.4	30.0
England	493	36.8	19.1	39.7	36.8	1.5	1.5	1.4	36.9	36.6
Finland	660	38.6	22.0	34.1	38.6	2.6	1.6	1.2	33.0	44.2
Georgia	674	37.0	12.7	39.6	37.0	3.4	2.7	4.6	38.4	35.9
Germany	571	46.2	24.7	24.0	46.2	1.5	3.0	0.6	44.6	47.9
Hong Kong SAR	568	42.9	19.6	34.5	42.9	1.7	0.7	0.6	39.2	46.1
Hungary	737	39.3	19.1	33.8	39.3	2.7	2.8	2.4	35.2	43.0
Iran, Islamic Rep. of	819	23.9	17.0	47.0	23.9	4.0	2.7	5.5	17.8	29.5
Ireland	635	19.7	32.0	44.6	19.7	2.6	0.7	0.3	14.9	24.4
Italy	612	23.4	20.4	51.9	23.4	1.9	0.9	1.4	21.4	25.5
Japan	627	28.3	22.1	41.8	28.3	5.3	2.0	0.6	27.1	29.4
Kazakhstan	626	35.2	19.8	39.1	35.2	3.0	1.0	1.9	34.6	35.8
Korea, Rep. of	625	20.3	14.0	63.9	20.3	1.2	0.2	0.3	18.6	21.8
Kuwait	585	28.6	14.5	42.9	28.6	4.8	4.6	4.5	35.0	21.0
Lithuania	667	52.3	13.5	27.9	52.3	4.0	1.7	0.7	45.6	58.1
Malta	509	23.3	23.7	45.4	23.3	4.4	2.4	0.8	24.0	22.6
Morocco	1058	18.9	29.1	26.7	18.9	10.0	6.7	8.6	17.1	20.6
Netherlands	444	24.6	26.0	44.9	24.6	2.0	1.6	0.9	22.9	26.5
New Zealand	783	21.6	35.0	37.3	21.6	4.4	0.9	0.8	16.0	27.3
Northern Ireland	512	15.7	35.4	42.4	15.7	4.2	1.6	0.7	16.3	15.1
Norway	433	14.1	24.7	55.6	14.1	2.5	2.0	1.0	8.0	20.2
Oman	1494	22.5	25.4	38.7	22.5	7.0	1.9	4.6	23.8	21.3
Poland	715	39.8	18.0	35.8	39.8	2.0	2.7	1.7	38.9	40.7
Portugal	569	43.6	13.3	32.3	43.6	7.4	2.0	1.3	33.6	54.4
Qatar	584	41.8	15.6	32.3	41.8	6.5	0.9	2.9	41.2	42.5
Romania	672	32.3	17.4	41.0	32.3	3.6	3.1	2.6	26.6	37.5
Russian Federation	629	54.3	8.3	33.0	54.3	3.1	0.4	0.9	55.3	53.4
Saudi Arabia	679	45.2	16.5	27.0	45.2	8.5	0.7	2.1	50.3	39.4
Serbia	621	37.4	29.9	21.0	37.4	4.3	2.1	5.4	35.9	38.9
Singapore	913	29.2	25.7	40.4	29.2	4.4	0.3	0.0	25.1	33.1
Slovak Republic	789	58.4	10.7	23.2	58.4	5.0	1.6	1.0	55.9	60.6
Slovenia	650	46.0	14.3	33.2	46.0	2.8	1.4	2.3	44.6	47.4
Spain	595	34.3	21.2	36.7	34.3	2.7	2.5	2.6	29.0	39.8
Sweden	692	30.2	21.7	42.4	30.2	1.6	2.1	2.1	25.9	34.4
Thailand	643	24.6	20.8	44.0	24.6	8.0	0.9	1.7	20.2	28.4
Tunisia	703	18.4	23.8	22.5	18.4	6.8	16.3	12.2	15.7	20.9
Turkey	1074	38.5	21.9	33.7	38.5	4.0	0.5	1.3	38.6	38.5
United Arab Emirates	2110	35.8	17.0	39.2	35.8	5.0	1.2	1.9	36.5	35.1
United States	1785	32.1	20.3	41.2	32.1	3.2	1.3	2.0	28.7	35.6
Yemen	1148	20.8	29.1	29.1	20.8	8.3	3.2	9.5	18.0	22.7
International Avg. (50)	37205	34.6	20.5	36.2	34.6	4.2	2.1	2.4	32.4	36.7
Botswana (6)	602	11.0	42.6	34.3	11.0	10.3	1.0	0.8	10.2	11.9
Honduras (6)	567	17.8	42.2	32.0	17.8	2.7	1.6	3.7	14.6	21.1
Yemen (6)	713	21.5	39.1	26.2	21.5	8.4	1.8	3.0	23.0	20.4
Alberta, Canada	511	22.0	32.0	39.1	22.0	2.9	1.6	2.4	15.9	27.1
Ontario, Canada	644	20.8	31.3	41.2	20.8	3.6	0.9	2.4	18.7	22.7
Quebec, Canada	609	27.5	22.9	45.6	27.5	1.6	1.1	1.3	27.4	27.5
Abu Dhabi, UAE	604	36.8	17.4	37.4	36.8	4.3	1.9	2.1	40.2	33.5
Dubai, UAE	873	38.3	14.9	39.9	38.3	4.3	0.9	1.6	37.3	39.2
Florida, US	383	37.9	17.9	39.0	37.9	2.5	1.4	1.3	35.6	40.8
North Carolina, US	253	25.2	27.9	42.4	25.2	2.3	1.9	0.3	21.5	29.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_01 (S041311): Physical Science / Applying
Label: Thermometer reading hottest water - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	84.9	0.8	84.9	3.7	2.6	6.1	1.8	85.3	84.5
Australia	867	92.9	1.0	92.9	3.7	1.9	0.4	0.1	92.0	93.8
Austria	661	96.7	0.3	96.7	1.4	0.4	1.2	0.0	97.4	96.0
Azerbaijan	698	81.3	1.4	81.3	5.8	3.0	6.5	1.8	79.9	82.5
Bahrain	581	88.6	1.5	88.6	6.9	0.9	2.2	0.0	89.2	87.9
Belgium (Flemish)	700	98.5	0.1	98.5	0.5	0.4	0.5	0.0	98.8	98.1
Chile	806	94.2	0.5	94.2	2.8	0.6	1.7	0.2	94.3	94.0
Chinese Taipei	612	97.6	0.2	97.6	1.0	0.3	0.9	0.0	98.2	97.1
Croatia	656	96.0	0.5	96.0	1.6	1.2	0.5	0.2	96.6	95.4
Czech Republic	647	92.4	0.5	92.4	3.9	3.2	0.1	0.0	93.8	90.9
Denmark	556	94.1	0.2	94.1	1.7	0.3	3.5	0.2	95.4	92.9
England	490	92.5	0.5	92.5	4.7	1.2	1.1	0.0	91.5	93.6
Finland	655	96.1	1.3	96.1	1.2	0.8	0.6	0.0	94.9	97.4
Georgia	686	93.3	0.8	93.3	2.9	1.6	1.4	0.0	95.2	91.8
Germany	573	94.8	0.4	94.8	1.1	1.9	1.8	0.0	95.2	94.4
Hong Kong SAR	568	95.2	1.3	95.2	1.2	1.7	0.7	0.0	94.9	95.4
Hungary	745	97.2	0.6	97.2	1.2	0.5	0.3	0.1	97.8	96.8
Iran, Islamic Rep. of	818	79.1	1.9	79.1	14.5	1.5	2.6	0.4	78.2	80.0
Ireland	648	97.1	0.0	97.1	2.0	0.3	0.6	0.0	98.3	96.0
Italy	595	95.3	0.3	95.3	2.1	0.1	2.2	0.0	96.1	94.5
Japan	637	96.9	0.3	96.9	2.2	0.4	0.2	0.0	96.3	97.6
Kazakhstan	626	91.2	1.3	91.2	4.7	0.7	2.0	0.0	92.0	90.5
Korea, Rep. of	615	97.3	0.2	97.3	1.5	0.5	0.6	0.0	97.9	96.7
Kuwait	584	78.8	2.8	78.8	10.4	2.8	4.9	0.2	82.4	74.6
Lithuania	678	96.2	1.3	96.2	2.1	0.1	0.3	0.0	96.0	96.4
Malta	507	88.6	1.8	88.6	6.7	0.6	2.2	0.0	88.2	89.1
Morocco	1103	76.6	4.4	76.6	7.4	1.9	9.1	0.7	77.0	76.2
Netherlands	452	98.2	0.2	98.2	0.7	0.7	0.2	0.0	98.3	98.1
New Zealand	792	93.5	0.2	93.5	3.7	1.2	1.5	0.0	95.2	91.9
Northern Ireland	512	94.8	1.6	94.8	1.5	1.2	0.8	0.0	94.9	94.8
Norway	423	91.2	1.0	91.2	1.7	0.8	5.4	0.0	92.5	90.0
Oman	1484	79.8	2.6	79.8	9.9	3.1	4.5	0.1	81.7	77.9
Poland	722	94.9	0.7	94.9	1.8	1.6	1.1	0.0	94.7	95.1
Portugal	574	94.3	0.0	94.3	2.5	1.7	1.5	0.0	92.5	96.3
Qatar	597	80.9	3.6	80.9	10.0	2.4	2.9	0.3	83.9	78.1
Romania	669	90.7	3.0	90.7	2.7	0.7	2.8	0.0	92.7	89.0
Russian Federation	639	97.3	0.0	97.3	1.7	0.9	0.2	0.0	96.5	97.9
Saudi Arabia	680	88.8	2.8	88.8	6.0	1.6	0.7	0.0	89.6	87.9
Serbia	620	96.3	0.4	96.3	0.8	0.6	1.4	0.5	96.4	96.2
Singapore	913	96.9	0.3	96.9	1.5	0.6	0.7	0.0	97.4	96.4
Slovak Republic	786	97.3	0.4	97.3	1.3	0.2	0.8	0.1	96.8	97.6
Slovenia	646	95.7	0.2	95.7	2.5	0.7	0.6	0.2	95.2	96.3
Spain	595	92.0	1.0	92.0	3.2	1.9	2.0	0.0	91.3	92.8
Sweden	680	96.3	0.1	96.3	1.0	0.4	2.3	0.0	94.3	98.2
Thailand	646	86.7	1.3	86.7	8.5	1.2	2.4	0.0	85.8	87.4
Tunisia	694	76.1	2.6	76.1	5.3	3.0	13.0	0.1	77.8	74.4
Turkey	1050	88.6	2.0	88.6	6.4	2.6	0.3	0.0	91.1	86.3
United Arab Emirates	2116	86.8	1.5	86.8	6.7	1.4	3.4	0.2	88.7	84.8
United States	1798	94.2	0.9	94.2	2.9	0.8	1.3	0.0	93.7	94.7
Yemen	1160	61.9	5.9	61.9	12.1	3.0	16.0	1.1	64.1	60.4
International Avg. (50)	37283	91.1	1.2	91.1	3.9	1.3	2.4	0.2	91.5	90.7
Botswana (6)	604	84.5	2.6	84.5	7.4	3.5	1.8	0.1	86.4	82.6
Honduras (6)	572	84.9	4.0	84.9	3.9	2.9	3.4	0.9	84.9	84.9
Yemen (6)	701	85.1	1.7	85.1	4.1	1.0	7.8	0.3	85.2	85.0
Alberta, Canada	517	92.9	0.4	92.9	4.5	1.3	1.0	0.0	92.3	93.3
Ontario, Canada	639	93.8	0.4	93.8	4.4	0.8	0.5	0.0	94.7	93.0
Quebec, Canada	603	92.7	0.0	92.7	5.5	0.8	1.0	0.0	91.1	94.3
Abu Dhabi, UAE	596	85.2	1.1	85.2	7.9	1.4	3.9	0.4	87.5	82.8
Dubai, UAE	888	87.5	1.1	87.5	6.3	1.4	3.5	0.2	88.4	86.7
Florida, US	391	91.8	0.3	91.8	5.0	2.0	0.9	0.0	90.1	93.9
North Carolina, US	265	93.7	0.7	93.7	2.4	1.1	2.1	0.0	96.0	91.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_02 (S041178): Life Science / Knowing
Label: What plants use energy for - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	34.2	34.2	16.0	26.8	13.6	7.0	2.4	33.4	34.6
Australia	867	28.7	28.7	32.8	34.3	2.8	1.3	0.1	25.7	32.0
Austria	661	27.6	27.6	29.4	31.0	9.3	2.7	0.0	26.4	28.8
Azerbaijan	698	44.3	44.3	16.5	12.3	16.9	7.9	2.1	43.0	45.3
Bahrain	581	78.3	78.3	8.2	8.1	4.0	1.5	0.0	80.2	76.3
Belgium (Flemish)	700	39.7	39.7	28.3	15.7	15.3	1.0	0.0	37.4	42.2
Chile	806	44.3	44.3	18.4	28.6	6.5	1.9	0.4	41.5	47.3
Chinese Taipei	612	85.1	85.1	4.9	8.0	1.6	0.4	0.0	82.3	87.7
Croatia	656	67.9	67.9	12.3	12.8	5.1	1.7	0.2	69.4	66.5
Czech Republic	647	69.8	69.8	16.9	9.4	1.9	2.0	0.1	71.0	68.5
Denmark	556	8.4	8.4	50.1	32.6	5.2	3.5	0.2	10.0	6.9
England	490	45.7	45.7	23.7	25.7	4.1	0.9	0.0	45.0	46.3
Finland	655	71.5	71.5	17.0	8.8	2.3	0.4	0.0	73.6	69.1
Georgia	686	32.3	32.3	11.7	44.1	10.3	1.7	0.0	33.2	31.6
Germany	573	29.6	29.6	30.3	28.7	7.5	3.9	0.0	28.3	30.8
Hong Kong SAR	568	87.5	87.5	2.9	6.2	2.8	0.6	0.0	86.2	88.4
Hungary	745	68.3	68.3	12.2	9.2	8.6	1.6	0.1	70.5	66.5
Iran, Islamic Rep. of	818	70.6	70.6	6.8	12.0	7.4	2.6	0.5	68.7	72.3
Ireland	648	29.6	29.6	28.1	37.8	3.0	1.5	0.0	29.6	29.6
Italy	595	62.8	62.8	6.7	23.8	5.6	1.1	0.0	61.6	64.1
Japan	637	84.9	84.9	2.0	6.7	5.7	0.8	0.0	83.6	86.1
Kazakhstan	626	44.6	44.6	20.5	20.9	10.9	3.1	0.0	45.6	43.7
Korea, Rep. of	615	92.9	92.9	3.6	2.2	0.4	0.8	0.0	92.7	93.1
Kuwait	583	66.6	66.6	11.8	9.0	7.0	5.4	0.2	74.1	57.7
Lithuania	678	49.0	49.0	19.3	21.3	9.3	1.1	0.0	47.5	50.2
Malta	507	35.4	35.4	24.9	29.2	9.7	0.8	0.0	36.5	34.4
Morocco	1105	23.1	23.1	26.6	23.6	16.9	9.1	0.7	19.1	26.6
Netherlands	452	42.3	42.3	35.3	11.9	8.6	1.9	0.0	42.4	42.2
New Zealand	792	28.9	28.9	29.3	35.3	4.7	1.8	0.0	29.3	28.7
Northern Ireland	512	28.7	28.7	23.9	41.4	5.1	1.1	0.0	28.7	28.7
Norway	423	8.8	8.8	51.0	27.9	10.9	1.5	0.0	5.2	12.1
Oman	1484	68.3	68.3	11.3	11.0	7.2	2.1	0.1	71.1	65.5
Poland	722	31.3	31.3	30.8	26.7	8.5	2.6	0.1	28.2	34.4
Portugal	574	47.6	47.6	19.2	25.6	6.7	0.9	0.0	44.5	50.9
Qatar	597	55.9	55.9	18.8	15.8	7.7	1.4	0.3	60.5	51.5
Romania	668	54.8	54.8	14.1	19.1	9.3	2.7	0.0	53.8	55.7
Russian Federation	639	60.9	60.9	15.5	18.3	4.8	0.4	0.0	61.3	60.6
Saudi Arabia	680	78.8	78.8	9.0	7.5	4.3	0.3	0.0	87.0	69.8
Serbia	620	68.6	68.6	19.5	3.0	6.2	2.1	0.5	71.5	66.0
Singapore	913	88.5	88.5	3.6	7.0	0.7	0.2	0.0	88.8	88.2
Slovak Republic	786	35.0	35.0	27.8	30.8	5.2	1.1	0.1	32.9	36.9
Slovenia	646	41.6	41.6	40.8	8.2	7.7	1.5	0.2	44.4	38.8
Spain	595	75.0	75.0	10.1	10.9	1.5	2.5	0.0	70.6	79.2
Sweden	680	13.9	13.9	30.8	48.3	4.3	2.7	0.0	14.8	12.9
Thailand	646	71.6	71.6	5.5	16.9	5.3	0.7	0.0	72.2	71.0
Tunisia	689	21.2	21.2	22.4	27.8	16.8	11.7	0.1	22.9	19.4
Turkey	1050	73.5	73.5	7.6	15.0	3.6	0.3	0.0	75.2	71.8
United Arab Emirates	2116	65.5	65.5	14.5	13.3	5.3	1.1	0.2	67.5	63.5
United States	1798	60.1	60.1	13.6	23.3	2.1	0.9	0.0	57.1	63.2
Yemen	1160	27.6	27.6	27.5	20.5	15.7	7.4	1.2	31.5	25.1
International Avg. (50)	37278	51.4	51.4	19.3	19.9	6.9	2.3	0.2	51.6	51.3
Botswana (6)	604	50.5	50.5	12.6	18.3	17.9	0.6	0.1	50.9	50.1
Honduras (6)	572	27.9	27.9	28.4	32.6	9.4	0.8	1.0	23.4	32.4
Yemen (6)	701	43.9	43.9	16.3	13.9	23.6	1.8	0.5	46.2	42.3
Alberta, Canada	517	42.1	42.1	19.9	34.0	2.9	1.2	0.0	36.9	46.0
Ontario, Canada	639	59.1	59.1	11.3	26.4	2.7	0.5	0.0	57.9	60.3
Quebec, Canada	603	24.4	24.4	35.7	35.7	2.5	1.7	0.0	22.9	25.7
Abu Dhabi, UAE	596	58.2	58.2	18.4	14.6	7.2	1.2	0.4	60.2	56.1
Dubai, UAE	888	69.9	69.9	11.1	15.6	1.9	1.2	0.3	67.3	72.3
Florida, US	391	64.3	64.3	9.3	22.1	3.1	1.1	0.0	58.2	71.7
North Carolina, US	265	45.5	45.5	18.7	30.8	2.2	2.7	0.0	42.4	49.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_03 (S041182): Life Science / Applying
Label: One thing to avoid flu - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	34.7	38.8	23.9	2.7	34.7	34.4	35.1
Australia	867	45.7	48.4	5.8	0.1	45.7	48.7	42.6
Austria	661	34.9	52.4	12.8	0.0	34.9	33.7	36.0
Azerbaijan	698	36.4	37.6	23.7	2.3	36.4	33.9	38.4
Bahrain	581	26.9	57.2	15.7	0.1	26.9	34.6	19.3
Belgium (Flemish)	700	23.9	73.1	2.9	0.0	23.9	18.9	29.4
Chile	806	52.5	38.7	8.4	0.4	52.5	53.3	51.6
Chinese Taipei	612	75.3	20.3	4.4	0.0	75.3	76.0	74.6
Croatia	656	43.5	49.0	7.3	0.2	43.5	41.6	45.4
Czech Republic	647	32.5	58.9	8.5	0.1	32.5	34.9	30.0
Denmark	556	44.1	47.6	8.2	0.2	44.1	46.7	41.5
England	490	46.0	47.8	6.2	0.0	46.0	45.8	46.2
Finland	655	61.3	34.7	4.1	0.0	61.3	64.1	58.1
Georgia	686	49.1	31.3	19.4	0.1	49.1	54.2	45.2
Germany	573	37.2	51.6	11.2	0.0	37.2	37.2	37.2
Hong Kong SAR	568	55.3	40.4	4.3	0.0	55.3	59.9	52.0
Hungary	745	38.7	57.4	3.8	0.1	38.7	40.4	37.3
Iran, Islamic Rep. of	818	48.1	40.9	10.4	0.5	48.1	51.4	45.2
Ireland	648	54.0	40.4	5.6	0.0	54.0	55.1	53.0
Italy	595	22.6	69.6	7.8	0.0	22.6	22.5	22.8
Japan	637	92.8	6.9	0.3	0.0	92.8	93.9	91.7
Kazakhstan	626	66.3	23.5	10.3	0.0	66.3	69.1	63.9
Korea, Rep. of	615	78.0	20.8	1.2	0.0	78.0	78.8	77.3
Kuwait	588	9.1	47.0	43.3	0.6	9.1	10.1	7.9
Lithuania	678	52.7	41.1	6.2	0.0	52.7	55.4	50.4
Malta	507	18.5	70.4	11.1	0.0	18.5	21.4	15.8
Morocco	1105	0.5	42.7	56.0	0.9	0.5	0.5	0.5
Netherlands	452	41.2	55.6	3.3	0.0	41.2	41.8	40.5
New Zealand	792	40.0	54.3	5.6	0.0	40.0	40.8	39.4
Northern Ireland	512	39.6	54.8	5.6	0.0	39.6	40.6	38.7
Norway	423	48.4	46.4	5.2	0.0	48.4	51.4	45.6
Oman	1485	19.8	52.9	27.1	0.2	19.8	23.3	16.3
Poland	722	31.5	57.2	11.2	0.1	31.5	29.7	33.1
Portugal	574	56.8	41.3	1.9	0.0	56.8	58.7	54.7
Qatar	597	17.4	61.2	21.1	0.3	17.4	20.7	14.1
Romania	670	38.4	50.7	10.9	0.0	38.4	42.9	34.3
Russian Federation	639	77.2	19.2	3.6	0.0	77.2	78.4	76.3
Saudi Arabia	681	29.1	56.3	14.6	0.0	29.1	35.7	21.9
Serbia	620	41.6	49.3	8.6	0.5	41.6	41.5	41.6
Singapore	913	66.5	32.2	1.3	0.0	66.5	70.2	62.9
Slovak Republic	786	34.9	57.8	7.2	0.1	34.9	36.5	33.5
Slovenia	647	37.9	51.2	10.7	0.2	37.9	43.4	32.2
Spain	595	43.5	48.0	8.6	0.0	43.5	39.7	47.1
Sweden	680	43.4	50.7	5.9	0.0	43.4	49.6	37.5
Thailand	646	46.6	42.0	11.4	0.0	46.6	48.4	45.0
Tunisia	701	17.7	64.7	17.5	0.1	17.7	18.9	16.4
Turkey	1050	35.5	58.9	5.6	0.0	35.5	37.9	33.2
United Arab Emirates	2116	24.7	52.0	23.1	0.2	24.7	26.2	23.2
United States	1798	60.7	37.2	2.1	0.0	60.7	61.9	59.5
Yemen	1160	2.9	37.7	58.1	1.3	2.9	4.3	2.0
International Avg. (50)	37300	41.5	46.4	11.9	0.2	41.5	43.2	40.0
Botswana (6)	604	30.0	61.7	8.3	0.1	30.0	33.8	25.8
Honduras (6)	572	41.7	48.7	8.6	1.0	41.7	43.1	40.3
Yemen (6)	701	12.4	55.5	31.5	0.6	12.4	16.6	9.4
Alberta, Canada	517	52.2	44.4	3.4	0.0	52.2	57.1	48.5
Ontario, Canada	639	52.3	44.6	3.1	0.0	52.3	53.7	50.9
Quebec, Canada	603	55.2	41.5	3.4	0.0	55.2	60.4	50.4
Abu Dhabi, UAE	596	22.5	54.0	23.1	0.4	22.5	24.9	19.8
Dubai, UAE	888	30.1	51.5	18.2	0.3	30.1	31.6	28.7
Florida, US	391	56.8	40.5	2.7	0.0	56.8	55.2	58.7
North Carolina, US	265	58.1	39.5	2.4	0.0	58.1	58.5	57.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_04 (S041180): Life Science / Applying

Label: Correct predator-prey relationship - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	33.7	14.9	17.0	33.7	23.8	7.6	2.9	31.2	35.9
Australia	867	57.0	9.4	13.7	57.0	18.3	1.5	0.2	53.0	61.1
Austria	661	65.7	7.8	10.6	65.7	12.6	3.3	0.0	62.7	68.5
Azerbaijan	698	42.1	12.6	10.8	42.1	21.1	11.1	2.4	41.9	42.1
Bahrain	581	48.0	10.6	13.3	48.0	25.2	2.5	0.3	46.7	49.3
Belgium (Flemish)	700	60.7	5.3	21.1	60.7	12.2	0.7	0.0	57.2	64.5
Chile	806	59.6	6.8	13.3	59.6	17.8	2.2	0.4	54.3	65.2
Chinese Taipei	612	74.1	3.7	10.3	74.1	11.3	0.6	0.0	68.4	79.2
Croatia	656	67.4	7.2	8.6	67.4	14.4	2.3	0.2	64.6	70.0
Czech Republic	647	81.1	4.9	6.4	81.1	6.6	1.0	0.1	79.7	82.6
Denmark	556	49.4	12.8	11.2	49.4	21.9	4.5	0.2	46.8	52.0
England	490	61.8	11.3	11.1	61.8	14.3	1.5	0.0	58.8	64.9
Finland	655	74.5	6.6	9.3	74.5	8.3	1.2	0.0	71.7	77.7
Georgia	686	36.6	9.3	16.1	36.6	31.9	6.0	0.1	37.3	36.1
Germany	573	71.5	8.1	7.2	71.5	11.1	2.1	0.0	66.8	76.2
Hong Kong SAR	568	75.0	5.6	9.1	75.0	9.7	0.6	0.0	72.4	77.0
Hungary	745	68.8	5.3	9.3	68.8	14.2	2.4	0.1	70.4	67.4
Iran, Islamic Rep. of	818	38.3	10.8	11.8	38.3	35.7	2.8	0.5	34.5	41.7
Ireland	648	52.6	14.7	10.3	52.6	21.3	1.1	0.0	49.1	55.6
Italy	595	73.3	5.2	6.3	73.3	13.3	1.8	0.0	75.4	71.2
Japan	637	77.4	7.0	9.7	77.4	4.1	1.9	0.0	76.6	78.2
Kazakhstan	626	48.0	10.9	11.8	48.0	26.8	2.6	0.0	47.9	48.0
Korea, Rep. of	615	87.0	2.5	6.5	87.0	4.0	0.0	0.0	84.7	89.0
Kuwait	576	31.6	13.6	16.7	31.6	21.5	16.4	0.2	30.2	33.2
Lithuania	678	71.2	6.5	9.3	71.2	12.0	1.0	0.0	67.5	74.3
Malta	507	38.0	14.8	18.9	38.0	22.5	5.8	0.0	35.4	40.4
Morocco	1104	27.1	19.7	15.6	27.1	23.2	13.5	0.8	25.4	28.5
Netherlands	452	71.1	7.4	11.8	71.1	8.4	1.2	0.0	68.2	74.2
New Zealand	792	51.0	9.9	12.9	51.0	24.7	1.6	0.0	50.0	51.9
Northern Ireland	512	52.0	10.8	15.6	52.0	19.2	2.3	0.0	49.4	54.3
Norway	423	31.0	12.9	16.2	31.0	36.4	3.5	0.0	27.3	34.5
Oman	1485	39.4	13.7	15.1	39.4	28.0	3.4	0.3	36.7	42.2
Poland	722	65.6	8.3	13.7	65.6	9.7	2.6	0.1	65.6	65.5
Portugal	574	66.6	6.0	15.2	66.6	12.0	0.3	0.0	60.9	72.7
Qatar	597	37.8	13.4	20.9	37.8	23.1	4.3	0.5	38.5	37.1
Romania	667	60.5	8.1	8.7	60.5	16.5	5.5	0.7	57.8	63.0
Russian Federation	639	83.1	5.0	4.0	83.1	7.0	0.9	0.0	85.8	81.0
Saudi Arabia	680	46.5	11.3	17.9	46.5	23.3	1.0	0.0	47.1	45.8
Serbia	620	66.4	7.5	11.8	66.4	11.4	2.3	0.5	63.8	68.8
Singapore	913	64.1	11.0	10.1	64.1	14.3	0.4	0.0	60.9	67.2
Slovak Republic	786	66.0	8.6	10.0	66.0	13.7	1.6	0.1	62.4	69.2
Slovenia	642	59.9	8.2	13.3	59.9	16.5	2.0	0.2	60.9	58.8
Spain	595	60.1	7.0	11.3	60.1	16.0	5.6	0.0	59.4	60.9
Sweden	680	62.3	10.4	9.5	62.3	14.7	3.0	0.0	60.4	64.3
Thailand	646	68.1	7.4	12.5	68.1	12.0	0.1	0.0	67.8	68.3
Tunisia	669	41.5	8.6	15.4	41.5	14.8	19.1	0.6	39.2	43.8
Turkey	1050	50.3	11.2	15.6	50.3	22.1	0.8	0.0	53.0	47.7
United Arab Emirates	2116	41.2	13.3	16.6	41.2	25.3	3.3	0.3	38.9	43.6
United States	1798	66.4	9.3	10.5	66.4	13.0	0.7	0.1	60.8	72.2
Yemen	1161	26.0	20.5	20.3	26.0	18.0	13.8	1.5	23.4	27.7
International Avg. (50)	37247	57.0	9.6	12.5	57.0	17.2	3.5	0.3	55.0	58.9
Botswana (6)	599	30.4	15.9	31.5	30.4	21.9	0.2	0.1	30.5	30.2
Honduras (6)	572	33.6	13.2	19.8	33.6	29.4	2.4	1.5	31.8	35.4
Yemen (6)	701	35.4	14.4	18.5	35.4	23.8	7.3	0.6	32.3	37.6
Alberta, Canada	517	63.5	5.6	13.1	63.5	17.3	0.5	0.0	65.1	62.3
Ontario, Canada	639	58.1	10.7	13.6	58.1	16.2	1.3	0.1	50.4	65.7
Quebec, Canada	603	65.3	7.5	9.7	65.3	16.2	1.4	0.0	61.9	68.4
Abu Dhabi, UAE	596	40.6	14.3	17.9	40.6	24.4	2.4	0.4	40.8	40.4
Dubai, UAE	888	46.8	11.8	15.2	46.8	21.8	4.0	0.5	41.5	51.5
Florida, US	391	68.1	8.1	12.5	68.1	11.2	0.0	0.0	62.4	75.2
North Carolina, US	265	69.6	5.5	8.8	69.6	14.6	1.5	0.0	64.6	75.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S06_05 (S041187): Physical Science / Knowing
Label: Describes condensation - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	26.1	20.6	17.4	10.4	26.1	21.3	4.3	24.8	27.5
Australia	867	31.7	24.2	26.2	15.9	31.7	1.8	0.2	31.6	31.8
Austria	661	17.7	32.5	24.3	14.6	17.7	11.0	0.0	16.1	19.2
Azerbaijan	698	32.2	22.6	11.9	12.0	32.2	18.9	2.5	30.7	33.5
Bahrain	581	33.6	20.9	23.7	19.6	33.6	1.6	0.7	31.8	35.5
Belgium (Flemish)	700	22.4	21.9	29.1	24.9	22.4	1.7	0.0	22.1	22.8
Chile	806	28.2	24.7	26.1	17.0	28.2	3.5	0.6	24.5	32.1
Chinese Taipei	612	11.5	77.9	6.4	3.9	11.5	0.3	0.0	8.9	13.9
Croatia	656	18.2	28.7	25.2	14.4	18.2	13.3	0.2	15.2	21.1
Czech Republic	647	31.2	20.4	39.8	4.1	31.2	4.4	0.1	27.8	34.7
Denmark	556	22.8	30.0	17.3	17.8	22.8	11.7	0.3	22.6	23.1
England	490	41.7	15.5	23.1	15.9	41.7	3.8	0.0	36.9	46.5
Finland	655	20.0	62.4	9.6	6.0	20.0	2.0	0.0	19.1	21.0
Georgia	686	25.4	24.0	22.1	17.0	25.4	11.3	0.2	27.4	23.7
Germany	573	21.0	29.0	21.1	20.0	21.0	8.8	0.0	18.3	23.6
Hong Kong SAR	.	.	.	.	.	.	.	.	.	.
Hungary	745	29.7	20.2	32.4	15.6	29.7	2.0	0.1	24.8	34.0
Iran, Islamic Rep. of	.	.	.	.	.	.	.	.	.	.
Ireland	648	30.6	22.5	26.6	18.6	30.6	1.6	0.0	35.7	26.2
Italy	595	26.9	30.9	23.0	13.2	26.9	6.0	0.0	21.7	32.2
Japan	637	15.9	45.7	21.5	15.6	15.9	1.2	0.0	14.0	17.7
Kazakhstan	626	32.3	29.6	18.2	13.1	32.3	6.5	0.4	34.2	30.7
Korea, Rep. of	615	41.2	29.5	16.9	12.3	41.2	0.2	0.0	36.9	45.0
Kuwait	583	38.9	20.7	19.7	15.1	38.9	5.4	0.2	41.5	35.8
Lithuania	678	39.8	25.9	20.0	7.9	39.8	6.4	0.0	36.3	42.8
Malta	507	29.3	25.0	25.7	17.8	29.3	2.2	0.0	28.9	29.7
Morocco	1104	23.7	20.4	26.4	15.6	23.7	13.0	0.8	22.0	25.3
Netherlands	452	26.2	22.0	28.6	18.6	26.2	4.6	0.0	26.6	25.8
New Zealand	792	32.7	21.6	22.9	20.2	32.7	2.6	0.0	30.6	34.5
Northern Ireland	512	30.3	23.9	30.3	14.3	30.3	1.2	0.0	25.5	34.2
Norway	423	18.6	21.1	23.7	29.4	18.6	7.2	0.0	20.6	16.7
Oman	1485	28.8	22.1	24.0	21.1	28.8	3.6	0.4	26.9	30.8
Poland	722	36.1	17.9	29.7	10.2	36.1	6.0	0.1	35.9	36.2
Portugal	574	37.8	22.2	25.8	12.6	37.8	1.6	0.0	34.7	41.2
Qatar	597	32.1	23.8	26.0	14.8	32.1	2.6	0.7	36.0	28.4
Romania	667	27.2	26.0	25.5	16.3	27.2	4.0	1.1	24.7	29.5
Russian Federation	639	32.7	25.8	23.9	13.7	32.7	3.9	0.0	30.7	34.2
Saudi Arabia	680	28.8	26.3	26.0	17.3	28.8	1.6	0.0	25.9	31.8
Serbia	620	28.5	25.0	24.2	16.1	28.5	5.7	0.5	27.6	29.3
Singapore	913	35.0	19.0	32.8	12.6	35.0	0.6	0.0	33.3	36.7
Slovak Republic	786	25.2	15.5	51.5	5.8	25.2	1.9	0.1	27.3	23.3
Slovenia	645	22.8	28.3	26.5	10.5	22.8	11.5	0.3	19.1	26.6
Spain	595	20.1	29.4	28.4	18.4	20.1	3.7	0.1	19.8	20.3
Sweden	680	28.1	26.5	24.9	14.6	28.1	5.8	0.0	27.6	28.7
Thailand	646	15.8	26.5	39.5	16.9	15.8	1.3	0.0	16.6	15.1
Tunisia	678	17.7	16.8	29.5	19.0	17.7	16.2	0.7	14.6	20.8
Turkey	1050	23.6	24.5	31.1	20.2	23.6	0.6	0.0	23.3	23.9
United Arab Emirates	2116	40.9	21.1	23.2	12.4	40.9	2.1	0.3	39.9	41.8
United States	1798	32.1	26.1	24.9	15.3	32.1	1.5	0.1	28.5	35.9
Yemen	1160	27.2	17.5	25.5	20.4	27.2	7.9	1.5	28.6	26.3
International Avg. (48)	35879	27.9	26.1	25.0	15.2	27.9	5.4	0.3	26.6	29.2
Botswana (6)	599	25.0	19.8	30.1	24.8	25.0	0.2	0.1	23.6	26.5
Honduras (6)	572	21.6	22.7	28.1	20.7	21.6	5.4	1.5	21.4	21.9
Yemen (6)	701	23.9	20.8	34.8	16.4	23.9	3.4	0.6	27.8	21.3
Alberta, Canada	517	22.5	33.4	25.9	16.4	22.5	1.7	0.2	24.3	21.0
Ontario, Canada	639	22.6	32.6	30.0	12.4	22.6	2.3	0.1	21.4	23.8
Quebec, Canada	603	35.3	23.4	20.4	18.9	35.3	1.8	0.2	34.5	35.9
Abu Dhabi, UAE	596	37.0	20.9	27.4	13.3	37.0	1.0	0.4	36.5	37.5
Dubai, UAE	888	42.2	22.4	19.9	12.6	42.2	2.5	0.5	36.5	47.3
Florida, US	391	33.4	26.8	27.7	11.4	33.4	0.7	0.0	28.1	39.9
North Carolina, US	265	30.4	29.9	28.0	9.8	30.4	1.9	0.0	32.0	28.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_06A (S041013A): Life Science / Applying
Label: Use of tiger canines - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	23.4	2.9	46.0	22.5	5.3	23.4	19.3	27.4
Australia	867	39.7	4.5	53.6	2.0	0.2	39.7	37.8	41.6
Austria	661	44.8	6.6	42.3	6.3	0.0	44.8	42.3	47.2
Azerbaijan	698	26.4	13.9	28.6	28.6	2.7	26.4	23.9	28.4
Bahrain	581	19.5	11.7	61.9	6.2	0.7	19.5	19.6	19.4
Belgium (Flemish)	700	42.0	6.1	50.7	1.2	0.0	42.0	34.1	50.5
Chile	806	23.7	6.6	64.9	4.1	0.7	23.7	19.8	27.8
Chinese Taipei	612	16.2	19.6	61.2	3.1	0.0	16.2	15.1	17.2
Croatia	656	28.3	4.1	60.3	7.2	0.2	28.3	23.5	32.9
Czech Republic	647	42.6	8.3	46.1	2.9	0.1	42.6	42.5	42.7
Denmark	556	62.3	5.2	27.9	4.0	0.7	62.3	62.7	61.9
England	490	47.8	6.8	42.5	2.9	0.0	47.8	48.0	47.5
Finland	655	39.7	3.8	52.3	4.2	0.0	39.7	37.6	41.9
Georgia	686	18.0	6.0	62.9	12.8	0.3	18.0	15.9	19.6
Germany	573	42.0	7.3	44.3	6.3	0.0	42.0	35.5	48.5
Hong Kong SAR	568	18.4	2.6	76.8	2.3	0.0	18.4	15.4	20.6
Hungary	745	50.3	3.6	43.3	2.7	0.1	50.3	44.1	55.7
Iran, Islamic Rep. of	818	19.5	4.5	66.8	8.8	0.5	19.5	17.1	21.6
Ireland	648	50.2	7.1	39.2	3.5	0.0	50.2	47.5	52.7
Italy	595	47.2	6.6	42.0	4.2	0.0	47.2	44.5	49.9
Japan	637	23.1	16.0	59.5	1.3	0.0	23.1	21.0	25.1
Kazakhstan	626	54.9	8.8	30.7	5.1	0.5	54.9	49.2	59.8
Korea, Rep. of	615	23.5	4.4	71.6	0.5	0.0	23.5	22.6	24.3
Kuwait	589	5.9	1.0	68.6	24.0	0.6	5.9	4.5	7.5
Lithuania	678	32.6	2.5	62.2	2.8	0.0	32.6	24.5	39.4
Malta	507	24.4	3.5	64.0	8.1	0.0	24.4	25.3	23.5
Morocco	1104	3.1	0.0	56.6	39.3	0.9	3.1	3.5	2.8
Netherlands	452	37.9	10.4	51.0	0.7	0.0	37.9	35.9	39.9
New Zealand	792	36.4	4.6	55.3	3.5	0.2	36.4	34.9	37.8
Northern Ireland	512	44.1	4.2	49.9	1.8	0.0	44.1	43.8	44.4
Norway	423	36.8	6.8	51.1	5.2	0.1	36.8	32.0	41.2
Oman	1485	13.0	0.6	69.4	16.5	0.5	13.0	12.6	13.4
Poland	722	35.0	1.2	57.8	5.9	0.1	35.0	30.3	39.6
Portugal	574	23.3	4.4	70.1	2.2	0.0	23.3	17.9	29.3
Qatar	597	16.5	3.1	68.7	11.0	0.7	16.5	18.9	14.3
Romania	670	36.9	7.5	48.3	6.2	1.1	36.9	34.3	39.3
Russian Federation	639	51.2	8.2	39.0	1.6	0.0	51.2	49.8	52.3
Saudi Arabia	681	19.0	2.3	67.6	11.1	0.0	19.0	21.1	16.7
Serbia	620	26.3	3.1	64.7	5.2	0.6	26.3	22.5	29.7
Singapore	913	36.8	9.5	53.3	0.4	0.0	36.8	35.4	38.2
Slovak Republic	786	39.6	3.8	51.3	5.2	0.1	39.6	36.1	42.6
Slovenia	647	47.2	5.4	40.7	6.0	0.5	47.2	48.7	45.8
Spain	595	26.8	5.1	64.0	4.1	0.1	26.8	24.9	28.5
Sweden	680	44.6	7.4	42.8	5.3	0.0	44.6	40.4	48.5
Thailand	646	15.0	5.6	70.6	8.8	0.0	15.0	14.6	15.3
Tunisia	701	30.3	2.7	53.8	12.1	1.2	30.3	31.7	28.9
Turkey	1050	15.8	38.6	40.7	4.8	0.0	15.8	14.4	17.2
United Arab Emirates	2116	21.9	4.2	63.6	9.9	0.4	21.9	20.6	23.3
United States	1798	38.3	5.6	54.0	1.9	0.1	38.3	35.8	40.9
Yemen	1159	4.6	2.7	60.1	30.9	1.7	4.6	4.5	4.6
International Avg. (50)	37299	31.3	6.4	54.3	7.5	0.4	31.3	29.2	33.4
Botswana (6)	599	26.2	5.2	64.7	3.7	0.1	26.2	24.3	28.2
Honduras (6)	572	9.2	5.8	79.0	4.2	1.7	9.2	8.5	10.0
Yemen (6)	701	8.9	2.9	75.3	12.3	0.6	8.9	6.8	10.4
Alberta, Canada	517	43.6	4.7	50.4	1.1	0.2	43.6	43.1	44.0
Ontario, Canada	639	37.2	5.0	55.8	2.0	0.1	37.2	32.8	41.5
Quebec, Canada	603	22.3	3.2	68.2	6.0	0.2	22.3	20.3	24.1
Abu Dhabi, UAE	596	16.6	3.7	69.0	10.0	0.6	16.6	17.9	15.2
Dubai, UAE	888	32.4	5.4	54.1	7.6	0.5	32.4	28.9	35.6
Florida, US	391	37.1	5.5	55.4	2.0	0.0	37.1	36.7	37.7
North Carolina, US	265	39.5	5.7	52.8	2.0	0.0	39.5	38.7	40.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_06B (S041013B): Life Science / Applying
Label: Use of rat incisors - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	21.0	9.4	34.6	28.2	6.8	21.0	20.1	22.0
Australia	867	15.4	9.8	72.4	2.2	0.2	15.4	14.4	16.4
Austria	661	24.5	40.3	24.1	11.1	0.0	24.5	26.1	22.8
Azerbaijan	698	13.8	21.4	27.6	33.8	3.4	13.8	16.6	11.5
Bahrain	581	16.9	21.7	51.7	8.8	0.9	16.9	16.7	17.1
Belgium (Flemish)	700	15.2	22.3	60.9	1.6	0.0	15.2	14.0	16.4
Chile	806	19.2	13.2	61.7	4.9	0.9	19.2	19.0	19.5
Chinese Taipei	612	33.1	3.2	59.4	4.3	0.0	33.1	29.9	35.8
Croatia	656	18.5	18.1	53.4	9.8	0.2	18.5	17.4	19.5
Czech Republic	647	27.4	18.5	47.9	6.0	0.1	27.4	29.0	25.8
Denmark	556	51.9	5.2	36.9	5.2	0.7	51.9	50.5	53.3
England	490	19.1	21.4	53.7	5.4	0.3	19.1	18.4	19.8
Finland	655	54.0	6.2	34.5	5.4	0.0	54.0	54.5	53.4
Georgia	686	20.3	15.6	50.2	13.5	0.4	20.3	16.7	23.2
Germany	573	17.6	19.4	53.1	9.9	0.0	17.6	16.2	19.1
Hong Kong SAR	568	2.4	9.6	85.6	2.5	0.0	2.4	4.0	1.2
Hungary	745	29.5	22.8	42.2	5.4	0.1	29.5	27.8	30.9
Iran, Islamic Rep. of	818	16.9	6.5	65.0	11.0	0.5	16.9	16.8	16.9
Ireland	648	20.6	10.7	64.6	4.1	0.0	20.6	17.7	23.2
Italy	595	29.4	17.0	46.4	7.2	0.0	29.4	28.8	30.0
Japan	637	41.5	22.0	34.8	1.7	0.0	41.5	39.7	43.2
Kazakhstan	626	39.7	11.2	34.5	14.1	0.5	39.7	38.0	41.2
Korea, Rep. of	615	33.0	15.1	51.0	1.0	0.0	33.0	35.9	30.5
Kuwait	589	1.0	7.9	61.7	28.6	0.8	1.0	0.8	1.2
Lithuania	678	45.2	10.7	40.0	4.1	0.0	45.2	44.0	46.3
Malta	507	11.8	7.3	69.8	11.1	0.0	11.8	13.1	10.6
Morocco	1104	0.5	0.2	52.1	46.1	1.1	0.5	0.7	0.4
Netherlands	452	21.2	34.8	41.7	2.3	0.0	21.2	20.2	22.3
New Zealand	792	15.5	12.0	68.6	3.7	0.2	15.5	13.7	17.2
Northern Ireland	512	22.5	10.0	64.3	3.2	0.0	22.5	21.8	23.1
Norway	423	42.5	8.8	42.4	6.2	0.1	42.5	42.7	42.4
Oman	1485	3.9	6.2	69.9	19.3	0.7	3.9	4.4	3.4
Poland	722	20.4	5.0	64.9	9.6	0.1	20.4	21.8	19.1
Portugal	574	39.2	5.7	52.5	2.6	0.0	39.2	36.2	42.5
Qatar	597	3.8	11.3	70.6	13.0	1.2	3.8	3.8	3.9
Romania	670	34.5	23.8	32.0	8.4	1.3	34.5	33.2	35.6
Russian Federation	639	38.0	12.7	44.4	5.0	0.0	38.0	39.7	36.6
Saudi Arabia	681	2.0	19.1	64.8	13.9	0.2	2.0	3.1	0.9
Serbia	620	29.6	11.4	48.9	9.3	0.9	29.6	29.2	29.9
Singapore	913	13.3	23.8	61.7	1.2	0.0	13.3	14.6	12.1
Slovak Republic	786	21.2	11.0	59.1	8.7	0.1	21.2	20.0	22.2
Slovenia	647	25.5	22.9	43.6	7.2	0.8	25.5	27.8	23.2
Spain	595	17.6	10.9	63.5	7.9	0.1	17.6	16.9	18.2
Sweden	680	47.9	6.5	40.5	5.0	0.2	47.9	49.1	46.8
Thailand	646	47.3	4.6	37.3	10.8	0.0	47.3	52.1	43.2
Tunisia	701	14.3	17.4	44.9	21.9	1.5	14.3	16.5	12.2
Turkey	1050	18.7	47.0	28.9	5.4	0.0	18.7	17.3	20.1
United Arab Emirates	2116	4.0	13.8	67.6	14.3	0.4	4.0	4.5	3.4
United States	1798	12.8	18.7	65.8	2.6	0.1	12.8	12.8	12.8
Yemen	1160	0.1	8.2	49.7	39.4	2.6	0.1	0.0	0.1
International Avg. (50)	37300	22.7	14.6	51.9	10.2	0.5	22.7	22.6	22.8
Botswana (6)	599	5.0	30.6	60.2	4.0	0.1	5.0	6.3	3.7
Honduras (6)	572	2.9	8.5	77.4	8.8	2.3	2.9	1.2	4.7
Yemen (6)	701	0.7	9.8	67.5	21.4	0.6	0.7	0.8	0.6
Alberta, Canada	517	15.4	28.3	54.5	1.7	0.2	15.4	17.8	13.5
Ontario, Canada	639	11.9	21.0	64.7	2.3	0.1	11.9	9.8	14.0
Quebec, Canada	603	15.1	16.8	60.6	7.3	0.2	15.1	15.1	15.1
Abu Dhabi, UAE	596	2.9	12.8	69.6	14.1	0.6	2.9	3.4	2.3
Dubai, UAE	888	5.8	14.9	68.1	10.7	0.6	5.8	7.5	4.3
Florida, US	391	13.2	17.2	67.1	2.5	0.0	13.2	13.5	12.8
North Carolina, US	265	13.2	17.6	66.8	2.4	0.0	13.2	11.9	14.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_07 (S041067): Physical Science / Knowing
Label: Type of energy that runs objects - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	43.3	26.6	23.1	7.0	43.3	40.3	46.3
Australia	867	61.7	32.3	5.8	0.2	61.7	57.0	66.8
Austria	661	68.1	26.4	5.5	0.0	68.1	68.4	67.8
Azerbaijan	698	48.1	23.3	25.0	3.6	48.1	48.7	47.6
Bahrain	581	54.8	40.3	4.0	0.9	54.8	56.5	53.1
Belgium (Flemish)	700	75.0	23.1	1.9	0.0	75.0	74.9	75.1
Chile	806	51.6	38.2	9.2	0.9	51.6	44.6	59.1
Chinese Taipei	612	76.1	21.0	2.9	0.0	76.1	73.7	78.2
Croatia	656	64.5	31.7	3.7	0.2	64.5	60.7	68.0
Czech Republic	647	60.0	33.7	6.1	0.1	60.0	55.5	64.7
Denmark	556	67.0	26.4	5.9	0.7	67.0	60.9	73.0
England	490	78.2	18.6	2.6	0.6	78.2	76.8	79.7
Finland	655	84.6	12.0	3.3	0.0	84.6	85.9	83.3
Georgia	686	59.1	28.1	12.3	0.4	59.1	60.2	58.2
Germany	573	62.0	28.5	9.5	0.0	62.0	59.9	64.0
Hong Kong SAR	568	64.2	33.4	2.4	0.0	64.2	61.0	66.5
Hungary	745	74.9	20.1	4.9	0.1	74.9	77.3	72.9
Iran, Islamic Rep. of	818	44.8	49.5	5.2	0.5	44.8	39.7	49.4
Ireland	648	62.4	33.4	4.1	0.1	62.4	65.7	59.5
Italy	595	58.0	31.5	10.5	0.0	58.0	52.7	63.3
Japan	637	84.6	13.0	2.4	0.0	84.6	81.5	87.5
Kazakhstan	626	63.2	25.5	10.5	0.8	63.2	61.9	64.3
Korea, Rep. of	615	83.3	16.2	0.5	0.0	83.3	82.4	84.2
Kuwait	588	21.3	65.7	12.0	1.1	21.3	23.6	18.5
Lithuania	678	76.1	19.6	4.3	0.0	76.1	70.4	80.9
Malta	507	38.1	51.6	10.3	0.0	38.1	37.7	38.5
Morocco	1105	15.9	49.3	33.2	1.7	15.9	14.5	17.1
Netherlands	452	73.0	25.7	1.3	0.0	73.0	71.3	74.8
New Zealand	792	43.4	52.5	3.9	0.2	43.4	42.7	44.0
Northern Ireland	512	79.7	16.4	3.9	0.0	79.7	76.3	82.5
Norway	423	55.2	34.6	10.1	0.1	55.2	50.9	59.1
Oman	1485	19.6	65.0	14.7	0.7	19.6	18.2	21.0
Poland	722	68.2	19.9	11.8	0.1	68.2	68.7	67.8
Portugal	574	73.5	23.2	3.1	0.1	73.5	70.0	77.3
Qatar	597	31.7	58.2	8.6	1.4	31.7	33.3	30.3
Romania	670	74.2	18.3	6.2	1.3	74.2	71.6	76.6
Russian Federation	639	78.2	19.4	2.3	0.0	78.2	75.9	80.0
Saudi Arabia	681	50.6	34.9	14.2	0.3	50.6	58.6	41.9
Serbia	620	63.5	32.6	2.9	0.9	63.5	63.7	63.4
Singapore	913	61.8	37.2	1.0	0.0	61.8	62.8	60.8
Slovak Republic	786	59.9	35.1	4.9	0.1	59.9	56.1	63.2
Slovenia	647	63.2	28.4	7.6	0.8	63.2	69.2	57.1
Spain	595	69.1	26.9	3.9	0.1	69.1	65.3	72.8
Sweden	680	67.2	29.1	3.5	0.2	67.2	61.1	73.1
Thailand	646	71.7	20.1	8.1	0.2	71.7	77.2	67.0
Tunisia	701	45.2	41.1	12.0	1.6	45.2	46.7	43.9
Turkey	1050	61.2	33.4	5.4	0.0	61.2	62.6	60.0
United Arab Emirates	2116	40.3	49.7	9.5	0.4	40.3	39.4	41.3
United States	1798	61.3	36.4	2.1	0.1	61.3	59.2	63.5
Yemen	1160	12.5	56.7	28.2	2.6	12.5	15.0	10.8
International Avg. (50)	37300	59.3	32.3	7.8	0.6	59.3	58.2	60.4
Botswana (6)	599	33.6	59.8	6.4	0.1	33.6	33.0	34.4
Honduras (6)	572	55.2	32.8	9.5	2.4	55.2	54.1	56.4
Yemen (6)	701	35.1	56.6	7.3	1.0	35.1	39.4	32.2
Alberta, Canada	517	60.0	38.1	1.5	0.4	60.0	61.8	58.6
Ontario, Canada	639	60.0	35.9	3.9	0.2	60.0	61.3	58.7
Quebec, Canada	603	72.6	24.8	2.4	0.2	72.6	70.8	74.2
Abu Dhabi, UAE	596	39.2	51.1	9.0	0.6	39.2	40.3	38.1
Dubai, UAE	888	43.6	47.0	8.9	0.6	43.6	38.0	48.6
Florida, US	391	62.7	34.4	2.9	0.0	62.7	62.4	63.1
North Carolina, US	265	60.0	36.7	3.3	0.0	60.0	58.8	61.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_08 (S041305): Physical Science / Reasoning
Label: A balance and four cubes - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	30.5	30.5	23.6	11.0	9.1	18.6	7.3	27.7	32.8
Australia	867	50.1	50.1	28.1	9.8	9.5	2.4	0.2	51.1	49.0
Austria	661	46.1	46.1	32.4	9.5	8.7	3.3	0.0	41.2	50.9
Azerbaijan	698	35.3	35.3	20.7	9.5	9.7	20.9	3.8	35.2	35.4
Bahrain	580	39.8	39.8	29.0	13.1	15.7	1.5	0.9	38.5	41.1
Belgium (Flemish)	700	48.9	48.9	27.3	10.5	12.4	0.7	0.1	45.5	52.6
Chile	806	36.2	36.2	35.5	12.1	13.2	1.9	1.0	33.1	39.4
Chinese Taipei	612	70.3	70.3	18.6	4.4	6.4	0.3	0.0	70.7	69.9
Croatia	656	45.0	45.0	31.7	7.9	12.4	2.6	0.3	41.6	48.2
Czech Republic	647	39.3	39.3	32.6	7.8	16.2	3.9	0.1	35.3	43.5
Denmark	556	44.0	44.0	31.4	6.1	9.3	8.5	0.7	46.0	42.0
England	490	48.0	48.0	25.3	10.2	14.6	1.2	0.6	50.6	45.3
Finland	655	52.7	52.7	26.1	10.6	9.5	1.0	0.0	50.1	55.7
Georgia	686	31.0	31.0	26.4	16.9	16.0	8.9	0.8	33.8	28.8
Germany	573	48.5	48.5	30.4	9.5	8.3	3.3	0.0	45.6	51.4
Hong Kong SAR	568	68.4	68.4	19.9	5.6	5.2	0.8	0.0	62.0	73.1
Hungary	744	40.4	40.4	32.4	11.2	12.7	3.2	0.1	39.6	41.1
Iran, Islamic Rep. of	818	35.6	35.6	30.0	14.6	15.1	4.1	0.5	31.4	39.3
Ireland	648	53.9	53.9	25.3	9.5	9.6	1.4	0.2	48.5	58.7
Italy	595	44.8	44.8	30.7	8.3	12.8	3.3	0.0	44.3	45.3
Japan	637	65.9	65.9	18.6	6.9	5.2	3.5	0.0	63.0	68.6
Kazakhstan	626	48.8	48.8	28.0	11.1	9.1	1.9	1.2	46.3	50.9
Korea, Rep. of	615	70.0	70.0	16.9	6.2	6.5	0.5	0.0	68.9	70.9
Kuwait	583	26.8	26.8	34.5	16.0	15.3	6.7	0.6	24.8	29.3
Lithuania	678	46.9	46.9	28.3	10.2	12.0	2.6	0.0	46.0	47.7
Malta	507	43.3	43.3	29.3	11.4	12.9	3.1	0.0	42.3	44.3
Morocco	1105	22.9	22.9	31.8	18.3	11.3	13.8	1.8	20.8	24.8
Netherlands	452	52.4	52.4	29.9	7.6	9.6	0.4	0.0	46.9	58.1
New Zealand	792	46.9	46.9	29.3	10.8	10.9	1.6	0.4	49.0	45.0
Northern Ireland	512	49.5	49.5	25.9	10.7	11.5	2.1	0.2	50.9	48.3
Norway	423	50.0	50.0	30.2	8.1	9.6	2.0	0.1	50.9	49.1
Oman	1485	30.8	30.8	33.8	14.5	16.4	3.5	0.9	29.9	31.8
Poland	722	32.9	32.9	41.9	8.1	11.6	5.4	0.1	31.2	34.6
Portugal	574	57.0	57.0	29.8	5.9	6.6	0.6	0.1	53.2	61.1
Qatar	597	38.7	38.7	28.0	14.3	15.0	2.6	1.4	43.9	33.8
Romania	666	44.3	44.3	32.2	10.1	7.8	4.0	1.6	47.4	41.6
Russian Federation	639	49.0	49.0	33.4	7.1	8.9	1.6	0.0	46.4	51.1
Saudi Arabia	678	34.6	34.6	33.0	13.7	16.9	1.6	0.3	36.7	32.2
Serbia	620	48.9	48.9	28.3	7.4	10.8	3.5	1.1	42.6	54.5
Singapore	913	73.8	73.8	13.7	6.4	5.7	0.2	0.1	73.0	74.6
Slovak Republic	786	43.4	43.4	36.6	6.7	10.5	2.8	0.1	42.3	44.4
Slovenia	646	41.4	41.4	39.5	7.6	7.5	3.2	0.8	39.1	43.7
Spain	595	43.7	43.7	28.7	9.3	14.5	3.6	0.1	39.0	48.2
Sweden	680	44.1	44.1	32.6	9.2	10.2	3.5	0.3	41.7	46.5
Thailand	646	38.5	38.5	28.9	15.8	14.9	1.7	0.2	36.4	40.3
Tunisia	682	17.9	17.9	29.9	19.6	15.8	14.7	2.1	16.8	19.1
Turkey	1050	44.0	44.0	27.4	12.2	15.3	1.1	0.0	43.3	44.6
United Arab Emirates	2116	36.6	36.6	31.9	13.6	15.0	2.4	0.5	35.3	37.9
United States	1798	49.6	49.6	30.1	7.6	11.5	1.0	0.1	44.7	54.6
Yemen	1160	19.0	19.0	32.3	24.1	13.9	8.0	2.6	21.9	17.1
International Avg. (50)	37266	44.4	44.4	29.0	10.6	11.4	3.9	0.7	42.9	45.8
Botswana (6)	599	33.2	33.2	32.9	16.8	16.2	0.6	0.3	31.6	35.0
Honduras (6)	572	37.0	37.0	30.8	9.8	15.9	4.1	2.5	34.5	39.4
Yemen (6)	701	27.2	27.2	35.5	17.3	15.7	3.1	1.2	26.7	27.5
Alberta, Canada	517	48.0	48.0	34.7	7.8	7.8	1.2	0.4	45.8	49.7
Ontario, Canada	639	48.2	48.2	31.5	7.1	12.1	0.8	0.2	42.1	54.3
Quebec, Canada	603	48.4	48.4	33.1	6.3	9.3	2.7	0.2	46.3	50.4
Abu Dhabi, UAE	596	35.6	35.6	32.1	14.9	15.0	1.7	0.8	35.2	36.1
Dubai, UAE	888	40.1	40.1	31.2	12.1	13.3	2.7	0.6	37.4	42.6
Florida, US	391	49.6	49.6	30.9	5.7	11.9	1.8	0.0	45.5	54.6
North Carolina, US	265	48.7	48.7	30.1	6.3	11.5	3.4	0.0	44.3	53.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_09 (S041048): Physical Science / Reasoning
Label: Styrofoam-brick-apple weigh more - Points: 1

COUNTRY	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	18.4	24.3	20.3	21.9	6.3	8.8	18.4	19.5	17.1
Australia	867	42.7	17.4	16.3	22.2	1.1	0.2	42.7	44.7	40.6
Austria	661	73.8	14.7	5.6	5.0	0.9	0.0	73.8	73.1	74.6
Azerbaijan	698	18.9	15.4	4.0	45.8	11.1	4.9	18.9	21.1	17.1
Bahrain	581	18.9	20.8	24.0	34.6	0.9	0.9	18.9	17.6	20.2
Belgium (Flemish)	700	45.3	19.4	12.7	21.5	1.1	0.1	45.3	47.5	42.8
Chile	806	40.7	9.2	23.8	22.8	2.4	1.0	40.7	41.3	40.0
Chinese Taipei	612	73.9	17.1	3.2	5.4	0.3	0.0	73.9	74.2	73.7
Croatia	656	46.6	21.2	16.3	14.6	1.0	0.3	46.6	46.8	46.4
Czech Republic	647	54.8	16.3	9.4	18.0	1.3	0.1	54.8	57.6	52.0
Denmark	556	45.6	22.4	7.0	21.8	2.2	1.1	45.6	49.4	41.8
England	490	39.4	20.8	12.1	24.3	2.7	0.7	39.4	42.0	36.9
Finland	655	71.2	13.5	7.0	7.9	0.5	0.0	71.2	70.9	71.5
Georgia	686	18.9	23.1	26.5	25.0	5.3	1.2	18.9	20.7	17.4
Germany	573	50.8	23.5	12.8	9.4	3.4	0.2	50.8	51.7	49.9
Hong Kong SAR	568	48.7	38.1	3.4	9.8	0.0	0.0	48.7	49.9	47.8
Hungary	745	68.3	12.4	5.7	11.5	1.9	0.1	68.3	71.0	65.9
Iran, Islamic Rep. of	818	24.3	28.8	17.4	27.2	1.4	0.9	24.3	23.5	25.1
Ireland	648	39.5	13.3	22.6	23.8	0.7	0.2	39.5	37.8	40.9
Italy	595	55.8	8.1	15.5	18.8	1.5	0.2	55.8	56.3	55.3
Japan	637	45.5	34.2	8.9	11.2	0.3	0.0	45.5	51.1	40.1
Kazakhstan	626	45.0	11.8	5.4	29.3	7.4	1.2	45.0	43.8	46.0
Korea, Rep. of	615	68.5	22.3	5.6	3.6	0.0	0.0	68.5	72.8	64.7
Kuwait	589	23.4	23.0	8.1	40.9	3.3	1.2	23.4	28.6	17.2
Lithuania	678	54.1	13.5	11.0	20.8	0.6	0.0	54.1	54.1	54.1
Malta	507	18.6	13.3	22.6	43.1	2.4	0.0	18.6	20.8	16.5
Morocco	1105	0.3	26.4	3.2	63.2	4.6	2.2	0.3	0.0	0.6
Netherlands	452	40.1	24.7	11.9	22.7	0.6	0.0	40.1	42.6	37.5
New Zealand	792	38.7	15.4	12.5	32.4	0.6	0.4	38.7	40.4	37.1
Northern Ireland	512	39.6	19.8	16.6	22.3	1.4	0.2	39.6	40.2	39.2
Norway	423	62.0	15.3	9.9	11.2	1.4	0.1	62.0	64.2	60.0
Oman	1485	20.7	18.4	18.4	38.5	2.9	1.1	20.7	23.4	18.0
Poland	722	58.0	16.4	7.0	17.5	0.4	0.7	58.0	61.5	54.6
Portugal	574	60.6	13.8	17.2	8.0	0.2	0.1	60.6	59.5	61.7
Qatar	597	11.8	17.7	16.5	50.0	2.5	1.4	11.8	10.5	13.1
Romania	670	37.9	15.1	16.6	26.7	2.0	1.7	37.9	41.6	34.5
Russian Federation	639	71.3	13.4	4.9	10.1	0.3	0.0	71.3	73.6	69.4
Saudi Arabia	680	35.0	21.7	4.7	37.6	0.8	0.3	35.0	42.8	26.4
Serbia	620	71.7	11.0	11.5	4.4	0.3	1.1	71.7	76.7	67.2
Singapore	913	52.1	19.2	15.2	13.2	0.2	0.1	52.1	54.3	50.0
Slovak Republic	786	53.5	16.9	10.5	18.7	0.3	0.1	53.5	54.2	52.8
Slovenia	647	43.1	27.8	9.0	17.9	1.5	0.8	43.1	42.1	44.1
Spain	595	42.1	18.3	14.0	23.9	1.4	0.2	42.1	47.7	36.9
Sweden	680	55.9	20.8	7.7	13.4	1.8	0.4	55.9	58.4	53.5
Thailand	646	30.3	23.9	21.0	21.2	2.9	0.6	30.3	36.0	25.4
Tunisia	701	15.3	33.2	10.5	36.6	1.8	2.7	15.3	17.9	12.8
Turkey	1050	36.1	15.8	26.0	21.3	0.9	0.0	36.1	39.4	32.9
United Arab Emirates	2116	19.1	21.0	16.9	40.7	1.8	0.5	19.1	20.4	17.7
United States	1798	46.1	16.6	17.0	19.7	0.4	0.2	46.1	47.3	44.7
Yemen	1159	2.9	25.9	4.3	61.2	2.9	2.8	2.9	2.7	3.0
International Avg. (50)	37299	41.9	19.3	12.6	23.5	1.9	0.8	41.9	43.7	40.2
Botswana (6)	599	5.9	25.2	21.9	46.0	0.8	0.3	5.9	6.4	5.4
Honduras (6)	572	22.0	8.9	14.6	48.1	3.6	2.7	22.0	23.0	21.0
Yemen (6)	701	18.5	24.5	16.8	36.9	2.1	1.2	18.5	19.7	17.8
Alberta, Canada	517	51.9	12.1	16.5	18.0	0.8	0.6	51.9	50.9	52.7
Ontario, Canada	639	51.3	13.3	17.3	16.0	1.8	0.4	51.3	54.9	47.6
Quebec, Canada	603	51.2	19.4	11.0	16.5	1.7	0.2	51.2	51.6	50.8
Abu Dhabi, UAE	596	18.0	20.8	14.4	44.8	1.1	0.8	18.0	21.0	14.8
Dubai, UAE	888	24.3	20.3	15.5	37.6	1.7	0.6	24.3	24.4	24.2
Florida, US	391	39.6	19.5	20.1	19.7	0.9	0.3	39.6	39.0	40.3
North Carolina, US	265	48.6	14.9	15.4	18.8	1.9	0.4	48.6	49.9	47.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_10 (S041110): Earth Science / Knowing
Label: Energy received from the sun - Points: 1

COUNTRY	N	10 %	11 %	12 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	18.2	14.0	3.1	16.5	39.1	9.0	35.3	35.9	35.0
Australia	867	21.5	11.2	30.4	30.7	5.9	0.3	63.1	60.7	65.6
Austria	661	18.5	16.1	29.8	19.2	16.3	0.0	64.5	59.3	69.5
Azerbaijan	698	8.2	26.7	2.4	12.6	44.5	5.6	37.3	39.7	35.4
Bahrain	581	29.6	9.6	8.2	36.0	15.8	0.9	47.4	44.7	50.0
Belgium (Flemish)	700	18.2	12.9	27.8	37.2	3.7	0.3	58.8	54.1	64.0
Chile	806	23.2	9.2	20.3	31.9	14.3	1.1	52.7	49.5	56.0
Chinese Taipei	612	17.4	3.2	40.0	28.0	11.4	0.0	60.6	58.1	62.8
Croatia	656	34.0	25.6	2.4	19.5	18.1	0.3	62.0	62.2	61.9
Czech Republic	647	24.1	20.3	14.6	31.7	9.0	0.4	59.0	63.8	53.9
Denmark	556	20.1	16.9	23.5	26.6	11.7	1.1	60.5	54.2	66.7
England	490	33.3	21.5	10.8	25.9	7.4	1.1	65.5	66.8	64.3
Finland	655	24.2	18.0	12.4	34.5	10.9	0.0	54.6	54.3	55.0
Georgia	686	29.4	28.2	1.3	18.0	21.9	1.2	58.9	60.6	57.5
Germany	573	12.5	13.4	22.5	37.8	13.6	0.2	48.4	43.3	53.4
Hong Kong SAR	568	19.0	6.0	48.0	22.8	4.2	0.0	73.0	66.3	78.0
Hungary	744	27.0	6.3	20.6	35.7	9.6	0.8	53.9	53.0	54.7
Iran, Islamic Rep. of	817	38.6	13.9	1.1	31.5	13.5	1.5	53.5	51.1	55.7
Ireland	648	31.9	20.2	15.8	25.0	6.9	0.2	67.9	68.7	67.2
Italy	595	22.4	22.5	23.5	18.3	13.1	0.2	68.4	66.5	70.3
Japan	637	42.0	12.8	4.3	34.2	6.7	0.0	59.1	58.9	59.2
Kazakhstan	626	40.3	18.3	3.8	19.9	16.2	1.5	62.5	63.8	61.3
Korea, Rep. of	615	22.0	52.5	4.3	18.3	3.0	0.0	78.7	76.1	81.0
Kuwait	588	21.0	7.0	0.9	31.9	37.9	1.3	28.9	33.0	24.1
Lithuania	678	18.6	20.2	13.8	34.2	13.2	0.0	52.6	56.0	49.7
Malta	507	26.0	7.9	4.5	38.1	23.4	0.0	38.5	38.8	38.2
Morocco	1105	1.8	2.9	4.0	32.2	56.0	3.0	8.7	7.4	9.9
Netherlands	452	10.1	10.0	48.6	28.8	2.5	0.0	68.7	66.3	71.2
New Zealand	792	18.9	14.9	22.6	33.6	9.7	0.4	56.3	53.2	59.3
Northern Ireland	512	24.0	24.5	20.2	22.2	8.8	0.2	68.7	65.8	71.1
Norway	423	22.9	25.9	8.0	30.6	11.9	0.6	56.9	57.7	56.1
Oman	1485	12.1	8.1	4.1	40.2	34.3	1.2	24.3	25.9	22.7
Poland	722	22.9	7.9	13.9	36.6	17.9	0.7	44.8	42.3	47.2
Portugal	574	22.2	5.7	34.3	28.8	8.7	0.2	62.2	57.8	67.1
Qatar	597	18.8	10.9	9.8	36.7	22.3	1.4	39.6	39.9	39.3
Romania	670	31.7	19.1	17.2	19.5	10.8	1.7	68.1	71.9	64.6
Russian Federation	639	32.9	29.2	10.3	19.3	8.2	0.0	72.5	73.6	71.6
Saudi Arabia	681	19.6	21.8	5.9	33.3	19.0	0.3	47.4	55.7	38.2
Serbia	620	25.2	23.9	11.9	20.6	17.2	1.1	61.0	59.3	62.6
Singapore	913	43.4	32.3	6.6	15.3	2.4	0.1	82.2	82.8	81.7
Slovak Republic	786	43.5	20.1	11.3	16.2	8.9	0.1	74.9	76.3	73.7
Slovenia	647	38.2	13.7	1.0	30.8	15.4	1.0	52.9	56.7	48.9
Spain	595	35.0	4.6	11.5	29.8	18.8	0.2	51.2	50.3	51.9
Sweden	680	10.7	18.1	15.6	42.2	13.0	0.4	44.4	42.2	46.4
Thailand	646	32.4	6.9	12.7	32.3	15.0	0.6	52.1	52.1	52.1
Tunisia	701	3.0	17.2	8.6	43.3	24.7	3.2	28.8	32.3	25.4
Turkey	1050	31.6	20.8	3.1	33.3	11.2	0.0	55.5	55.5	55.5
United Arab Emirates	2116	24.4	11.5	9.6	31.6	22.1	0.7	45.6	48.9	42.1
United States	1798	26.2	18.1	18.5	33.4	3.4	0.4	62.8	62.8	62.9
Yemen	1159	3.9	6.5	1.4	26.6	58.7	2.9	11.8	10.5	12.7
International Avg. (50)	37297	23.9	16.2	14.0	28.7	16.2	0.9	54.1	53.7	54.5
Botswana (6)	604	15.9	12.1	14.5	52.0	5.2	0.3	42.5	46.7	38.0
Honduras (6)	572	9.1	5.8	15.6	47.6	18.6	3.2	30.6	32.4	28.8
Yemen (6)	700	17.5	15.7	6.9	31.0	27.5	1.5	40.1	43.0	38.1
Alberta, Canada	517	25.1	15.9	22.7	31.6	4.0	0.6	63.8	62.4	64.8
Ontario, Canada	639	31.7	12.5	15.3	33.8	6.3	0.4	59.5	53.5	65.4
Quebec, Canada	603	22.3	15.9	18.4	35.5	7.1	0.8	56.6	56.4	56.8
Abu Dhabi, UAE	596	23.2	11.8	8.9	36.0	19.2	1.0	43.9	49.6	37.7
Dubai, UAE	888	29.2	13.5	13.2	24.2	19.3	0.6	55.9	53.3	58.3
Florida, US	391	27.2	19.8	20.2	28.2	4.1	0.5	67.2	65.2	69.6
North Carolina, US	265	30.4	11.9	19.4	34.4	3.1	0.7	61.8	55.5	68.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S06_l1 (S041069): Physical Science / Applying
Label: Shadow along which line - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	37.8	13.8	37.8	10.1	22.6	4.8	11.0	34.8	40.5
Australia	867	57.5	18.5	57.5	7.3	15.0	1.3	0.3	51.5	63.9
Austria	661	61.4	16.0	61.4	6.2	14.1	2.2	0.0	56.1	66.7
Azerbaijan	698	47.4	16.0	47.4	13.8	11.0	5.6	6.4	48.0	46.9
Bahrain	581	51.6	14.8	51.6	11.6	20.6	0.1	1.2	52.1	51.2
Belgium (Flemish)	700	61.6	12.3	61.6	8.7	16.5	0.8	0.3	56.5	67.0
Chile	806	52.6	17.1	52.6	6.6	20.5	1.3	1.9	47.5	58.1
Chinese Taipei	612	82.9	6.1	82.9	1.6	8.9	0.3	0.2	77.0	88.0
Croatia	656	59.4	11.6	59.4	15.7	11.8	0.9	0.6	55.6	63.0
Czech Republic	647	62.7	15.5	62.7	6.8	14.3	0.2	0.5	53.3	72.6
Denmark	556	56.0	14.4	56.0	8.5	15.8	2.8	2.6	48.9	63.0
England	490	58.3	12.3	58.3	8.6	17.7	1.3	1.9	54.5	62.1
Finland	655	70.2	9.5	70.2	6.8	13.2	0.0	0.3	64.3	76.7
Georgia	686	48.6	14.8	48.6	11.1	20.3	3.6	1.6	43.4	52.7
Germany	573	61.8	14.3	61.8	6.5	16.4	0.9	0.2	52.0	71.5
Hong Kong SAR	568	73.7	9.9	73.7	4.6	11.4	0.2	0.2	71.7	75.2
Hungary	745	67.5	12.9	67.5	6.7	10.6	1.4	1.0	62.2	72.0
Iran, Islamic Rep. of	817	49.9	18.3	49.9	11.7	16.4	1.6	2.0	44.0	55.2
Ireland	648	55.9	17.5	55.9	8.7	16.7	1.0	0.2	50.2	60.8
Italy	595	52.4	19.0	52.4	11.8	14.9	1.6	0.3	50.2	54.6
Japan	637	79.1	8.3	79.1	3.5	8.8	0.2	0.1	77.9	80.2
Kazakhstan	626	61.2	15.4	61.2	8.3	12.6	0.9	1.6	53.6	67.6
Korea, Rep. of	615	77.2	8.4	77.2	1.5	12.9	0.0	0.0	73.0	80.9
Kuwait	584	40.8	14.9	40.8	17.4	20.1	5.4	1.4	44.5	36.4
Lithuania	678	69.1	13.2	69.1	5.7	11.1	1.0	0.0	61.9	75.2
Malta	507	47.4	16.5	47.4	13.4	21.0	1.6	0.2	47.5	47.2
Morocco	1105	43.3	12.8	43.3	15.6	15.3	6.7	6.3	42.6	43.9
Netherlands	452	60.2	15.7	60.2	8.5	15.1	0.2	0.2	52.6	68.0
New Zealand	792	56.2	16.9	56.2	9.4	16.2	0.4	0.9	50.6	61.5
Northern Ireland	512	56.7	19.4	56.7	6.6	16.1	0.7	0.4	53.2	59.6
Norway	423	51.2	19.3	51.2	9.8	16.9	2.0	0.7	38.6	62.9
Oman	1485	41.7	14.9	41.7	16.3	23.6	1.9	1.6	39.1	44.2
Poland	722	49.3	20.5	49.3	11.1	16.7	1.5	1.0	46.7	51.8
Portugal	574	60.9	16.2	60.9	7.2	13.1	1.9	0.8	53.7	68.7
Qatar	597	55.3	16.3	55.3	13.3	12.9	0.6	1.6	56.6	54.0
Romania	665	59.5	14.9	59.5	5.3	15.8	1.9	2.5	56.4	62.4
Russian Federation	639	67.3	16.5	67.3	6.6	8.8	0.7	0.1	59.1	73.9
Saudi Arabia	681	51.8	11.7	51.8	16.1	19.4	0.3	0.7	52.5	51.1
Serbia	620	59.8	9.8	59.8	12.1	12.6	4.1	1.7	63.7	56.4
Singapore	913	87.1	3.7	87.1	3.8	5.1	0.1	0.2	86.6	87.5
Slovak Republic	786	69.3	11.9	69.3	5.8	11.9	0.9	0.2	65.5	72.7
Slovenia	642	68.4	7.1	68.4	13.0	9.5	1.0	1.1	65.1	71.8
Spain	595	54.2	17.2	54.2	6.8	19.2	1.9	0.6	55.0	53.5
Sweden	680	58.5	16.0	58.5	8.4	15.1	1.0	1.1	53.6	63.3
Thailand	646	57.9	20.9	57.9	9.6	10.3	0.0	1.2	52.9	62.1
Tunisia	683	32.7	11.9	32.7	17.5	20.9	9.5	7.5	29.3	36.1
Turkey	1050	47.1	12.7	47.1	15.0	24.1	0.9	0.2	48.4	45.8
United Arab Emirates	2116	48.1	15.7	48.1	11.9	21.9	1.4	1.1	47.1	49.0
United States	1798	61.9	17.5	61.9	7.0	12.5	0.6	0.5	53.8	70.2
Yemen	1160	29.8	13.1	29.8	26.7	21.8	4.8	3.9	32.2	28.2
International Avg. (50)	37267	57.4	14.3	57.4	9.7	15.4	1.7	1.4	53.7	61.0
Botswana (6)	604	41.9	12.8	41.9	15.1	29.7	0.0	0.5	40.9	43.0
Honduras (6)	572	49.7	20.5	49.7	7.7	16.0	2.4	3.6	45.2	54.3
Yemen (6)	700	43.8	15.8	43.8	15.3	21.5	2.0	1.5	35.8	49.4
Alberta, Canada	517	64.9	15.2	64.9	5.9	12.4	0.4	1.1	59.6	68.9
Ontario, Canada	639	56.8	18.1	56.8	6.5	16.9	0.9	0.9	52.9	60.7
Quebec, Canada	603	49.4	12.9	49.4	13.0	22.4	1.4	0.8	40.0	58.2
Abu Dhabi, UAE	596	48.7	14.6	48.7	12.7	21.2	1.4	1.3	49.5	47.9
Dubai, UAE	888	50.9	15.3	50.9	10.1	20.4	1.8	1.4	46.5	54.8
Florida, US	391	54.4	18.5	54.4	9.6	15.8	1.1	0.6	49.4	60.5
North Carolina, US	265	56.4	16.2	56.4	7.9	17.2	1.5	0.7	51.1	62.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S06_12 (S041100): Earth Science / Knowing

Label: Reason for direction river flows -- Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	37.8	16.5	37.8	11.0	17.8	5.8	11.0	38.7	36.7
Australia	867	57.1	21.8	57.1	10.5	8.7	1.4	0.4	49.6	65.1
Austria	661	49.0	21.2	49.0	16.8	11.0	2.0	0.0	40.2	57.5
Azerbaijan	697	24.7	24.3	24.7	29.8	9.6	5.3	6.3	23.5	25.6
Bahrain	581	27.1	46.8	27.1	16.1	7.4	1.5	1.2	25.6	28.5
Belgium (Flemish)	700	43.9	17.1	43.9	23.9	13.8	1.0	0.3	41.7	46.2
Chile	806	25.2	36.4	25.2	13.2	21.2	1.6	2.5	20.7	29.9
Chinese Taipei	612	76.9	13.8	76.9	3.1	5.4	0.6	0.2	75.4	78.3
Croatia	656	50.9	21.9	50.9	18.7	6.9	1.0	0.6	51.1	50.8
Czech Republic	647	56.2	15.5	56.2	20.7	5.9	1.3	0.5	55.0	57.4
Denmark	556	44.0	20.4	44.0	21.4	7.3	4.2	2.7	44.1	43.8
England	490	53.0	18.2	53.0	15.0	11.2	0.7	1.9	47.1	59.0
Finland	655	64.6	11.1	64.6	8.4	15.2	0.5	0.3	59.7	69.9
Georgia	686	46.2	16.8	46.2	25.4	8.4	1.5	1.8	42.7	48.9
Germany	573	51.3	16.7	51.3	14.8	13.0	4.1	0.2	40.6	61.8
Hong Kong SAR	568	67.3	17.1	67.3	7.8	6.8	0.6	0.4	67.3	67.2
Hungary	745	50.6	12.6	50.6	18.4	15.4	2.0	1.1	47.3	53.4
Iran, Islamic Rep. of	818	33.8	22.5	33.8	20.0	19.2	2.1	2.4	25.8	40.9
Ireland	648	53.9	22.0	53.9	13.4	9.8	0.6	0.2	56.0	52.0
Italy	595	54.7	19.0	54.7	15.4	10.1	0.4	0.4	50.6	58.9
Japan	637	69.9	4.6	69.9	10.6	14.1	0.6	0.1	69.3	70.4
Kazakhstan	626	47.2	20.6	47.2	19.8	8.6	2.0	1.7	44.7	49.3
Korea, Rep. of	615	80.8	5.8	80.8	9.0	4.3	0.2	0.0	82.0	79.7
Kuwait	581	25.0	45.4	25.0	14.7	8.1	5.1	1.6	21.2	29.6
Lithuania	678	35.1	23.9	35.1	22.7	16.5	1.8	0.0	33.2	36.7
Malta	507	25.9	37.6	25.9	22.8	10.8	2.6	0.4	23.3	28.3
Morocco	1105	19.7	36.7	19.7	19.8	8.5	8.1	7.2	16.3	22.7
Netherlands	452	56.8	13.7	56.8	13.4	14.9	0.9	0.2	58.3	55.4
New Zealand	792	51.2	21.5	51.2	13.3	11.5	1.6	0.9	52.4	50.1
Northern Ireland	512	50.7	19.0	50.7	21.7	7.9	0.4	0.4	49.9	51.4
Norway	423	48.0	29.7	48.0	11.0	8.1	2.2	1.0	46.6	49.4
Oman	1485	23.7	45.6	23.7	16.7	9.3	3.0	1.6	23.4	24.0
Poland	722	44.5	16.4	44.5	17.3	20.1	0.7	1.0	37.2	51.4
Portugal	574	38.7	24.8	38.7	18.5	16.2	1.1	0.8	38.0	39.6
Qatar	597	24.0	42.2	24.0	19.5	11.5	1.1	1.7	24.8	23.2
Romania	669	56.4	20.7	56.4	10.2	8.7	1.6	2.5	54.3	58.2
Russian Federation	639	57.5	12.5	57.5	15.5	12.7	1.7	0.1	56.5	58.2
Saudi Arabia	680	29.9	44.4	29.9	14.4	9.4	1.2	0.7	25.5	34.7
Serbia	620	55.5	19.0	55.5	15.7	6.3	1.7	1.8	59.4	51.9
Singapore	913	58.4	16.0	58.4	8.8	16.2	0.3	0.2	58.4	58.4
Slovak Republic	786	57.3	17.4	57.3	15.7	8.3	0.9	0.6	56.8	57.7
Slovenia	646	33.7	18.3	33.7	17.4	26.4	3.0	1.2	34.1	33.2
Spain	595	47.3	30.9	47.3	9.6	8.1	3.4	0.7	48.5	46.2
Sweden	680	61.6	14.9	61.6	8.9	11.7	1.5	1.5	59.6	63.5
Thailand	646	29.3	34.7	29.3	14.6	19.0	1.1	1.2	28.0	30.4
Tunisia	689	22.2	34.0	22.2	17.9	9.9	6.6	9.3	18.7	25.7
Turkey	1050	35.4	42.5	35.4	7.8	12.2	1.8	0.4	33.2	37.4
United Arab Emirates	2116	27.9	43.8	27.9	15.2	10.3	1.7	1.1	25.8	30.0
United States	1798	53.2	25.9	53.2	11.5	8.0	0.8	0.6	49.2	57.4
Yemen	1161	23.8	26.9	23.8	28.2	11.2	5.8	4.2	24.4	23.3
International Avg. (50)	37278	45.2	24.0	45.2	15.7	11.5	2.1	1.6	43.1	47.2
Botswana (6)	604	37.4	23.1	37.4	27.3	11.1	0.6	0.5	35.5	39.4
Honduras (6)	572	17.7	45.5	17.7	19.7	13.3	0.1	3.6	11.6	23.9
Yemen (6)	701	25.9	39.0	25.9	21.4	10.2	1.9	1.5	26.2	25.7
Alberta, Canada	517	57.9	18.4	57.9	12.2	9.3	0.9	1.4	50.0	63.9
Ontario, Canada	639	47.4	26.0	47.4	15.7	8.3	1.6	1.0	41.6	53.3
Quebec, Canada	603	44.6	31.0	44.6	11.8	9.9	2.0	0.8	38.8	49.9
Abu Dhabi, UAE	596	23.9	49.2	23.9	15.2	9.3	1.1	1.3	25.3	22.4
Dubai, UAE	888	34.6	35.0	34.6	14.2	12.3	2.4	1.4	28.8	39.9
Florida, US	391	49.9	29.8	49.9	13.1	5.1	1.1	1.0	50.0	49.8
North Carolina, US	265	54.1	22.6	54.1	15.3	5.5	1.2	1.4	54.0	54.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S06_l3 (S041092): Earth Science / Knowing
Label: Drinking water comes from - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	28.2	32.9	12.2	10.3	28.2	4.0	12.4	28.8	27.3
Australia	867	57.3	15.3	14.8	10.2	57.3	1.2	1.2	64.4	49.8
Austria	661	67.6	21.6	6.8	3.5	67.6	0.3	0.2	68.2	67.0
Azerbaijan	697	21.4	43.0	17.3	8.1	21.4	2.3	7.9	22.1	20.8
Bahrain	581	53.7	15.3	17.9	10.3	53.7	1.3	1.4	53.2	54.1
Belgium (Flemish)	700	56.7	13.6	15.6	12.9	56.7	0.4	0.8	52.8	60.9
Chile	806	54.6	15.4	15.4	11.0	54.6	0.8	2.7	52.7	56.6
Chinese Taipei	612	75.6	13.6	5.8	4.2	75.6	0.5	0.4	74.9	76.2
Croatia	656	67.1	17.8	9.3	4.9	67.1	0.4	0.6	67.9	66.4
Czech Republic	647	74.8	16.9	4.5	2.4	74.8	0.8	0.6	76.0	73.5
Denmark	556	60.9	25.1	6.5	3.7	60.9	1.2	2.7	65.8	56.1
England	490	63.1	15.6	11.7	6.8	63.1	0.8	2.1	64.2	61.9
Finland	655	74.2	14.3	2.8	7.9	74.2	0.3	0.5	75.1	73.2
Georgia	686	47.9	25.6	14.3	8.7	47.9	1.8	1.8	47.4	48.2
Germany	573	57.6	31.7	5.1	4.1	57.6	0.9	0.7	53.5	61.6
Hong Kong SAR	568	73.1	6.5	9.3	9.9	73.1	0.4	0.8	71.6	74.1
Hungary	745	70.9	16.4	6.9	3.6	70.9	0.6	1.6	71.1	70.7
Iran, Islamic Rep. of	818	50.2	13.2	14.2	17.9	50.2	1.7	2.7	52.8	48.0
Ireland	648	61.5	14.9	15.2	6.6	61.5	1.1	0.8	63.4	59.7
Italy	595	43.8	26.3	17.6	10.4	43.8	1.1	0.8	43.5	44.1
Japan	637	83.0	6.4	6.1	3.9	83.0	0.1	0.4	82.8	83.2
Kazakhstan	626	30.8	44.9	7.9	13.4	30.8	1.0	1.8	27.6	33.6
Korea, Rep. of	615	88.2	7.6	2.1	1.9	88.2	0.0	0.2	87.5	88.9
Kuwait	583	40.8	12.6	19.2	18.6	40.8	6.2	2.7	41.6	39.8
Lithuania	678	42.1	48.5	3.7	4.6	42.1	0.6	0.4	40.0	43.9
Malta	507	59.6	14.3	14.1	9.6	59.6	1.4	1.0	59.9	59.4
Morocco	1105	32.2	20.5	18.8	13.3	32.2	6.0	9.3	30.9	33.3
Netherlands	452	65.6	11.2	12.2	10.6	65.6	0.2	0.2	68.4	62.7
New Zealand	792	55.6	18.0	12.1	12.6	55.6	0.5	1.2	56.6	54.6
Northern Ireland	512	64.7	11.5	13.5	8.9	64.7	1.0	0.4	63.7	65.4
Norway	423	63.6	7.3	9.4	17.4	63.6	0.3	2.0	59.6	67.4
Oman	1485	47.5	24.7	15.0	8.9	47.5	2.0	1.9	47.3	47.8
Poland	722	43.2	33.9	14.3	6.7	43.2	0.6	1.2	39.3	46.9
Portugal	574	54.7	24.0	14.3	5.3	54.7	0.6	1.1	53.9	55.5
Qatar	597	47.6	19.1	18.6	12.1	47.6	0.5	2.1	55.0	40.5
Romania	668	38.5	42.1	11.4	4.6	38.5	0.5	2.8	37.6	39.2
Russian Federation	639	81.8	6.6	4.8	6.1	81.8	0.1	0.7	83.9	80.1
Saudi Arabia	680	54.2	13.7	16.4	14.0	54.2	0.5	1.2	55.1	53.2
Serbia	620	72.8	13.4	6.4	4.1	72.8	1.0	2.3	77.0	69.0
Singapore	913	70.6	10.7	11.3	6.7	70.6	0.4	0.2	72.8	68.4
Slovak Republic	786	67.5	23.9	4.9	2.4	67.5	0.1	1.2	65.0	69.7
Slovenia	647	72.2	17.9	5.1	2.1	72.2	1.2	1.5	73.2	71.2
Spain	595	62.4	13.6	15.5	5.8	62.4	1.2	1.5	61.7	63.1
Sweden	680	74.1	6.6	5.4	11.3	74.1	0.6	2.0	73.8	74.3
Thailand	646	41.6	25.3	17.2	13.8	41.6	0.5	1.7	46.0	37.9
Tunisia	686	29.8	15.9	18.8	19.3	29.8	4.2	12.0	31.7	28.0
Turkey	1050	45.3	32.6	10.0	9.6	45.3	1.3	1.2	45.5	45.1
United Arab Emirates	2116	49.9	21.8	14.8	10.7	49.9	1.3	1.6	51.4	48.3
United States	1798	65.1	11.4	12.1	9.7	65.1	0.5	1.2	66.8	63.3
Yemen	1160	30.0	16.7	22.8	21.3	30.0	4.2	5.0	33.5	27.8
International Avg. (50)	37276	56.7	19.4	11.6	8.9	56.7	1.2	2.1	57.2	56.2
Botswana (6)	604	20.8	44.4	23.4	9.9	20.8	0.8	0.7	21.6	19.9
Honduras (6)	572	53.2	19.1	16.7	7.2	53.2	0.1	3.8	52.9	53.5
Yemen (6)	701	41.1	25.4	21.1	9.6	41.1	0.8	2.0	40.7	41.3
Alberta, Canada	517	65.3	11.7	11.0	9.6	65.3	1.0	1.5	62.7	67.2
Ontario, Canada	639	58.7	13.9	9.9	15.0	58.7	1.0	1.5	58.6	58.8
Quebec, Canada	603	62.3	18.1	11.0	6.1	62.3	1.4	1.2	63.6	61.2
Abu Dhabi, UAE	596	51.4	18.3	15.6	12.0	51.4	1.1	1.6	55.4	47.1
Dubai, UAE	888	51.6	23.8	12.0	9.1	51.6	1.5	1.9	53.7	49.8
Florida, US	391	69.9	11.0	10.5	6.8	69.9	0.3	1.6	68.2	72.1
North Carolina, US	265	69.3	9.8	11.0	7.3	69.3	0.9	1.7	64.0	75.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S07_01 (S031254): Life Science / Knowing

Label: Animal with young and adult forms - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	41.9	15.4	41.9	13.6	21.1	6.7	1.4	43.3	40.3
Australia	868	54.0	22.3	54.0	12.0	10.8	0.8	0.1	48.9	58.7
Austria	667	50.1	26.1	50.1	10.9	11.5	1.5	0.0	46.3	53.3
Azerbaijan	699	48.6	21.1	48.6	11.7	14.1	3.6	0.9	48.4	48.8
Bahrain	583	39.2	26.0	39.2	16.1	15.9	2.4	0.4	40.1	38.3
Belgium (Flemish)	694	56.7	22.6	56.7	12.8	6.4	1.5	0.0	58.6	55.0
Chile	804	47.2	13.6	47.2	21.3	15.7	2.0	0.2	46.4	48.0
Chinese Taipei	611	86.4	5.1	86.4	4.7	3.0	0.8	0.0	85.1	87.5
Croatia	646	38.2	26.0	38.2	22.8	10.9	2.0	0.1	33.6	42.2
Czech Republic	651	66.9	15.3	66.9	8.1	6.9	2.8	0.0	66.2	67.6
Denmark	557	57.2	14.8	57.2	13.5	10.9	3.2	0.3	56.3	58.2
England	479	52.1	24.4	52.1	11.4	11.0	0.9	0.2	48.8	55.6
Finland	656	65.1	13.5	65.1	13.0	7.5	0.9	0.0	66.2	63.9
Georgia	692	56.3	17.1	56.3	13.5	9.8	2.8	0.5	55.3	57.2
Germany	573	43.5	29.8	43.5	9.2	16.1	1.3	0.0	43.7	43.4
Hong Kong SAR	570	68.3	21.3	68.3	5.7	4.1	0.6	0.0	62.2	72.9
Hungary	742	78.1	8.4	78.1	7.8	4.2	1.3	0.2	76.8	79.2
Iran, Islamic Rep. of	827	62.4	7.9	62.4	17.0	10.5	0.9	1.2	67.4	57.9
Ireland	658	54.4	23.3	54.4	12.4	9.4	0.6	0.0	54.6	54.1
Italy	590	77.9	8.2	77.9	7.7	5.4	0.8	0.1	79.1	76.8
Japan	631	83.1	4.4	83.1	8.6	3.3	0.6	0.0	84.0	82.2
Kazakhstan	622	72.4	8.1	72.4	10.6	6.7	2.2	0.1	70.3	74.1
Korea, Rep. of	613	79.0	7.8	79.0	9.2	3.5	0.6	0.0	75.9	81.7
Kuwait	588	30.7	18.9	30.7	26.4	17.1	6.6	0.2	27.1	35.3
Lithuania										
Malta	516	46.5	24.0	46.5	15.2	13.0	1.3	0.0	45.3	47.5
Morocco	1037	39.4	16.7	39.4	20.2	16.7	4.7	2.3	37.3	41.1
Netherlands	470	44.3	29.7	44.3	16.2	8.7	1.1	0.0	45.4	43.3
New Zealand	807	49.2	22.8	49.2	12.4	14.4	1.0	0.2	44.7	53.1
Northern Ireland	512	41.3	30.3	41.3	12.5	15.1	0.8	0.0	38.1	43.6
Norway	442	55.5	21.4	55.5	15.5	6.0	1.2	0.3	54.9	56.2
Oman	1479	31.1	21.9	31.1	22.4	21.3	3.2	0.1	29.7	32.6
Poland	720	44.9	28.7	44.9	10.1	14.6	1.7	0.0	41.4	48.2
Portugal	572	66.7	11.1	66.7	15.4	4.3	2.3	0.1	66.0	67.4
Qatar	596	42.1	17.0	42.1	22.8	17.1	1.0	0.1	43.2	41.0
Romania	671	68.1	9.0	68.1	12.3	7.8	2.6	0.2	64.4	71.6
Russian Federation	644	74.0	10.2	74.0	6.6	8.3	0.9	0.0	71.7	76.0
Saudi Arabia	670	47.6	17.4	47.6	14.8	18.1	1.8	0.3	53.2	41.5
Serbia	622	44.8	21.5	44.8	15.5	13.3	4.7	0.2	44.1	45.4
Singapore	915	75.8	15.2	75.8	6.2	2.5	0.3	0.0	74.0	77.5
Slovak Republic	795	71.3	8.9	71.3	9.2	9.4	0.9	0.3	68.1	74.7
Slovenia	632	72.3	12.2	72.3	8.0	6.3	1.1	0.1	74.9	70.0
Spain	600	55.5	20.0	55.5	11.0	9.6	3.9	0.0	55.6	55.4
Sweden	676	50.1	31.8	50.1	9.4	5.4	3.2	0.1	53.0	47.4
Thailand	640	34.5	20.3	34.5	24.6	20.1	0.2	0.3	41.4	28.0
Tunisia	662	28.4	10.3	28.4	23.2	26.6	8.4	3.0	25.3	31.5
Turkey	1052	52.0	16.1	52.0	19.0	12.0	0.9	0.0	54.0	50.0
United Arab Emirates	2103	43.1	19.2	43.1	17.8	17.9	1.8	0.3	44.6	41.6
United States	1812	49.7	24.7	49.7	13.5	11.5	0.4	0.2	48.5	50.9
Yemen	1163	31.9	15.7	31.9	20.4	24.6	6.1	1.3	33.1	31.2
International Avg. (49)	36551	54.5	17.9	54.5	13.8	11.4	2.1	0.3	53.8	55.1
Botswana (6)	602	34.8	13.2	34.8	25.5	25.5	1.0	0.0	38.1	31.3
Honduras (6)	571	48.8	11.8	48.8	15.6	22.0	1.5	0.2	49.4	48.2
Yemen (6)	701	28.6	20.5	28.6	22.5	26.1	2.3	0.0	27.8	29.2
Alberta, Canada	518	55.4	20.4	55.4	9.1	13.2	1.3	0.5	53.7	56.7
Ontario, Canada	659	51.9	22.2	51.9	13.2	10.5	1.8	0.3	50.1	53.6
Quebec, Canada	595	53.8	22.0	53.8	12.2	10.7	1.3	0.0	52.9	54.7
Abu Dhabi, UAE	592	42.3	19.6	42.3	17.4	18.3	2.3	0.1	45.6	38.6
Dubai, UAE	877	41.5	21.7	41.5	19.7	15.7	1.1	0.4	42.0	41.1
Florida, US	389	46.5	25.9	46.5	11.7	14.9	0.3	0.7	45.4	47.7
North Carolina, US	263	51.2	20.7	51.2	14.7	12.2	1.3	0.0	47.3	55.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S07_02 (S031266): Life Science / Reasoning

Label: Only female Siberian tigers left - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	36.3	14.5	14.5	16.9	36.3	16.2	1.7	37.5	35.2
Australia	868	59.6	15.3	16.5	6.6	59.6	1.9	0.1	57.1	61.9
Austria	667	56.4	22.9	12.5	4.5	56.4	3.7	0.0	52.6	59.6
Azerbaijan	699	36.0	27.3	16.6	6.3	36.0	12.9	0.9	40.5	32.2
Bahrain	583	34.3	21.3	23.4	17.1	34.3	3.6	0.4	37.5	31.1
Belgium (Flemish)	694	46.6	27.8	14.7	8.7	46.6	2.2	0.0	44.8	48.3
Chile	804	54.3	21.1	12.4	10.0	54.3	2.0	0.3	50.9	57.7
Chinese Taipei	611	67.4	18.9	8.4	4.9	67.4	0.5	0.0	65.8	68.7
Croatia	646	67.5	18.2	8.6	3.6	67.5	2.0	0.1	65.2	69.5
Czech Republic	651	62.1	21.7	6.4	8.3	62.1	1.6	0.0	63.3	60.9
Denmark	557	69.5	15.0	7.9	3.9	69.5	3.5	0.3	73.3	65.6
England	479	63.0	15.3	11.7	7.5	63.0	2.3	0.2	66.7	59.2
Finland	656	71.2	15.1	7.5	5.2	71.2	1.0	0.0	73.4	68.8
Georgia	692	38.7	26.3	19.5	10.7	38.7	4.3	0.5	41.5	36.2
Germany	573	58.9	21.9	12.4	4.2	58.9	2.5	0.0	56.8	61.1
Hong Kong SAR	570	72.4	9.7	8.7	8.8	72.4	0.4	0.0	73.1	71.9
Hungary	742	73.9	10.1	10.1	4.2	73.9	1.4	0.3	78.5	69.8
Iran, Islamic Rep. of	827	27.6	26.0	19.7	17.4	27.6	7.8	1.4	28.4	26.9
Ireland	658	55.0	18.8	16.8	8.6	55.0	0.8	0.0	54.6	55.3
Italy	590	56.2	25.6	9.6	7.0	56.2	1.6	0.1	54.7	57.5
Japan	631	56.1	16.5	14.6	11.9	56.1	0.9	0.0	55.0	57.1
Kazakhstan	622	47.3	27.6	9.4	13.9	47.3	1.6	0.1	48.1	46.8
Korea, Rep. of	613	88.1	6.1	3.7	1.8	88.1	0.3	0.0	87.2	88.8
Kuwait	580	28.2	19.5	21.2	22.9	28.2	7.8	0.4	29.5	26.5
Lithuania	669	60.4	24.8	6.0	7.2	60.4	1.5	0.1	63.7	57.2
Malta	516	46.4	20.5	16.3	12.4	46.4	4.4	0.0	46.9	46.0
Morocco	1022	22.1	18.5	26.7	23.0	22.1	7.0	2.7	19.1	24.5
Netherlands	470	64.2	20.7	8.5	5.3	64.2	1.3	0.0	64.8	63.7
New Zealand	807	51.8	18.8	17.8	9.9	51.8	1.5	0.2	50.8	52.6
Northern Ireland	512	56.1	19.2	15.3	7.1	56.1	2.3	0.0	51.7	59.4
Norway	442	61.6	18.7	9.6	7.9	61.6	1.9	0.3	60.9	62.4
Oman	1479	23.9	24.2	21.3	24.9	23.9	5.4	0.1	25.2	22.6
Poland	720	61.3	15.2	12.8	8.7	61.3	1.9	0.0	62.2	60.5
Portugal	572	50.8	21.4	16.8	8.0	50.8	2.9	0.1	50.6	51.0
Qatar	596	27.9	24.6	25.9	19.1	27.9	2.5	0.1	28.8	27.1
Romania	671	58.2	24.0	5.9	8.1	58.2	3.6	0.2	62.6	54.1
Russian Federation	644	74.8	10.3	8.5	5.2	74.8	1.1	0.0	75.8	74.0
Saudi Arabia	670	31.9	21.4	23.6	20.7	31.9	2.1	0.3	33.1	30.7
Serbia	622	58.0	25.2	9.2	3.4	58.0	4.0	0.2	53.8	61.7
Singapore	915	73.7	11.4	9.2	5.4	73.7	0.3	0.0	74.0	73.4
Slovak Republic	795	76.0	8.6	7.6	7.0	76.0	0.6	0.3	76.9	75.0
Slovenia	631	65.0	12.6	10.2	9.5	65.0	2.6	0.1	67.1	63.1
Spain	600	67.2	13.2	9.2	7.4	67.2	2.9	0.0	68.7	65.8
Sweden	676	71.8	14.6	8.2	3.7	71.8	1.3	0.3	71.9	71.7
Thailand	640	58.2	12.2	12.7	15.8	58.2	0.7	0.3	61.3	55.3
Tunisia	683	19.5	11.9	23.3	31.6	19.5	10.3	3.4	24.7	14.4
Turkey	1052	49.1	17.2	19.0	13.7	49.1	1.1	0.0	47.3	50.8
United Arab Emirates	2103	32.0	23.0	24.3	16.4	32.0	4.0	0.3	32.6	31.4
United States	1812	63.6	17.6	11.8	6.1	63.6	0.6	0.2	64.2	63.0
Yemen	1163	19.6	15.3	24.0	30.5	19.6	9.1	1.4	18.6	20.3
International Avg. (50)	37217	53.4	18.6	13.8	10.7	53.4	3.2	0.4	53.9	53.0
Botswana (6)	602	35.0	33.7	16.9	13.5	35.0	0.9	0.0	36.4	33.5
Honduras (6)	571	58.5	23.7	8.2	7.5	58.5	1.8	0.3	65.0	52.5
Yemen (6)	701	30.5	17.9	21.8	24.8	30.5	5.0	0.0	28.9	31.7
Alberta, Canada	518	58.2	19.9	12.9	6.5	58.2	1.9	0.5	59.0	57.5
Ontario, Canada	659	51.6	20.0	16.5	9.7	51.6	1.9	0.3	51.3	51.9
Quebec, Canada	595	64.8	17.5	10.8	5.2	64.8	1.6	0.0	66.8	62.8
Abu Dhabi, UAE	592	29.4	24.3	25.8	15.8	29.4	4.6	0.1	32.7	25.7
Dubai, UAE	877	36.7	21.1	22.6	16.0	36.7	3.2	0.4	35.3	38.0
Florida, US	389	57.8	22.2	11.9	6.8	57.8	0.5	0.7	57.6	57.9
North Carolina, US	263	69.8	14.2	8.8	5.5	69.8	1.8	0.0	67.2	72.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S07_03 (S031233): Life Science / Applying
Label: Main features of four animals - Points: 1

COUNTRY	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	38.0	19.4	21.8	10.6	8.3	2.0	38.0	37.3	38.7
Australia	868	69.6	12.9	12.4	4.5	0.5	0.2	69.6	64.1	74.7
Austria	667	62.7	15.3	15.7	4.6	1.8	0.0	62.7	62.8	62.5
Azerbaijan	700	46.5	13.3	10.9	8.8	19.5	0.9	46.5	49.9	43.7
Bahrain	583	48.6	21.3	17.9	9.8	1.9	0.4	48.6	52.5	44.9
Belgium (Flemish)	694	65.9	17.2	11.5	4.7	0.4	0.4	65.9	69.0	63.0
Chile	804	59.8	18.6	14.0	4.9	1.9	0.8	59.8	59.8	59.9
Chinese Taipei	611	69.1	2.6	27.4	0.8	0.2	0.0	69.1	71.6	67.0
Croatia	646	64.7	13.1	13.9	7.0	1.2	0.1	64.7	65.2	64.2
Czech Republic	651	62.8	25.8	9.3	1.8	0.3	0.0	62.8	61.2	64.4
Denmark	557	76.1	6.6	11.9	4.0	1.1	0.3	76.1	76.0	76.3
England	479	66.9	15.9	9.3	7.2	0.5	0.2	66.9	63.8	70.1
Finland	656	63.6	17.9	11.6	6.0	0.9	0.0	63.6	62.1	65.2
Georgia	692	44.0	18.1	24.2	9.1	4.0	0.6	44.0	46.5	41.6
Germany	573	65.6	14.2	12.7	5.5	1.9	0.0	65.6	61.0	70.5
Hong Kong SAR	570	69.1	8.9	19.2	2.2	0.5	0.0	69.1	69.9	68.4
Hungary	742	80.4	8.2	7.9	2.5	0.6	0.4	80.4	79.9	80.8
Iran, Islamic Rep. of	826	50.0	18.9	16.7	11.0	1.8	1.6	50.0	49.2	50.8
Ireland	658	57.6	24.4	10.1	6.6	1.2	0.0	57.6	62.7	53.3
Italy	590	79.4	5.8	12.6	2.1	0.1	0.1	79.4	80.7	78.2
Japan	631	70.0	5.1	23.9	0.5	0.5	0.0	70.0	68.7	71.3
Kazakhstan	622	57.1	13.8	15.7	10.2	2.7	0.5	57.1	63.0	52.4
Korea, Rep. of	613	88.4	4.2	6.4	0.9	0.2	0.0	88.4	88.3	88.4
Kuwait	591	29.0	25.1	20.3	19.3	5.8	0.4	29.0	32.7	24.5
Lithuania	669	62.6	19.8	10.5	5.9	1.0	0.1	62.6	62.1	63.2
Malta	516	54.3	17.5	14.2	12.0	2.0	0.0	54.3	52.0	56.4
Morocco	1107	15.7	19.8	18.0	24.5	19.0	2.9	15.7	17.3	14.4
Netherlands	470	60.1	21.0	13.3	4.4	1.0	0.2	60.1	59.5	60.6
New Zealand	807	59.3	16.3	16.6	6.8	0.7	0.3	59.3	62.2	56.9
Northern Ireland	512	65.5	15.5	12.0	6.3	0.7	0.0	65.5	61.8	68.4
Norway	442	63.1	13.2	20.6	1.6	1.2	0.3	63.1	62.2	64.1
Oman	1479	30.8	27.2	15.4	21.8	4.4	0.3	30.8	36.4	25.1
Poland	720	63.8	15.4	12.4	6.4	2.0	0.1	63.8	58.9	68.3
Portugal	572	73.6	12.9	8.7	3.8	0.8	0.1	73.6	75.9	71.4
Qatar	596	37.9	22.7	23.1	14.2	2.1	0.1	37.9	41.9	34.2
Romania	672	53.3	19.8	14.6	8.1	3.7	0.5	53.3	58.4	48.6
Russian Federation	644	72.0	16.4	8.5	2.0	1.1	0.0	72.0	71.7	72.3
Saudi Arabia	671	33.5	26.6	25.3	10.1	4.3	0.3	33.5	35.7	31.0
Serbia	622	50.9	22.6	14.8	9.6	1.9	0.2	50.9	49.8	51.9
Singapore	915	83.0	6.1	8.2	2.5	0.2	0.0	83.0	84.1	82.0
Slovak Republic	795	75.2	9.2	9.6	3.9	1.6	0.5	75.2	77.3	72.9
Slovenia	633	58.3	21.2	10.2	8.7	1.4	0.1	58.3	55.7	60.7
Spain	600	63.9	15.5	12.4	6.2	1.9	0.0	63.9	67.3	60.8
Sweden	676	64.9	11.0	19.0	3.5	1.1	0.3	64.9	71.6	58.9
Thailand	640	64.2	12.1	15.2	5.9	2.1	0.5	64.2	67.0	61.6
Tunisia	700	25.7	17.3	16.8	30.5	5.4	4.2	25.7	25.5	25.9
Turkey	1052	52.9	18.4	18.2	9.1	1.3	0.0	52.9	52.0	53.8
United Arab Emirates	2103	45.1	22.1	18.0	12.1	2.2	0.4	45.1	46.4	43.7
United States	1812	69.3	17.0	8.4	4.1	0.9	0.2	69.3	68.6	70.0
Yemen	1161	14.0	20.3	10.1	41.6	12.4	1.5	14.0	17.6	11.6
International Avg. (50)	37332	58.0	16.1	14.6	8.2	2.7	0.4	58.0	58.7	57.3
Botswana (6)	602	35.6	34.9	16.0	13.0	0.4	0.1	35.6	33.8	37.4
Honduras (6)	571	56.3	22.6	11.8	7.1	1.7	0.5	56.3	54.2	58.3
Yemen (6)	699	29.2	26.7	19.5	20.6	4.0	0.1	29.2	24.9	32.4
Alberta, Canada	518	65.6	16.2	12.4	3.8	1.5	0.5	65.6	67.7	64.0
Ontario, Canada	659	63.1	17.5	13.0	4.7	1.2	0.5	63.1	62.7	63.6
Quebec, Canada	595	67.5	15.3	12.3	3.8	1.1	0.1	67.5	65.9	69.2
Abu Dhabi, UAE	592	41.3	23.9	18.5	13.6	2.1	0.6	41.3	42.4	40.0
Dubai, UAE	877	48.1	20.2	18.8	10.7	1.9	0.4	48.1	46.6	49.4
Florida, US	389	72.3	12.4	9.0	4.6	1.0	0.7	72.3	69.7	75.2
North Carolina, US	263	74.1	13.4	9.9	1.5	1.0	0.0	74.1	78.1	69.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_04 (S031204): Physical Science / Applying
Label: Coarse & fine salt added to water - Points: 1

COUNTRY	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	22.5	52.4	5.2	8.5	4.2	4.5	2.6	22.5	27.4	17.5
Australia	868	46.6	25.3	14.8	11.8	0.8	0.5	0.2	46.6	49.9	43.5
Austria	667	42.1	39.7	9.2	6.8	0.5	1.4	0.3	42.1	48.3	37.0
Azerbaijan	700	19.4	54.3	4.6	4.5	4.6	11.2	1.4	19.4	19.4	19.4
Bahrain	583	21.8	54.9	7.6	10.3	3.6	1.1	0.5	21.8	27.0	16.8
Belgium (Flemish)	694	38.1	43.1	7.7	8.9	0.9	0.9	0.4	38.1	43.6	33.0
Chile	804	41.8	36.3	5.3	12.3	1.9	1.4	1.0	41.8	43.1	40.5
Chinese Taipei	611	57.5	28.9	7.9	3.4	2.1	0.2	0.0	57.5	61.9	53.8
Croatia	646	44.5	37.8	3.6	11.8	1.1	1.1	0.1	44.5	49.2	40.4
Czech Republic	651	37.2	39.6	7.5	12.1	1.4	2.3	0.0	37.2	35.9	38.4
Denmark	557	45.9	18.6	11.1	10.4	11.0	2.6	0.4	45.9	45.0	46.7
England	479	45.0	34.1	8.5	10.4	0.7	1.2	0.2	45.0	47.5	42.3
Finland	656	49.7	32.8	6.9	7.8	0.0	2.9	0.0	49.7	59.2	39.4
Georgia	692	21.9	48.8	6.1	6.6	9.0	6.5	1.1	21.9	26.2	18.1
Germany	573	46.9	35.2	8.5	7.5	0.7	0.9	0.3	46.9	50.1	43.5
Hong Kong SAR	570	37.8	42.9	7.4	10.7	0.6	0.4	0.2	37.8	43.4	33.5
Hungary	742	36.6	41.4	5.0	12.1	3.0	1.5	0.5	36.6	42.1	31.7
Iran, Islamic Rep. of	827	24.1	58.3	6.4	7.7	0.9	1.0	1.7	24.1	25.8	22.6
Ireland	658	37.9	34.8	17.6	7.8	0.5	1.5	0.0	37.9	46.6	30.4
Italy	590	51.2	30.3	6.8	9.4	1.3	0.9	0.1	51.2	55.1	47.8
Japan	631	60.3	22.5	9.5	6.6	0.8	0.3	0.0	60.3	62.5	58.3
Kazakhstan	622	39.2	29.9	4.9	8.9	11.5	4.7	0.8	39.2	39.6	38.8
Korea, Rep. of	613	78.9	17.7	1.5	1.2	0.2	0.4	0.0	78.9	83.3	74.9
Kuwait	591	17.2	48.7	13.1	7.0	7.2	6.0	0.8	17.2	20.0	13.9
Lithuania	669	37.5	41.0	6.5	14.2	0.0	0.4	0.3	37.5	40.6	34.5
Malta	516	12.4	29.7	28.5	21.3	5.6	2.4	0.0	12.4	13.7	11.3
Morocco	1107	5.0	53.5	11.2	13.4	8.5	4.2	4.2	5.0	5.0	5.1
Netherlands	470	44.5	37.3	9.6	5.9	1.0	1.2	0.4	44.5	50.8	38.1
New Zealand	807	42.2	30.6	15.3	9.7	0.7	1.2	0.4	42.2	47.8	37.5
Northern Ireland	512	35.1	39.4	13.7	11.3	0.2	0.3	0.0	35.1	41.7	30.1
Norway	442	25.5	31.8	23.0	16.0	0.0	2.3	1.3	25.5	26.7	24.2
Oman	1479	23.4	43.0	8.6	6.6	15.0	3.0	0.4	23.4	27.5	19.2
Poland	720	33.0	39.9	9.2	15.9	0.7	1.1	0.2	33.0	34.3	31.7
Portugal	572	43.5	41.1	3.1	11.0	0.5	0.6	0.1	43.5	46.8	40.4
Qatar	596	22.3	46.1	14.1	9.3	5.9	1.7	0.6	22.3	24.5	20.2
Romania	672	38.0	41.9	3.8	6.8	7.1	1.9	0.6	38.0	44.5	32.0
Russian Federation	644	33.4	48.5	3.4	11.6	1.8	1.1	0.2	33.4	34.8	32.3
Saudi Arabia	671	29.5	50.3	7.6	10.2	1.0	1.1	0.4	29.5	36.6	21.8
Serbia	622	51.5	35.6	5.1	5.2	1.1	1.2	0.2	51.5	55.2	48.2
Singapore	915	54.1	28.1	9.0	7.9	0.7	0.2	0.0	54.1	61.2	47.4
Slovak Republic	795	41.3	41.7	3.1	11.2	1.2	1.1	0.5	41.3	44.8	37.6
Slovenia	633	52.0	31.3	7.6	7.3	1.3	0.3	0.2	52.0	52.2	51.9
Spain	600	28.1	45.3	7.3	10.8	5.8	2.8	0.0	28.1	28.2	27.9
Sweden	676	43.6	29.5	17.1	7.5	0.1	1.9	0.3	43.6	45.1	42.2
Thailand	640	37.9	32.0	10.9	10.0	6.5	1.9	0.8	37.9	47.2	29.1
Tunisia	700	20.2	49.8	5.5	8.5	9.0	2.1	5.0	20.2	24.2	16.3
Turkey	1051	45.1	37.7	3.3	3.2	9.6	0.8	0.1	45.1	51.1	39.2
United Arab Emirates	2103	20.6	51.4	10.0	11.3	4.6	1.6	0.5	20.6	21.5	19.8
United States	1812	55.7	22.0	9.8	10.6	0.6	1.0	0.3	55.7	55.8	55.6
Yemen	1161	9.7	49.9	14.5	9.6	10.8	3.8	1.8	9.7	16.1	5.4
International Avg. (50)	37332	37.0	38.7	9.0	9.4	3.4	1.9	0.6	37.0	40.6	33.6
Botswana (6)	602	20.4	55.4	6.9	9.5	6.8	0.6	0.3	20.4	24.5	16.1
Honduras (6)	571	26.6	51.4	6.0	11.4	1.7	1.7	1.2	26.6	32.4	21.2
Yemen (6)	699	24.2	50.5	10.0	9.7	3.4	1.5	0.7	24.2	26.9	22.1
Alberta, Canada	518	54.7	23.1	9.7	8.5	1.9	1.6	0.5	54.7	59.0	51.5
Ontario, Canada	659	59.2	20.3	7.7	9.6	0.3	2.1	0.9	59.2	63.9	54.8
Quebec, Canada	594	48.6	22.8	9.9	14.5	1.4	2.7	0.1	48.6	50.8	46.4
Abu Dhabi, UAE	592	16.5	53.6	10.5	11.4	5.7	1.6	0.6	16.5	18.3	14.4
Dubai, UAE	877	30.5	47.0	9.8	9.8	1.4	1.3	0.4	30.5	28.7	32.1
Florida, US	389	51.2	27.2	9.4	10.3	0.3	0.8	0.7	51.2	53.6	48.5
North Carolina, US	263	60.0	24.0	8.5	6.2	0.5	0.6	0.3	60.0	70.3	48.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_05 (S031273): Physical Science / Applying
Label: Metal spoon and wooden spoon - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	32.7	19.5	32.7	16.7	21.1	7.0	3.1	35.8	29.8
Australia	868	64.7	17.2	64.7	6.8	10.1	0.8	0.2	59.9	69.2
Austria	667	60.6	15.4	60.6	10.9	10.8	2.1	0.3	51.4	68.4
Azerbaijan	700	52.4	15.0	52.4	8.5	11.1	10.7	2.4	57.0	48.6
Bahrain	583	42.4	31.8	42.4	9.5	13.3	2.4	0.7	46.7	38.3
Belgium (Flemish)	694	50.9	20.3	50.9	7.4	20.3	0.6	0.5	49.3	52.4
Chile	804	48.6	30.6	48.6	10.5	6.3	2.7	1.1	46.4	50.9
Chinese Taipei	611	60.5	18.7	60.5	12.2	8.2	0.3	0.0	52.1	67.8
Croatia	646	46.4	17.9	46.4	14.7	19.2	1.7	0.2	42.3	50.0
Czech Republic	651	45.9	30.7	45.9	8.7	13.7	0.8	0.1	41.9	49.9
Denmark	557	57.2	16.7	57.2	8.3	14.6	2.7	0.6	58.3	56.0
England	479	72.1	10.7	72.1	7.5	8.0	1.5	0.2	70.7	73.5
Finland	655	82.4	5.5	82.4	5.6	5.1	1.1	0.3	84.7	79.9
Georgia	692	53.9	23.4	53.9	8.2	11.1	1.4	2.0	58.0	50.3
Germany	573	61.7	12.4	61.7	11.5	11.4	2.6	0.5	56.9	66.7
Hong Kong SAR	570	86.2	5.8	86.2	4.3	3.5	0.0	0.2	87.5	85.2
Hungary	741	67.6	14.0	67.6	7.3	8.3	2.1	0.7	68.3	67.0
Iran, Islamic Rep. of	827	41.5	20.7	41.5	22.5	10.5	2.9	2.0	36.7	45.9
Ireland	658	64.6	18.5	64.6	9.1	7.8	0.0	0.0	61.9	66.9
Italy	590	64.8	21.7	64.8	5.5	6.0	2.0	0.1	63.4	66.0
Japan	631	87.5	2.8	87.5	3.4	5.6	0.6	0.1	88.3	86.6
Kazakhstan	622	49.1	21.8	49.1	12.8	14.1	0.8	1.4	50.1	48.4
Korea, Rep. of	613	95.8	2.0	95.8	1.3	0.7	0.1	0.0	96.4	95.3
Kuwait	583	34.5	29.2	34.5	13.0	13.7	8.6	1.1	38.4	29.6
Lithuania	669	47.2	32.5	47.2	8.8	9.4	1.9	0.3	49.8	44.6
Malta	516	39.8	29.8	39.8	12.9	15.7	1.8	0.0	40.1	39.6
Morocco	1051	34.3	22.6	34.3	20.9	11.5	6.0	4.8	34.1	34.5
Netherlands	470	51.2	12.3	51.2	9.7	25.7	0.6	0.4	47.6	54.8
New Zealand	807	46.8	19.3	46.8	14.8	17.0	1.7	0.5	46.1	47.3
Northern Ireland	512	63.7	15.0	63.7	8.7	12.4	0.1	0.0	59.8	66.7
Norway	442	46.1	16.8	46.1	14.2	18.2	3.2	1.6	40.3	52.2
Oman	1479	35.9	27.0	35.9	17.7	14.2	3.6	1.7	36.7	35.0
Poland	720	54.6	22.8	54.6	10.1	10.5	1.6	0.4	51.1	57.9
Portugal	572	54.1	20.8	54.1	14.3	10.0	0.8	0.1	52.7	55.4
Qatar	596	48.7	20.0	48.7	14.4	14.1	2.3	0.6	47.6	49.7
Romania	671	53.6	26.3	53.6	10.5	5.8	3.0	0.8	55.5	51.7
Russian Federation	644	63.3	24.8	63.3	3.7	7.1	0.4	0.7	62.5	64.0
Saudi Arabia	670	41.7	27.0	41.7	14.9	15.7	0.4	0.4	41.9	41.5
Serbia	622	68.4	12.6	68.4	9.6	7.2	1.7	0.4	73.8	63.6
Singapore	915	89.1	4.7	89.1	2.7	3.2	0.2	0.0	89.5	88.8
Slovak Republic	795	41.5	34.5	41.5	15.7	6.9	0.8	0.5	36.6	46.8
Slovenia	632	58.2	14.7	58.2	8.6	15.7	2.4	0.3	58.7	57.8
Spain	600	63.0	17.8	63.0	10.9	6.6	1.3	0.4	64.4	61.7
Sweden	676	66.1	11.0	66.1	12.6	8.5	1.4	0.3	61.0	70.8
Thailand	640	52.6	21.8	52.6	14.3	10.4	0.0	0.8	56.9	48.5
Tunisia	652	46.7	16.3	46.7	14.7	7.4	8.6	6.3	47.3	46.1
Turkey	1052	50.4	20.5	50.4	9.1	18.3	1.5	0.1	54.6	46.2
United Arab Emirates	2103	44.4	25.9	44.4	11.8	15.6	1.7	0.6	42.5	46.4
United States	1812	69.5	12.9	69.5	8.9	7.5	0.9	0.3	68.8	70.4
Yemen	1163	29.3	20.0	29.3	24.1	15.6	8.6	2.4	29.9	28.9
International Avg. (50)	37218	55.7	19.0	55.7	10.9	11.3	2.2	0.9	55.0	56.3
Botswana (6)	602	46.7	20.9	46.7	16.4	15.1	0.6	0.3	45.1	48.3
Honduras (6)	571	27.2	49.2	27.2	7.5	12.1	2.8	1.3	28.3	26.2
Yemen (6)	701	47.7	21.7	47.7	10.8	16.0	2.9	1.0	48.7	47.0
Alberta, Canada	518	66.8	13.1	66.8	9.1	8.8	1.2	0.9	64.7	68.4
Ontario, Canada	659	59.8	13.0	59.8	11.0	13.0	1.5	1.7	63.0	56.8
Quebec, Canada	595	50.7	23.6	50.7	9.7	13.4	2.4	0.3	46.9	54.5
Abu Dhabi, UAE	592	42.2	25.8	42.2	13.8	15.7	1.7	0.8	39.5	45.1
Dubai, UAE	877	49.4	23.1	49.4	9.9	14.8	2.2	0.6	50.9	48.0
Florida, US	389	71.3	12.5	71.3	7.7	7.2	0.5	0.7	71.7	70.8
North Carolina, US	263	70.0	14.6	70.0	7.3	6.6	1.2	0.3	68.4	71.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S07_06 (S031299): Physical Science / Knowing
Label: Sunlight made up of colors - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	1.1	14.6	0.8	0.6	32.8	46.0	4.1	17.1	18.9	15.5
Australia	868	1.7	28.2	10.5	0.6	51.4	7.1	0.4	41.0	43.4	38.7
Austria	667	1.7	22.8	7.9	0.3	36.8	30.2	0.3	32.7	32.6	32.8
Azerbaijan	700	0.9	29.5	2.5	0.5	19.6	44.2	2.9	33.4	34.3	32.6
Bahrain	583	3.9	28.0	6.5	0.7	43.8	16.1	1.1	39.0	43.7	34.5
Belgium (Flemish)	694	2.0	30.1	11.9	1.1	44.5	9.7	0.7	45.1	48.0	42.3
Chile	804	2.0	30.0	3.1	1.4	47.6	14.0	1.9	36.5	37.8	35.2
Chinese Taipei	611	4.4	25.3	5.6	1.0	46.7	16.9	0.0	36.3	36.4	36.3
Croatia	645	1.7	37.6	9.2	1.6	21.3	28.4	0.3	50.0	51.5	48.7
Czech Republic	651	1.7	31.2	5.6	0.9	37.9	22.6	0.1	39.4	39.9	38.9
Denmark	557	4.9	32.0	15.2	1.1	30.0	15.6	1.2	53.2	50.7	55.8
England	479	1.7	27.0	8.8	1.2	51.3	9.4	0.6	38.7	36.1	41.4
Finland	656	2.5	37.0	4.5	4.9	32.9	17.9	0.3	48.9	55.0	42.3
Georgia	692	6.1	19.6	2.6	1.2	31.8	36.3	2.3	29.6	33.6	26.1
Germany	573	2.5	25.2	14.2	0.2	35.9	21.3	0.7	42.2	42.2	42.1
Hong Kong SAR	570	2.6	46.7	0.5	0.5	43.5	6.0	0.2	50.3	53.9	47.5
Hungary	742	1.6	24.2	10.1	0.7	40.6	21.5	1.3	36.6	34.8	38.2
Iran, Islamic Rep. of	827	1.2	28.7	4.1	1.0	40.1	22.5	2.5	34.9	36.4	33.5
Ireland	658	3.7	35.8	9.4	2.9	38.8	9.3	0.0	51.9	54.7	49.4
Italy	590	2.9	31.1	8.1	0.6	30.8	26.1	0.3	42.8	44.9	40.8
Japan	631	3.3	20.5	3.4	1.9	59.8	10.8	0.4	29.0	27.5	30.3
Kazakhstan	622	6.0	13.5	11.5	5.6	42.8	19.2	1.4	36.6	36.1	37.0
Korea, Rep. of	613	3.3	36.3	3.5	0.2	51.1	5.5	0.0	43.4	38.0	48.2
Kuwait	590	1.8	13.3	0.1	0.3	47.7	34.9	1.9	15.6	17.8	12.8
Lithuania	669	0.9	26.0	17.9	0.3	29.6	25.0	0.3	45.1	46.2	44.1
Malta	516	1.7	16.7	9.6	0.6	44.3	26.9	0.2	28.6	28.4	28.8
Morocco	1107	0.0	12.6	0.7	0.1	31.0	48.7	6.8	13.4	14.5	12.6
Netherlands	470	1.9	25.1	13.0	1.0	52.8	5.5	0.6	41.0	42.4	39.7
New Zealand	807	3.0	26.9	6.9	0.1	56.4	5.8	0.8	37.0	41.8	32.8
Northern Ireland	512	0.7	31.4	7.0	1.0	47.1	12.8	0.0	40.1	39.7	40.3
Norway	442	0.7	19.9	10.1	1.1	41.9	24.6	1.7	31.8	35.2	28.2
Oman	1479	2.1	25.3	2.4	0.9	42.6	23.9	2.7	30.7	34.2	27.1
Poland	720	3.4	11.3	6.6	0.5	37.6	39.6	0.8	21.9	22.7	21.3
Portugal	572	1.8	38.2	11.1	2.5	32.0	14.2	0.1	53.7	54.1	53.3
Qatar	596	3.7	17.3	2.9	0.9	55.4	19.0	0.9	24.7	26.8	22.7
Romania	672	8.2	47.5	2.7	3.2	21.0	16.4	1.0	61.6	66.5	57.0
Russian Federation	644	4.2	29.4	12.2	1.4	32.7	19.4	0.7	47.2	50.7	44.2
Saudi Arabia	671	1.4	22.9	5.6	0.8	53.3	15.7	0.4	30.6	36.1	24.6
Serbia	622	2.1	53.3	6.5	1.0	19.8	16.7	0.7	62.8	63.9	61.9
Singapore	915	3.7	59.5	2.2	2.3	30.0	2.4	0.0	67.6	70.0	65.5
Slovak Republic	795	3.9	29.5	5.0	0.6	37.2	23.3	0.5	39.0	44.3	33.4
Slovenia	633	2.1	26.2	2.6	1.6	45.5	21.6	0.3	32.5	30.1	34.7
Spain	600	14.3	27.1	2.7	1.0	35.0	19.1	0.7	45.2	48.8	41.7
Sweden	676	0.8	28.4	10.3	2.8	39.1	17.8	0.8	42.3	44.2	40.5
Thailand	640	5.5	15.8	0.5	0.6	64.5	12.2	0.8	22.5	25.2	19.9
Tunisia	700	0.5	14.5	3.2	0.4	50.8	23.3	7.3	18.6	22.1	15.3
Turkey	1051	4.9	24.8	3.8	1.0	50.7	14.4	0.5	34.4	35.5	33.3
United Arab Emirates	2103	5.0	18.2	4.0	0.6	53.3	18.2	0.8	27.8	29.3	26.2
United States	1812	4.8	32.6	12.3	0.9	46.5	2.6	0.4	50.6	55.4	45.6
Yemen	1161	0.3	4.3	0.1	0.0	43.7	48.0	3.6	4.6	6.5	3.4
International Avg. (50)	37330	2.9	27.1	6.4	1.2	41.1	20.2	1.2	37.6	39.3	36.0
Botswana (6)	602	0.0	8.8	1.1	0.3	84.6	4.6	0.6	10.1	10.5	9.7
Honduras (6)	571	4.0	32.2	5.8	0.9	38.7	16.5	1.8	43.0	48.4	38.0
Yemen (6)	701	2.6	18.2	4.2	0.0	50.9	22.7	1.4	25.0	30.3	21.0
Alberta, Canada	518	17.5	32.9	5.4	1.9	35.8	5.3	1.2	57.7	61.7	54.8
Ontario, Canada	659	9.4	32.7	7.6	0.8	40.6	6.7	2.1	50.6	50.8	50.4
Quebec, Canada	595	1.1	20.1	11.2	0.4	54.1	12.2	0.8	32.8	32.0	33.7
Abu Dhabi, UAE	592	6.3	15.8	2.9	0.2	58.3	15.4	1.0	25.3	29.0	21.2
Dubai, UAE	877	1.7	22.4	5.6	1.1	48.8	19.8	0.6	30.8	26.7	34.4
Florida, US	389	2.9	38.0	16.4	1.0	37.7	3.3	0.7	58.3	59.6	56.9
North Carolina, US	263	3.8	35.7	11.3	3.0	41.7	4.2	0.3	53.9	56.1	51.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_07 (S031281): Life Science / Knowing
Label: Why birds sit on their eggs - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	66.3	10.9	66.3	5.2	7.8	5.1	4.8	64.8	67.5
Australia	868	92.2	2.7	92.2	2.2	0.8	1.4	0.6	92.9	91.7
Austria	667	95.2	1.3	95.2	0.7	0.5	2.1	0.3	96.5	94.0
Azerbaijan	700	79.7	7.1	79.7	4.5	1.8	3.7	3.2	76.0	82.8
Bahrain	583	58.6	20.5	58.6	12.1	4.4	2.9	1.5	60.1	57.1
Belgium (Flemish)	694	94.1	2.2	94.1	1.7	0.3	1.0	0.7	94.6	93.6
Chile	804	80.3	6.1	80.3	5.4	3.5	2.1	2.7	79.8	80.9
Chinese Taipei	611	85.6	11.0	85.6	1.9	0.7	0.8	0.0	85.2	86.0
Croatia	646	90.8	5.0	90.8	1.9	1.0	1.0	0.4	91.3	90.3
Czech Republic	651	94.1	3.0	94.1	0.6	0.7	1.3	0.2	92.9	95.3
Denmark	557	93.1	1.9	93.1	0.8	1.0	1.9	1.4	94.8	91.3
England	479	89.2	2.3	89.2	4.7	1.6	1.5	0.6	90.4	87.9
Finland	655	95.6	1.4	95.6	1.1	0.6	1.1	0.3	94.8	96.4
Georgia	692	78.9	9.4	78.9	3.5	4.1	1.3	2.8	82.2	75.8
Germany	573	92.5	1.3	92.5	1.8	0.5	3.1	0.9	89.8	95.3
Hong Kong SAR	570	83.7	6.8	83.7	5.9	3.2	0.1	0.2	85.4	82.4
Hungary	742	89.5	3.3	89.5	1.5	1.5	2.6	1.7	90.3	88.8
Iran, Islamic Rep. of	827	67.3	13.8	67.3	9.3	5.7	1.0	2.9	64.7	69.6
Ireland	658	91.8	4.1	91.8	2.6	0.8	0.8	0.0	91.4	92.1
Italy	590	86.6	7.5	86.6	3.0	1.4	1.1	0.3	90.1	83.6
Japan	631	87.1	3.9	87.1	5.5	2.5	0.3	0.6	87.6	86.6
Kazakhstan	622	70.3	18.0	70.3	5.9	3.0	1.2	1.6	67.7	72.4
Korea, Rep. of	613	84.7	2.5	84.7	5.2	7.4	0.1	0.0	81.0	88.2
Kuwait	582	39.7	23.7	39.7	19.8	8.0	7.3	1.5	40.2	39.0
Lithuania	669	82.5	6.0	82.5	6.4	2.2	2.5	0.4	80.4	84.6
Malta	516	81.0	7.8	81.0	7.3	2.5	0.8	0.6	82.2	80.0
Morocco	1041	31.4	30.0	31.4	15.2	12.0	4.3	7.2	33.1	30.0
Netherlands	470	95.7	2.0	95.7	0.6	0.2	0.9	0.6	97.5	93.8
New Zealand	807	86.9	4.3	86.9	3.0	3.0	1.6	1.3	85.5	88.1
Northern Ireland	512	90.6	3.4	90.6	3.4	1.4	1.2	0.0	88.8	92.1
Norway	442	91.0	1.8	91.0	1.2	1.6	2.5	1.9	94.9	87.0
Oman	1479	43.1	30.9	43.1	12.1	7.8	3.2	2.9	42.5	43.7
Poland	720	88.1	5.6	88.1	2.9	1.2	1.4	0.8	88.1	88.1
Portugal	572	85.0	8.6	85.0	2.4	2.8	1.0	0.1	86.3	83.8
Qatar	596	57.3	19.5	57.3	13.5	6.2	2.4	1.1	60.3	54.5
Romania	670	84.2	5.7	84.2	3.2	2.6	3.4	1.0	85.8	82.6
Russian Federation	644	89.3	4.5	89.3	3.4	0.9	1.3	0.7	87.0	91.2
Saudi Arabia	670	53.7	26.2	53.7	9.5	9.1	0.9	0.5	54.9	52.4
Serbia	622	86.6	7.2	86.6	1.9	0.9	2.4	1.0	86.9	86.3
Singapore	915	92.9	3.1	92.9	2.3	1.4	0.3	0.0	92.1	93.7
Slovak Republic	795	90.6	4.2	90.6	3.0	1.1	0.5	0.5	89.1	92.3
Slovenia	632	92.5	2.3	92.5	2.3	1.1	1.5	0.3	96.3	89.0
Spain	600	89.4	5.0	89.4	2.1	0.7	1.9	0.9	91.9	87.1
Sweden	676	93.2	2.8	93.2	1.2	0.6	1.1	1.0	93.2	93.3
Thailand	640	68.8	12.6	68.8	7.9	9.6	0.3	0.8	69.3	68.4
Tunisia	646	46.3	14.9	46.3	14.3	7.4	8.5	8.5	46.5	46.2
Turkey	1052	76.9	11.8	76.9	5.2	4.8	0.8	0.5	77.4	76.4
United Arab Emirates	2103	63.9	16.6	63.9	10.0	6.5	2.0	0.9	62.7	65.2
United States	1812	93.6	2.0	93.6	2.1	0.5	1.3	0.5	94.3	92.8
Yemen	1163	30.7	19.8	30.7	23.2	14.5	7.6	4.2	30.3	30.9
International Avg. (50)	37201	79.4	8.6	79.4	5.3	3.3	2.0	1.3	79.6	79.2
Botswana (6)	602	45.6	16.6	45.6	15.5	20.7	1.0	0.6	42.6	48.8
Honduras (6)	570	77.1	11.5	77.1	1.0	5.7	2.7	2.0	76.2	77.9
Yemen (6)	701	43.3	25.6	43.3	15.7	11.2	2.6	1.6	40.2	45.6
Alberta, Canada	518	92.7	1.4	92.7	3.0	0.5	1.0	1.4	94.2	91.7
Ontario, Canada	659	90.0	2.0	90.0	2.7	1.1	1.9	2.3	89.1	90.8
Quebec, Canada	595	90.7	3.7	90.7	2.3	0.2	2.2	1.0	90.7	90.6
Abu Dhabi, UAE	592	58.2	19.7	58.2	11.5	7.4	1.8	1.4	56.5	60.2
Dubai, UAE	877	72.5	11.2	72.5	7.3	5.9	2.4	0.7	72.9	72.2
Florida, US	389	91.3	4.3	91.3	2.2	0.4	1.1	0.7	90.8	91.8
North Carolina, US	263	94.9	1.6	94.9	0.7	1.5	1.1	0.3	94.7	95.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S07_08 (S031077): Physical Science / Applying
Label: Object in circuit for bulb to glow - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	60.1	60.1	6.9	13.5	5.7	8.9	5.0	57.6	62.3
Australia	868	73.6	73.6	2.2	18.8	3.3	1.3	0.8	67.9	78.9
Austria	667	89.3	89.3	1.0	5.8	1.7	1.8	0.4	88.3	90.2
Azerbaijan	700	57.0	57.0	6.3	19.0	3.1	11.4	3.2	58.2	56.1
Bahrain	583	56.7	56.7	5.7	30.8	3.8	0.7	2.4	52.5	60.7
Belgium (Flemish)	694	77.6	77.6	2.0	13.3	4.3	2.1	0.7	72.9	82.0
Chile	804	59.3	59.3	6.3	20.0	8.7	2.8	2.9	53.5	65.2
Chinese Taipei	611	93.8	93.8	1.4	2.8	1.5	0.5	0.0	91.6	95.8
Croatia	646	72.9	72.9	4.7	13.7	5.1	3.2	0.4	66.8	78.2
Czech Republic	651	77.1	77.1	3.0	13.1	4.4	2.2	0.2	73.5	80.6
Denmark	557	75.0	75.0	3.4	15.6	1.5	2.8	1.8	73.1	76.9
England	479	83.7	83.7	2.9	10.6	1.3	0.6	1.0	81.3	86.1
Finland	655	86.2	86.2	1.5	7.2	3.6	1.2	0.3	84.4	88.1
Georgia	692	56.4	56.4	6.0	22.3	8.5	3.7	3.1	52.5	59.9
Germany	573	88.5	88.5	1.5	6.0	1.4	1.8	0.9	85.9	91.2
Hong Kong SAR	570	83.9	83.9	3.9	8.3	3.6	0.2	0.2	79.1	87.6
Hungary	742	73.0	73.0	3.0	12.8	3.8	5.7	1.7	69.5	76.2
Iran, Islamic Rep. of	827	81.8	81.8	2.6	6.8	4.2	1.6	3.0	80.3	83.2
Ireland	658	75.9	75.9	1.9	17.2	3.1	1.9	0.0	73.2	78.2
Italy	590	61.7	61.7	3.4	23.4	7.4	3.8	0.3	60.5	62.7
Japan	631	94.0	94.0	2.8	2.2	0.1	0.3	0.6	93.3	94.5
Kazakhstan	622	62.4	62.4	8.8	18.5	7.0	1.4	1.9	56.6	67.0
Korea, Rep. of	613	82.6	82.6	6.1	7.9	3.1	0.3	0.0	79.2	85.7
Kuwait	586	34.1	34.1	9.8	41.8	7.3	5.4	1.6	38.0	29.3
Lithuania	669	73.7	73.7	4.4	16.0	4.1	1.4	0.4	66.8	80.6
Malta	516	74.9	74.9	5.3	8.7	9.3	1.2	0.6	68.8	80.6
Morocco	1049	42.9	42.9	11.9	27.6	5.2	4.9	7.5	44.3	41.8
Netherlands	470	61.6	61.6	3.9	27.0	5.8	1.0	0.6	52.0	71.3
New Zealand	807	73.6	73.6	4.8	15.6	3.9	0.5	1.4	67.8	78.5
Northern Ireland	512	75.1	75.1	2.9	16.3	3.8	1.9	0.0	70.4	78.7
Norway	442	66.9	66.9	6.6	15.2	4.2	4.9	2.2	67.1	66.7
Oman	1479	68.5	68.5	8.7	9.3	8.1	2.4	3.0	69.7	67.2
Poland	720	73.9	73.9	3.5	11.5	8.3	1.8	1.1	68.7	78.6
Portugal	572	79.1	79.1	2.4	14.4	3.5	0.4	0.1	80.0	78.2
Qatar	596	61.5	61.5	9.4	17.6	8.6	1.6	1.3	59.4	63.4
Romania	672	74.0	74.0	3.1	16.9	2.2	2.4	1.3	73.6	74.4
Russian Federation	644	71.7	71.7	2.2	19.0	4.4	1.6	1.0	64.2	78.0
Saudi Arabia	670	52.7	52.7	7.5	32.9	5.8	0.6	0.5	55.1	50.1
Serbia	622	75.8	75.8	4.2	9.6	5.7	3.4	1.3	71.1	80.0
Singapore	915	93.7	93.7	2.3	3.1	0.8	0.0	0.0	92.5	94.8
Slovak Republic	795	87.3	87.3	3.0	5.1	2.9	1.0	0.6	87.2	87.4
Slovenia	632	76.4	76.4	6.5	12.4	2.5	1.5	0.7	68.9	83.1
Spain	600	70.9	70.9	2.7	14.7	6.0	4.8	0.9	70.1	71.7
Sweden	676	79.5	79.5	1.7	13.9	2.6	1.3	1.0	78.7	80.2
Thailand	640	67.9	67.9	10.0	9.8	10.0	1.4	0.8	66.4	69.4
Tunisia	678	46.4	46.4	12.1	20.7	6.0	6.2	8.5	44.0	48.8
Turkey	1052	63.4	63.4	7.8	21.7	5.8	0.7	0.6	63.4	63.4
United Arab Emirates	2103	61.0	61.0	5.5	22.3	8.6	1.6	0.9	59.6	62.5
United States	1812	84.0	84.0	2.1	9.9	2.4	1.0	0.6	79.7	88.5
Yemen	1163	36.2	36.2	20.8	21.7	10.8	6.1	4.4	35.7	36.6
International Avg. (50)	37247	71.0	71.0	5.0	15.3	4.8	2.4	1.5	68.3	73.4
Botswana (6)	602	67.9	67.9	7.1	12.6	10.8	0.7	0.8	64.3	71.7
Honduras (6)	571	59.3	59.3	5.2	24.6	6.6	1.8	2.5	57.4	61.0
Yemen (6)	701	59.4	59.4	15.7	13.4	7.6	2.4	1.6	54.6	63.0
Alberta, Canada	518	77.9	77.9	3.2	13.5	1.9	1.9	1.6	78.6	77.4
Ontario, Canada	659	75.9	75.9	2.0	15.3	2.5	1.4	3.0	77.6	74.2
Quebec, Canada	595	71.2	71.2	2.9	17.4	4.6	2.8	1.0	66.8	75.8
Abu Dhabi, UAE	592	57.8	57.8	5.4	26.0	8.6	0.9	1.4	56.7	59.0
Dubai, UAE	877	69.5	69.5	3.8	15.2	8.8	2.0	0.7	68.5	70.4
Florida, US	389	80.1	80.1	2.4	12.2	2.9	1.7	0.7	77.7	82.6
North Carolina, US	263	90.6	90.6	1.0	3.9	1.5	2.3	0.7	89.5	91.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S07_09 (S031311): Physical Science / Knowing

Label: Force that causes object to fall - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	28.0	13.4	28.0	11.1	35.6	5.5	6.4	28.8	27.3
Australia	868	79.4	1.6	79.4	6.4	9.5	2.4	0.8	77.6	81.1
Austria	667	62.4	7.5	62.4	10.7	15.7	3.3	0.4	54.5	68.9
Azerbaijan	700	45.0	13.8	45.0	15.3	16.6	5.3	4.0	48.5	42.0
Bahrain	583	64.6	12.1	64.6	7.7	11.4	1.8	2.4	66.9	62.4
Belgium (Flemish)	694	65.9	7.9	65.9	6.6	16.6	1.7	1.3	58.4	72.8
Chile	804	56.7	10.7	56.7	7.8	18.9	2.5	3.4	52.3	61.3
Chinese Taipei	611	77.6	5.6	77.6	6.4	10.2	0.2	0.0	70.8	83.6
Croatia	646	50.1	11.8	50.1	22.0	9.3	6.3	0.4	38.9	59.9
Czech Republic	651	51.5	25.9	51.5	9.0	10.2	2.8	0.6	41.0	61.8
Denmark	557	77.5	5.4	77.5	7.6	5.4	2.2	1.8	75.0	80.1
England	479	79.9	1.3	79.9	7.8	9.5	0.6	1.0	78.6	81.3
Finland	655	85.2	4.5	85.2	5.1	4.2	0.6	0.3	84.7	85.8
Georgia	692	60.4	7.8	60.4	6.0	21.3	1.1	3.5	63.7	57.4
Germany	573	64.7	11.3	64.7	8.6	12.3	2.3	0.9	53.6	76.4
Hong Kong SAR	570	80.2	3.6	80.2	6.1	9.8	0.2	0.2	70.7	87.6
Hungary	742	61.6	11.7	61.6	6.9	14.6	2.7	2.5	54.5	68.0
Iran, Islamic Rep. of	827	56.1	19.5	56.1	6.2	13.8	0.9	3.5	53.5	58.5
Ireland	658	71.1	4.6	71.1	7.9	12.6	3.7	0.1	72.3	70.0
Italy	590	60.5	6.7	60.5	5.0	24.2	3.2	0.5	54.0	66.2
Japan	631	69.5	7.6	69.5	16.3	5.4	0.4	0.8	65.7	73.0
Kazakhstan	622	43.3	13.3	43.3	10.8	29.1	1.3	2.2	38.7	46.9
Korea, Rep. of	613	79.4	7.6	79.4	8.1	4.6	0.3	0.0	74.3	84.1
Kuwait	587	57.7	14.6	57.7	11.3	9.7	4.7	2.0	65.9	47.6
Lithuania	669	31.1	31.0	31.1	10.0	25.6	1.7	0.6	30.9	31.3
Malta	516	48.8	10.4	48.8	15.6	22.2	2.4	0.6	43.0	54.1
Morocco	1044	23.2	11.6	23.2	30.7	21.3	5.0	8.2	17.8	27.4
Netherlands	470	73.2	5.0	73.2	11.1	8.2	1.7	0.8	69.5	76.9
New Zealand	807	66.3	4.9	66.3	11.0	13.9	2.3	1.4	65.4	67.2
Northern Ireland	512	71.5	2.7	71.5	11.3	11.0	3.6	0.0	59.3	80.7
Norway	442	65.0	10.8	65.0	6.5	11.8	3.7	2.3	62.7	67.4
Oman	1479	45.6	17.3	45.6	16.1	14.6	3.0	3.3	43.8	47.4
Poland	720	63.2	12.1	63.2	7.9	13.1	2.1	1.6	58.5	67.5
Portugal	572	55.5	5.2	55.5	7.5	30.5	1.1	0.1	47.8	63.0
Qatar	596	45.3	16.9	45.3	16.5	16.7	3.3	1.4	44.4	46.1
Romania	672	63.1	18.7	63.1	3.0	12.6	1.1	1.5	59.0	66.9
Russian Federation	644	61.4	7.1	61.4	10.1	18.3	1.7	1.3	58.0	64.4
Saudi Arabia	669	62.6	14.5	62.6	7.6	13.1	1.6	0.5	65.6	59.5
Serbia	622	62.4	10.9	62.4	7.9	15.7	1.4	1.8	61.7	63.0
Singapore	915	68.3	11.7	68.3	10.2	9.3	0.5	0.0	62.5	73.8
Slovak Republic	795	82.7	7.0	82.7	2.6	6.2	0.8	0.6	80.3	85.3
Slovenia	631	56.3	17.0	56.3	9.8	14.1	2.1	0.7	54.6	57.8
Spain	600	70.0	6.0	70.0	5.6	15.5	1.9	0.9	65.3	74.5
Sweden	676	70.5	5.9	70.5	12.4	7.8	2.2	1.2	69.1	71.8
Thailand	640	58.9	12.8	58.9	13.0	13.1	1.0	1.2	58.1	59.7
Tunisia	668	33.7	11.0	33.7	17.8	20.2	7.7	9.6	31.5	35.8
Turkey	1052	70.1	5.2	70.1	6.7	16.2	1.2	0.6	70.3	70.0
United Arab Emirates	2103	56.2	12.0	56.2	11.8	16.5	2.4	1.1	55.7	56.8
United States	1812	81.1	3.0	81.1	6.3	7.1	1.7	0.7	75.7	86.8
Yemen	1162	34.1	14.8	34.1	23.8	15.0	7.2	5.1	36.0	32.8
International Avg. (50)	37230	61.0	10.3	61.0	10.2	14.4	2.4	1.7	57.8	63.8
Botswana (6)	602	25.0	28.2	25.0	18.1	26.7	0.9	1.1	25.2	24.8
Honduras (6)	571	47.8	10.6	47.8	7.8	29.5	1.6	2.7	46.0	49.3
Yemen (6)	701	57.3	14.7	57.3	12.6	11.2	2.6	1.7	51.3	61.8
Alberta, Canada	518	79.8	4.3	79.8	5.1	6.9	2.2	1.7	80.2	79.5
Ontario, Canada	659	80.7	3.5	80.7	3.9	6.9	1.8	3.1	77.3	83.9
Quebec, Canada	595	62.7	4.8	62.7	9.7	18.5	3.0	1.2	53.9	71.8
Abu Dhabi, UAE	592	51.8	13.7	51.8	12.5	17.9	2.6	1.6	53.5	49.9
Dubai, UAE	877	60.0	10.4	60.0	10.8	15.6	2.4	0.8	54.3	65.0
Florida, US	389	78.7	4.3	78.7	7.1	7.9	1.3	0.7	74.6	83.1
North Carolina, US	263	76.2	5.1	76.2	7.7	8.9	1.4	0.7	73.9	78.7

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S07_10A (S031088A): Earth Science / Knowing
Label: Two ways to use air - Points: 1

COUNTRY	N	10 %	11 %	12 %	13 %	19 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	36.4	0.8	0.1	0.0	0.7	5.1	1.6	19.3	28.8	7.3	38.0	40.8	35.5
Australia	868	78.8	0.0	0.9	3.0	0.0	8.9	1.3	4.9	1.2	0.8	82.9	83.3	82.5
Austria	667	72.8	0.4	0.0	3.1	0.0	18.9	0.3	0.9	3.2	0.4	76.3	77.5	75.3
Azerbaijan	700	26.4	0.5	0.4	0.4	0.2	3.7	1.0	26.1	36.4	4.9	27.9	29.2	26.9
Bahrain	583	53.8	0.6	1.8	3.5	2.3	2.9	3.8	21.4	7.4	2.4	62.1	69.3	55.0
Belgium (Flemish)	694	69.5	0.2	1.4	6.7	0.2	9.3	0.6	9.2	1.7	1.3	77.9	80.7	75.3
Chile	804	60.5	0.3	0.6	5.3	0.0	13.7	2.8	7.1	6.3	3.5	66.6	66.7	66.6
Chinese Taipei	611	72.8	0.2	4.9	2.4	0.0	1.9	0.3	10.0	7.5	0.0	80.3	80.8	79.9
Croatia	646	86.5	0.0	0.0	0.4	0.4	3.9	0.0	4.3	4.1	0.4	87.3	87.6	87.0
Czech Republic	651	71.0	0.3	0.7	5.2	0.0	6.1	0.5	7.3	7.7	1.2	77.3	74.1	80.3
Denmark	557	72.3	0.6	0.6	3.4	0.2	6.0	0.9	11.8	2.3	1.8	77.1	76.6	77.6
England	479	77.4	0.1	0.8	2.7	0.0	8.4	0.4	6.5	2.6	1.1	81.0	80.8	81.3
Finland	656	70.5	0.2	2.9	6.5	0.2	9.2	0.4	5.5	4.3	0.4	80.2	82.9	77.3
Georgia	692	53.7	0.0	0.0	0.7	0.0	22.9	0.3	9.0	9.8	3.6	54.4	55.9	53.2
Germany	573	71.2	0.0	0.2	2.0	0.2	18.4	0.9	3.0	3.0	1.0	73.6	72.5	74.8
Hong Kong SAR	570	73.6	0.3	1.1	1.2	0.0	8.5	1.0	10.4	3.8	0.2	76.1	78.8	74.0
Hungary	741	56.3	0.2	2.0	4.5	0.5	17.2	0.5	11.0	5.2	2.7	63.4	61.7	64.9
Iran, Islamic Rep. of	827	51.1	0.4	0.1	2.2	1.8	4.9	2.8	22.5	10.7	3.7	55.5	55.3	55.7
Ireland	658	78.4	0.2	1.3	4.0	0.0	7.5	0.8	5.4	2.2	0.2	83.9	86.5	81.7
Italy	590	76.2	0.1	0.5	3.3	0.0	11.8	0.8	3.5	3.2	0.7	80.0	81.2	79.0
Japan	631	58.6	0.7	2.8	7.2	0.0	10.3	0.0	14.2	5.5	0.8	69.2	68.5	69.8
Kazakhstan	621	58.6	0.7	0.9	0.7	11.0	4.7	0.6	15.6	5.0	2.2	71.9	71.1	72.6
Korea, Rep. of	613	72.4	0.0	4.7	5.5	1.1	12.3	0.3	2.7	0.8	0.1	83.7	80.3	86.9
Kuwait	590	40.0	0.0	2.4	1.9	0.6	1.9	1.5	26.4	21.9	3.3	44.9	50.7	38.0
Lithuania	669	69.4	0.3	1.3	5.8	1.2	5.2	0.8	9.5	6.0	0.6	78.0	77.4	78.5
Malta	516	48.8	0.0	1.3	4.8	0.0	5.8	1.1	25.3	12.0	0.8	55.0	54.4	55.4
Morocco	1107	12.5	0.0	0.3	0.8	0.6	0.4	0.0	44.7	31.4	9.3	14.3	16.9	12.2
Netherlands	470	65.8	0.2	1.9	6.2	0.0	10.4	0.6	12.4	1.7	0.8	74.0	76.2	71.8
New Zealand	807	73.6	0.3	1.1	6.7	0.0	8.5	0.4	5.2	2.1	2.1	81.7	84.0	79.8
Northern Ireland	512	76.6	0.0	0.5	1.6	0.0	10.0	0.9	6.8	3.5	0.0	78.7	78.4	79.0
Norway	442	66.7	0.2	0.9	2.6	0.0	14.1	1.3	7.2	4.8	2.3	70.4	75.5	65.0
Oman	1479	36.7	0.3	0.8	5.6	4.2	1.3	2.4	30.1	14.9	3.5	47.7	50.1	45.2
Poland	720	63.4	0.2	0.6	5.6	0.0	7.9	1.0	6.4	12.6	2.3	69.8	67.9	71.5
Portugal	572	70.3	0.1	1.6	5.9	0.2	13.8	0.8	4.2	2.9	0.1	78.2	80.1	76.3
Qatar	596	45.1	0.1	1.4	3.0	0.7	4.0	1.7	31.5	10.7	1.9	50.3	54.2	46.6
Romania	672	65.3	0.1	0.7	1.3	0.1	13.8	0.7	8.8	7.7	1.5	67.5	72.6	62.7
Russian Federation	644	77.8	0.0	2.5	2.1	0.2	6.3	0.6	4.9	3.9	1.6	82.7	78.8	86.0
Saudi Arabia	671	44.9	1.4	1.5	4.8	3.1	8.0	1.8	23.6	10.0	0.8	55.7	65.2	45.3
Serbia	622	69.9	0.0	0.4	4.9	3.6	7.0	0.4	5.7	6.4	1.8	78.8	78.2	79.3
Singapore	915	75.6	0.4	3.6	1.5	0.1	10.3	1.9	5.8	0.8	0.0	81.2	81.9	80.5
Slovak Republic	795	73.4	0.8	0.1	3.4	1.5	5.8	1.0	6.4	6.8	0.9	79.1	82.0	76.0
Slovenia	633	72.4	0.1	0.2	1.6	0.8	8.8	0.0	8.9	6.4	0.7	75.2	79.7	71.1
Spain	600	56.8	0.3	0.8	6.4	2.4	9.8	1.3	13.3	8.1	0.9	66.7	67.1	66.3
Sweden	676	71.2	0.5	1.6	7.0	0.6	6.5	1.1	5.8	4.2	1.3	81.0	80.2	81.7
Thailand	640	58.3	0.4	0.3	0.5	0.3	5.9	0.8	23.1	9.3	1.2	59.7	62.2	57.3
Tunisia	700	18.2	1.1	2.1	13.3	6.4	1.6	1.9	33.2	11.6	10.5	41.2	45.2	37.4
Turkey	1051	57.6	0.3	0.8	3.2	0.8	11.0	1.4	19.9	4.3	0.7	62.7	64.8	60.5
United Arab Emirates	2103	52.4	0.2	3.0	6.6	0.3	5.1	1.5	20.8	8.8	1.3	62.5	66.6	58.1
United States	1812	82.4	0.0	0.6	4.0	0.0	7.9	0.9	2.3	1.0	0.9	87.0	87.9	86.0
Yemen	1161	12.2	0.4	0.3	2.2	0.1	2.9	0.2	38.2	38.0	5.6	15.1	17.9	13.2
International Avg. (50)	37329	61.1	0.3	1.2	3.7	0.9	8.2	1.0	13.2	8.3	1.9	67.3	68.8	65.9
Botswana (6)	602	40.9	0.6	0.1	0.7	1.3	3.1	4.0	45.6	2.4	1.2	43.7	47.0	40.1
Honduras (6)	571	57.7	0.2	0.1	7.5	0.0	13.1	1.3	11.1	6.3	2.9	65.4	69.8	61.4
Yemen (6)	700	30.5	0.5	0.6	2.4	0.2	1.8	3.5	43.3	15.5	1.7	34.2	39.4	30.4
Alberta, Canada	518	78.8	0.5	1.6	2.0	0.9	8.9	0.7	3.1	1.8	1.7	83.8	88.0	80.6
Ontario, Canada	659	78.1	0.8	0.2	2.3	0.2	8.4	1.0	3.7	2.2	3.1	81.6	82.2	81.0
Quebec, Canada	595	74.5	0.3	0.5	1.2	0.1	7.7	0.6	10.6	3.4	1.2	76.5	75.4	77.7
Abu Dhabi, UAE	592	48.5	0.2	3.5	6.5	0.7	3.8	1.7	25.0	8.4	1.7	59.4	64.9	53.2
Dubai, UAE	877	56.9	0.4	1.7	5.6	0.0	7.5	1.4	17.3	8.2	1.0	64.6	66.7	62.8
Florida, US	389	77.1	0.0	1.0	4.8	0.0	9.7	1.4	4.2	1.1	0.7	82.9	85.9	79.6
North Carolina, US	263	76.6	0.0	0.4	3.9	0.0	11.1	1.1	4.2	2.1	0.7	80.9	81.2	80.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_10B (S031088B): Earth Science / Knowing
Label: Two ways to use air - Points: 1

COUNTRY	N	10 %	11 %	12 %	13 %	19 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	6.1	1.2	0.4	0.4	1.3	4.0	7.3	33.0	39.1	7.3	9.4	10.8	8.0
Australia	868	6.7	0.4	3.3	8.2	0.7	27.5	8.8	38.2	5.4	0.8	19.3	18.9	19.6
Austria	667	7.0	1.1	1.0	12.7	0.1	33.0	8.1	21.2	15.3	0.4	21.9	21.2	22.6
Azerbaijan	700	4.0	1.4	1.2	2.6	0.7	2.4	1.1	32.7	48.9	4.9	9.9	12.0	8.1
Bahrain	583	9.0	0.9	5.0	5.2	4.1	12.0	7.5	42.0	11.9	2.4	24.2	30.6	17.9
Belgium (Flemish)	694	8.2	0.5	5.1	9.0	0.2	23.0	5.3	42.3	5.1	1.3	23.0	16.1	29.2
Chile	804	5.4	0.7	1.2	10.8	0.0	34.6	9.6	25.7	8.5	3.5	18.1	17.3	18.9
Chinese Taipei	611	6.1	2.3	10.6	12.8	0.5	8.3	1.5	42.3	15.6	0.0	32.3	33.1	31.7
Croatia	646	2.4	2.7	2.0	3.6	0.8	15.3	8.5	42.9	21.5	0.4	11.4	9.2	13.3
Czech Republic	651	4.1	2.4	1.8	11.0	0.5	17.0	7.7	26.2	28.1	1.2	19.8	15.9	23.7
Denmark	557	10.7	1.4	3.5	8.5	1.6	10.7	7.1	42.9	11.9	1.8	25.7	24.6	26.7
England	479	4.5	0.1	3.3	6.6	0.0	30.8	10.5	35.3	7.7	1.1	14.5	14.1	14.9
Finland	656	6.3	1.5	7.0	15.7	1.3	23.7	4.2	18.8	21.0	0.4	31.8	34.7	28.7
Georgia	692	7.6	0.1	0.8	2.5	1.8	29.0	6.4	25.9	22.1	3.6	12.9	10.9	14.7
Germany	573	6.1	1.1	1.1	9.0	0.2	34.4	17.0	15.8	14.3	1.0	17.4	17.2	17.7
Hong Kong SAR	570	4.9	3.6	6.4	7.8	1.4	16.8	9.0	37.7	12.3	0.2	24.2	22.5	25.4
Hungary	742	6.4	0.3	4.8	9.8	0.4	11.9	10.9	36.3	16.4	2.7	21.8	19.9	23.5
Iran, Islamic Rep. of	827	6.5	0.1	1.0	2.4	1.9	8.0	10.1	48.2	18.0	3.7	11.9	10.4	13.3
Ireland	658	6.0	0.5	4.3	15.0	0.4	29.3	11.3	25.4	7.5	0.2	26.3	27.3	25.4
Italy	590	8.0	3.2	4.4	9.9	1.4	29.9	6.5	23.3	12.8	0.7	26.8	24.2	29.2
Japan	631	5.7	2.5	6.4	14.6	0.0	22.4	1.8	35.6	10.1	0.8	29.3	30.8	27.9
Kazakhstan	621	10.8	2.7	4.1	1.6	13.4	7.1	2.7	37.6	17.7	2.3	32.6	29.4	35.1
Korea, Rep. of	613	11.7	1.6	11.2	10.6	4.1	41.4	3.2	10.3	5.7	0.1	39.3	40.2	38.4
Kuwait	590	4.8	0.5	1.3	1.9	3.4	4.2	8.3	42.4	29.9	3.3	11.9	12.4	11.4
Lithuania	669	6.3	1.3	5.3	11.2	3.2	14.2	6.3	33.0	18.6	0.6	27.3	26.6	28.1
Malta	516	6.0	1.0	2.0	6.7	1.0	10.6	4.8	47.5	19.7	0.8	16.6	16.4	16.7
Morocco	1107	1.8	0.0	0.8	0.5	0.9	0.5	0.4	46.3	39.5	9.3	4.0	5.2	3.0
Netherlands	470	9.4	2.1	2.6	16.0	0.2	17.0	7.7	40.0	4.3	0.8	30.3	28.1	32.5
New Zealand	807	7.2	0.8	3.5	14.3	0.0	28.5	8.2	29.7	5.6	2.1	25.9	25.7	26.1
Northern Ireland	512	6.5	0.6	4.5	5.1	0.0	35.2	8.1	30.7	9.3	0.0	16.7	16.7	16.7
Norway	442	9.2	0.5	2.3	9.8	0.5	30.3	4.6	25.9	14.7	2.3	22.3	17.0	28.0
Oman	1479	5.8	0.9	1.1	6.6	4.5	4.4	6.4	46.4	20.3	3.5	19.0	20.7	17.2
Poland	720	5.2	0.0	2.8	15.9	0.4	12.9	7.5	27.1	25.8	2.3	24.3	22.3	26.2
Portugal	572	8.9	1.5	7.9	10.1	2.0	35.9	6.2	19.4	8.1	0.1	30.3	28.8	31.7
Qatar	596	8.0	1.6	3.9	2.8	1.3	9.5	5.2	49.4	16.4	1.9	17.6	16.8	18.3
Romania	672	7.2	3.8	7.1	9.3	2.4	16.2	8.6	26.3	17.5	1.5	29.8	29.0	30.6
Russian Federation	644	4.1	3.1	11.9	8.6	1.6	21.1	8.6	24.5	14.9	1.6	29.3	27.0	31.2
Saudi Arabia	671	7.5	0.5	2.4	7.7	5.3	11.0	9.8	37.4	17.6	0.8	23.4	30.3	15.8
Serbia	622	3.9	2.4	2.8	11.7	7.3	13.2	2.9	30.2	23.8	1.8	28.1	27.1	29.0
Singapore	915	8.0	3.3	12.1	9.5	1.6	26.5	13.2	22.7	3.1	0.0	34.5	39.0	30.3
Slovak Republic	795	5.6	1.5	2.8	9.2	3.3	17.7	8.5	29.8	20.8	0.9	22.4	20.8	24.1
Slovenia	633	6.1	1.6	2.7	7.0	3.4	20.4	2.3	32.2	23.6	0.7	20.8	16.5	24.7
Spain	600	7.3	0.9	4.1	7.0	2.6	19.5	3.3	36.1	18.4	0.9	21.9	21.1	22.5
Sweden	676	7.4	0.9	4.5	19.2	0.7	12.5	7.6	33.7	12.2	1.3	32.7	32.3	33.1
Thailand	640	2.5	0.8	3.0	3.2	1.3	15.2	7.7	54.1	11.0	1.2	10.8	9.9	11.8
Tunisia	700	4.4	0.6	2.1	10.1	7.9	2.4	3.8	42.6	15.5	10.5	25.2	29.1	21.4
Turkey	1051	6.9	0.3	2.9	5.4	2.5	11.8	10.2	47.4	12.0	0.7	17.9	19.7	16.2
United Arab Emirates	2103	7.8	1.1	4.3	8.7	0.3	9.6	8.7	43.5	14.8	1.3	22.1	22.5	21.6
United States	1812	6.3	0.6	4.9	15.2	0.1	32.3	14.0	23.7	1.9	0.9	27.2	25.4	29.0
Yemen	1161	2.3	2.3	0.5	1.6	0.1	1.7	1.5	42.2	42.3	5.6	6.7	8.5	5.4
International Avg. (50)	37330	6.4	1.3	3.9	8.5	1.9	18.1	7.0	34.1	16.8	2.0	22.1	21.7	22.3
Botswana (6)	602	5.5	2.0	1.3	2.7	2.5	5.6	15.9	59.9	3.5	1.2	13.9	14.4	13.4
Honduras (6)	571	8.1	0.1	1.9	14.6	0.7	21.3	10.2	28.5	11.7	2.9	25.5	26.7	24.4
Yemen (6)	700	4.2	2.0	0.4	3.9	0.6	1.2	4.4	62.4	19.2	1.7	11.2	13.7	9.3
Alberta, Canada	518	5.5	0.8	4.7	11.8	1.9	19.6	10.8	37.8	5.4	1.7	24.7	18.2	29.5
Ontario, Canada	659	5.1	0.2	3.5	9.6	1.7	20.5	14.4	36.4	5.5	3.1	20.2	18.8	21.4
Quebec, Canada	595	5.4	0.9	2.8	5.5	1.3	31.8	4.9	37.1	9.0	1.2	15.9	11.9	20.1
Abu Dhabi, UAE	592	6.3	1.3	4.1	9.0	0.7	8.0	7.1	49.7	12.1	1.7	21.4	23.8	18.7
Dubai, UAE	877	8.3	0.7	4.4	8.9	0.1	11.6	11.0	39.7	14.4	1.0	22.3	21.7	22.9
Florida, US	389	8.7	0.3	3.8	14.1	0.0	37.9	14.4	18.5	1.5	0.7	26.9	24.5	29.6
North Carolina, US	263	7.6	0.0	3.3	13.3	0.0	34.2	14.4	21.7	4.8	0.7	24.2	21.7	27.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_10Z (S031088Z): Earth Science / Knowing
Label: Two ways to use air-DERIVED - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	5.0	37.4	21.9	28.5	7.3	42.4	5.0	5.7	4.3
Australia	868	13.1	75.9	8.9	1.2	0.8	89.0	13.1	13.1	13.1
Austria	667	14.5	69.2	12.8	3.1	0.4	83.7	14.5	14.2	14.7
Azerbaijan	700	5.7	26.4	26.8	36.2	4.9	32.1	5.7	7.0	4.6
Bahrain	583	18.4	49.4	22.6	7.2	2.4	67.8	18.4	23.7	13.3
Belgium (Flemish)	694	15.2	70.5	11.3	1.7	1.3	85.7	15.2	9.9	20.0
Chile	804	11.0	62.7	16.8	6.0	3.5	73.7	11.0	9.9	12.1
Chinese Taipei	611	27.8	57.2	7.6	7.5	0.0	84.9	27.8	27.3	28.1
Croatia	646	9.1	80.5	5.9	4.1	0.4	89.6	9.1	7.2	10.7
Czech Republic	651	15.9	65.3	10.0	7.7	1.2	81.2	15.9	12.1	19.6
Denmark	557	18.7	65.4	11.8	2.3	1.8	84.1	18.7	16.6	20.9
England	479	9.2	77.1	10.0	2.6	1.1	86.3	9.2	7.2	11.2
Finland	656	25.6	60.9	8.8	4.3	0.4	86.5	25.6	29.1	21.8
Georgia	692	7.1	53.1	26.8	9.3	3.6	60.2	7.1	6.8	7.4
Germany	573	10.4	70.3	15.3	3.0	1.0	80.7	10.4	10.0	10.7
Hong Kong SAR	570	19.2	61.8	14.9	3.8	0.2	81.1	19.2	15.6	22.0
Hungary	741	15.9	53.4	22.8	5.2	2.7	69.3	15.9	14.3	17.3
Iran, Islamic Rep. of	827	6.7	54.1	24.9	10.6	3.7	60.8	6.7	5.1	8.1
Ireland	658	19.8	70.5	7.3	2.2	0.2	90.3	19.8	21.5	18.4
Italy	590	18.3	70.3	7.5	3.2	0.7	88.6	18.3	15.2	21.0
Japan	631	21.9	54.7	17.3	5.3	0.8	76.6	21.9	22.3	21.5
Kazakhstan	620	26.8	50.9	15.1	5.0	2.2	77.7	26.8	24.2	28.9
Korea, Rep. of	613	34.0	55.1	10.0	0.8	0.1	89.0	34.0	33.4	34.5
Kuwait	590	7.6	41.7	26.2	21.2	3.3	49.3	7.6	8.1	7.1
Lithuania	669	21.3	62.6	9.5	6.0	0.6	84.0	21.3	21.2	21.5
Malta	516	9.6	52.2	25.9	11.4	0.8	61.9	9.6	8.8	10.4
Morocco	1107	2.4	13.5	44.9	29.9	9.3	15.9	2.4	3.7	1.3
Netherlands	470	20.3	63.7	13.4	1.7	0.8	84.0	20.3	21.3	19.3
New Zealand	807	21.4	64.9	9.6	2.1	2.1	86.3	21.4	22.5	20.4
Northern Ireland	512	9.2	77.0	10.3	3.5	0.0	86.2	9.2	10.2	8.5
Norway	442	13.7	65.3	13.9	4.8	2.3	79.0	13.7	12.0	15.5
Oman	1479	12.5	41.7	28.0	14.3	3.5	54.2	12.5	12.1	12.9
Poland	720	19.1	55.9	10.1	12.6	2.3	75.0	19.1	17.3	20.8
Portugal	572	22.4	63.6	11.0	2.9	0.1	86.1	22.4	18.9	25.8
Qatar	596	10.9	46.1	31.0	10.2	1.9	57.0	10.9	8.9	12.6
Romania	672	23.1	51.1	16.6	7.7	1.5	74.2	23.1	23.1	23.2
Russian Federation	644	25.8	60.3	8.5	3.8	1.6	86.1	25.8	21.8	29.2
Saudi Arabia	671	15.5	48.2	26.2	9.4	0.8	63.7	15.5	20.1	10.4
Serbia	622	24.4	58.1	9.8	5.9	1.8	82.5	24.4	21.8	26.8
Singapore	915	26.5	62.8	9.9	0.8	0.0	89.3	26.5	30.0	23.1
Slovak Republic	795	18.5	64.6	9.7	6.4	0.9	83.1	18.5	16.7	20.3
Slovenia	633	15.5	65.1	12.4	6.4	0.7	80.5	15.5	13.5	17.2
Spain	600	15.7	57.2	18.2	8.1	0.9	72.9	15.7	14.8	16.5
Sweden	676	28.1	57.4	9.4	3.7	1.3	85.6	28.1	27.9	28.4
Thailand	640	8.8	53.0	28.4	8.7	1.2	61.8	8.8	8.8	8.7
Tunisia	700	20.7	25.1	32.5	11.3	10.5	45.7	20.7	24.1	17.4
Turkey	1051	11.1	58.3	25.8	4.1	0.7	69.5	11.1	11.5	10.7
United Arab Emirates	2103	14.8	54.9	20.5	8.4	1.3	69.7	14.8	14.7	15.0
United States	1812	21.3	71.6	5.3	1.0	0.9	92.9	21.3	20.2	22.4
Yemen	1161	4.8	12.1	44.3	33.2	5.6	16.9	4.8	5.7	4.2
International Avg. (50)	37328	16.3	56.8	17.0	8.0	1.9	73.1	16.3	15.8	16.7
Botswana (6)	602	6.9	43.7	45.7	2.4	1.2	50.7	6.9	7.8	6.0
Honduras (6)	571	15.3	60.2	15.4	6.2	2.9	75.5	15.3	16.0	14.7
Yemen (6)	700	7.0	31.3	46.9	13.1	1.7	38.4	7.0	10.0	4.8
Alberta, Canada	518	18.9	70.6	7.0	1.8	1.7	89.5	18.9	13.7	22.9
Ontario, Canada	659	15.3	71.2	8.2	2.2	3.1	86.5	15.3	15.0	15.5
Quebec, Canada	595	9.3	73.9	12.3	3.4	1.2	83.2	9.3	5.4	13.2
Abu Dhabi, UAE	592	14.6	51.6	24.5	7.6	1.7	66.2	14.6	15.9	13.2
Dubai, UAE	877	12.7	61.5	16.6	8.1	1.0	74.2	12.7	11.7	13.7
Florida, US	389	18.1	73.5	6.5	1.1	0.7	91.7	18.1	18.1	18.2
North Carolina, US	263	15.2	74.7	7.4	2.1	0.7	89.9	15.2	13.8	16.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S07_11 (S031389): Earth Science / Knowing

Label: Soil change due to natural causes - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	28.5	14.0	19.8	15.0	28.5	11.2	11.5	26.8	29.9
Australia	868	44.1	17.9	14.3	21.8	44.1	0.8	1.0	42.7	45.4
Austria	667	35.5	19.6	16.6	19.6	35.5	6.4	2.3	31.7	38.7
Azerbaijan	700	52.3	7.3	14.2	8.8	52.3	7.6	9.8	54.6	50.3
Bahrain	583	29.3	25.5	22.8	17.5	29.3	1.0	4.0	30.5	28.1
Belgium (Flemish)	694	37.0	19.5	19.8	20.3	37.0	1.8	1.5	36.0	38.0
Chile	804	28.1	26.1	25.1	13.9	28.1	1.9	4.9	28.4	27.8
Chinese Taipei	611	47.5	19.9	22.6	8.8	47.5	0.3	0.8	47.4	47.6
Croatia	646	48.2	19.5	17.5	9.5	48.2	4.3	0.9	47.4	49.0
Czech Republic	651	40.8	24.6	14.5	13.2	40.8	3.4	3.5	41.8	39.8
Denmark	557	35.5	22.4	20.0	13.2	35.5	5.6	3.4	33.1	37.9
England	479	39.5	21.6	13.8	21.1	39.5	2.5	1.5	38.7	40.3
Finland	656	60.6	9.8	12.8	14.7	60.6	1.2	0.9	65.0	55.8
Georgia	692	34.6	9.6	32.0	13.8	34.6	3.8	6.1	37.0	32.5
Germany	573	26.0	18.2	24.1	23.1	26.0	5.8	2.8	23.6	28.5
Hong Kong SAR	570	43.8	28.6	15.1	11.5	43.8	0.5	0.5	40.3	46.6
Hungary	742	50.9	19.0	11.9	11.7	50.9	2.1	4.5	48.9	52.6
Iran, Islamic Rep. of	827	31.3	26.6	17.7	16.4	31.3	1.2	6.7	32.5	30.2
Ireland	658	37.2	21.6	16.9	22.0	37.2	1.4	0.9	38.6	36.0
Italy	590	43.1	14.0	18.8	18.2	43.1	4.4	1.4	43.7	42.6
Japan	631	55.3	14.5	19.2	8.7	55.3	1.3	1.0	54.5	55.9
Kazakhstan	622	53.4	14.5	17.5	8.1	53.4	2.4	4.0	53.5	53.3
Korea, Rep. of	613	63.0	10.6	20.8	5.3	63.0	0.2	0.1	61.9	64.0
Kuwait	583	21.6	20.9	29.0	17.9	21.6	4.8	5.9	23.4	19.3
Lithuania	669	44.3	21.1	12.8	16.1	44.3	3.5	2.2	46.1	42.5
Malta	516	27.5	23.4	20.9	21.8	27.5	4.5	2.0	26.9	28.0
Morocco	1040	20.9	16.9	27.8	19.1	20.9	2.8	12.4	20.7	21.0
Netherlands	470	32.7	26.8	17.1	19.4	32.7	2.7	1.3	35.3	29.9
New Zealand	807	36.4	19.0	17.4	23.3	36.4	0.6	3.3	32.8	39.5
Northern Ireland	512	37.6	19.0	19.0	20.3	37.6	3.3	0.8	34.0	40.3
Norway	442	27.6	30.3	11.7	18.4	27.6	7.0	5.0	25.8	29.5
Oman	1479	32.0	18.8	23.4	17.1	32.0	2.9	5.8	32.3	31.7
Poland	720	44.8	20.6	13.3	14.0	44.8	3.3	4.0	47.1	42.8
Portugal	572	40.1	21.2	20.9	13.5	40.1	3.0	1.3	40.4	39.9
Qatar	595	25.8	20.1	26.3	22.3	25.8	2.6	3.0	29.9	22.0
Romania	671	38.5	14.6	30.8	10.5	38.5	2.7	2.9	37.4	39.6
Russian Federation	644	59.9	14.6	11.7	9.5	59.9	2.1	2.3	60.3	59.6
Saudi Arabia	668	33.6	25.1	22.2	16.2	33.6	1.9	1.1	37.5	29.2
Serbia	622	33.6	19.5	23.3	14.6	33.6	5.3	3.7	32.0	35.0
Singapore	915	40.0	17.9	17.0	25.0	40.0	0.0	0.1	38.6	41.4
Slovak Republic	795	51.1	16.7	12.4	16.2	51.1	1.3	2.2	53.1	49.0
Slovenia	632	47.2	11.0	22.4	13.1	47.2	4.7	1.7	47.4	47.1
Spain	600	30.2	19.7	29.0	15.1	30.2	3.3	2.7	29.7	30.6
Sweden	676	40.8	28.0	14.7	11.2	40.8	2.6	2.8	39.4	42.1
Thailand	640	30.4	22.8	29.5	15.5	30.4	0.4	1.5	33.7	27.2
Tunisia	666	19.1	9.7	25.5	25.1	19.1	7.3	13.3	22.5	15.8
Turkey	1052	48.1	13.0	24.7	13.1	48.1	0.3	1.0	46.3	49.8
United Arab Emirates	2103	36.3	19.0	21.9	18.3	36.3	2.1	2.3	39.1	33.5
United States	1812	54.1	16.2	10.9	15.8	54.1	1.6	1.3	51.9	56.5
Yemen	1162	19.3	14.1	27.3	26.5	19.3	4.5	8.4	17.7	20.3
International Avg. (50)	37219	38.8	18.9	19.8	16.1	38.8	3.0	3.4	38.8	38.7
Botswana (6)	602	27.4	22.8	24.1	23.2	27.4	0.6	2.0	29.7	24.9
Honduras (6)	571	23.0	29.9	30.2	10.4	23.0	2.0	4.5	23.6	22.4
Yemen (6)	698	34.2	13.2	31.6	16.1	34.2	1.8	3.0	34.4	34.1
Alberta, Canada	518	42.8	24.4	12.1	17.8	42.8	0.8	2.0	40.4	44.6
Ontario, Canada	659	43.1	20.8	14.3	15.6	43.1	2.3	4.0	44.0	42.2
Quebec, Canada	595	28.5	17.6	16.2	33.2	28.5	2.7	1.7	29.5	27.5
Abu Dhabi, UAE	592	33.8	18.4	26.6	16.8	33.8	1.9	2.5	40.0	26.8
Dubai, UAE	877	38.8	18.7	18.4	19.3	38.8	3.0	1.8	36.7	40.7
Florida, US	389	48.4	18.7	10.9	19.9	48.4	1.1	1.0	45.5	51.5
North Carolina, US	263	51.5	14.9	11.8	18.4	51.5	2.2	1.3	52.0	50.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S08_01 (S051044): Life Science / Knowing
Label: Tree and bird; glass and spoon - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	50.9	21.2	26.2	1.7	50.9	49.7	52.2
Australia	872	43.0	53.2	3.8	0.0	43.0	47.2	39.3
Austria	671	51.6	39.9	8.5	0.0	51.6	48.5	54.2
Azerbaijan	694	42.7	26.2	29.9	1.2	42.7	44.4	41.2
Bahrain	585	52.2	40.9	6.8	0.1	52.2	55.8	48.7
Belgium (Flemish)	685	38.3	59.9	1.7	0.0	38.3	36.4	39.9
Chile	796	40.5	50.9	8.0	0.6	40.5	39.8	41.2
Chinese Taipei	615	49.4	46.8	3.7	0.0	49.4	54.9	44.7
Croatia	646	60.1	36.2	3.7	0.0	60.1	63.9	56.2
Czech Republic	653	59.6	34.2	6.2	0.0	59.6	57.4	61.7
Denmark	564	33.9	59.5	6.1	0.5	33.9	36.1	31.6
England	470	39.3	57.5	3.2	0.0	39.3	41.1	37.6
Finland	664	44.5	49.7	5.8	0.0	44.5	50.0	39.7
Georgia	690	40.7	47.8	11.3	0.3	40.7	44.4	37.5
Germany	573	40.2	53.4	6.4	0.0	40.2	41.6	38.8
Hong Kong SAR	566	31.3	66.8	1.7	0.2	31.3	36.4	26.6
Hungary	742	47.9	45.2	6.9	0.1	47.9	49.5	46.5
Iran, Islamic Rep. of	829	76.9	15.5	7.4	0.2	76.9	77.6	76.2
Ireland	655	59.6	38.2	2.2	0.0	59.6	61.6	57.9
Italy	602	65.7	30.1	4.3	0.0	65.7	68.4	63.2
Japan	630	43.8	53.5	2.3	0.3	43.8	45.2	42.7
Kazakhstan	623	56.5	38.4	4.8	0.4	56.5	61.7	52.0
Korea, Rep. of	616	33.6	65.9	0.5	0.0	33.6	33.6	33.7
Kuwait	589	24.2	47.3	27.7	0.8	24.2	28.6	18.7
Lithuania	681	50.0	46.1	3.9	0.0	50.0	55.2	45.3
Malta	521	36.2	52.8	11.0	0.0	36.2	39.1	33.5
Morocco	1110	16.6	47.1	35.4	0.9	16.6	18.9	14.6
Netherlands	471	41.6	57.6	0.6	0.2	41.6	39.6	43.6
New Zealand	799	42.6	54.6	2.7	0.1	42.6	46.2	39.2
Northern Ireland	503	38.0	55.7	6.2	0.0	38.0	40.4	35.9
Norway	455	28.7	64.1	7.1	0.0	28.7	30.9	26.0
Oman	1476	43.6	39.4	16.5	0.5	43.6	46.9	40.5
Poland	716	53.1	32.9	13.9	0.1	53.1	51.8	54.4
Portugal	574	53.6	44.1	2.2	0.1	53.6	54.4	52.9
Qatar	586	38.6	51.9	9.5	0.1	38.6	42.9	34.8
Romania	675	44.3	47.2	8.2	0.3	44.3	47.5	41.2
Russian Federation	645	56.2	39.2	4.6	0.0	56.2	57.5	55.0
Saudi Arabia	657	43.2	45.8	11.0	0.0	43.2	53.2	32.7
Serbia	622	79.6	14.1	6.2	0.1	79.6	81.2	78.2
Singapore	909	84.6	15.1	0.2	0.0	84.6	85.5	83.9
Slovak Republic	805	57.9	37.3	4.7	0.1	57.9	57.8	58.1
Slovenia	628	59.3	37.3	3.4	0.0	59.3	58.3	60.1
Spain	602	43.0	51.1	5.9	0.0	43.0	44.7	41.4
Sweden	677	39.9	53.2	6.5	0.5	39.9	42.9	36.9
Thailand	638	34.5	58.2	7.3	0.0	34.5	36.4	32.6
Tunisia	704	19.6	70.2	8.8	1.4	19.6	17.4	21.4
Turkey	1073	68.3	26.9	4.4	0.4	68.3	74.1	63.4
United Arab Emirates	2105	40.0	49.2	10.6	0.2	40.0	45.4	34.6
United States	1797	44.8	53.7	1.5	0.0	44.8	47.2	42.6
Yemen	1163	18.3	49.3	31.2	1.2	18.3	22.7	15.0
International Avg. (50)	37346	46.0	45.5	8.2	0.3	46.0	48.2	44.0
Botswana (6)	597	30.4	65.7	3.9	0.0	30.4	31.4	29.5
Honduras (6)	560	29.7	62.0	7.7	0.6	29.7	26.3	32.7
Yemen (6)	698	47.6	39.8	12.3	0.3	47.6	57.2	40.2
Alberta, Canada	516	51.8	45.9	2.1	0.1	51.8	55.8	48.2
Ontario, Canada	645	51.7	46.4	1.9	0.0	51.7	56.5	47.0
Quebec, Canada	599	48.3	45.4	6.0	0.3	48.3	51.9	44.7
Abu Dhabi, UAE	602	36.3	52.9	10.4	0.4	36.3	39.9	32.5
Dubai, UAE	870	45.3	46.7	8.0	0.0	45.3	47.2	43.8
Florida, US	393	46.8	50.3	2.9	0.0	46.8	50.1	43.9
North Carolina, US	257	45.6	52.6	1.8	0.0	45.6	45.8	45.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S08_03 (S051003): Life Science / Knowing

Label: Leaves from two kinds of trees - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	32.3	13.9	15.0	21.9	32.3	14.2	2.6	34.8	29.8
Australia	872	61.3	9.1	8.0	20.7	61.3	0.8	0.0	62.9	60.0
Austria	671	65.8	13.1	9.7	8.3	65.8	3.2	0.0	67.1	64.7
Azerbaijan	694	52.8	10.3	9.6	13.4	52.8	12.0	1.9	56.7	49.6
Bahrain	585	29.0	20.5	24.4	24.2	29.0	1.6	0.1	26.5	31.4
Belgium (Flemish)	685	73.2	6.5	8.1	11.0	73.2	1.3	0.0	73.7	72.8
Chile	796	45.4	13.0	15.3	23.4	45.4	2.1	0.9	44.8	46.2
Chinese Taipei	615	47.9	13.1	21.5	16.6	47.9	1.0	0.0	46.8	48.8
Croatia	646	78.7	5.4	4.0	11.1	78.7	0.8	0.0	80.1	77.3
Czech Republic	653	74.9	8.8	8.4	6.3	74.9	1.7	0.0	74.8	74.9
Denmark	564	72.3	8.3	7.5	8.6	72.3	2.6	0.6	73.0	71.7
England	470	61.7	8.7	9.3	19.0	61.7	1.2	0.0	64.5	59.1
Finland	664	75.6	8.4	10.0	5.3	75.6	0.7	0.0	84.9	67.4
Georgia	691	60.5	6.6	12.7	16.6	60.5	2.9	0.8	59.6	61.2
Germany	573	68.9	10.5	10.5	7.8	68.9	2.2	0.0	69.2	68.7
Hong Kong SAR	566	47.7	12.7	18.1	20.4	47.7	1.0	0.2	50.7	45.1
Hungary	743	72.5	7.1	9.9	9.1	72.5	1.2	0.1	74.5	70.8
Iran, Islamic Rep. of	829	32.1	18.5	19.9	25.4	32.1	3.8	0.2	35.4	29.1
Ireland	655	67.5	7.7	6.8	17.4	67.5	0.6	0.0	70.5	64.9
Italy	602	67.7	9.1	8.1	12.6	67.7	2.5	0.0	67.5	67.9
Japan	630	52.7	13.8	14.1	18.3	52.7	0.7	0.3	51.6	53.7
Kazakhstan	624	63.9	8.7	10.5	14.9	63.9	1.3	0.7	70.0	58.6
Korea, Rep. of	616	59.9	5.5	18.0	16.4	59.9	0.1	0.0	66.1	54.7
Kuwait	584	17.5	21.5	31.2	21.6	17.5	7.1	1.0	20.0	14.5
Lithuania	681	67.8	12.1	7.3	10.3	67.8	2.4	0.1	68.5	67.1
Malta	521	41.8	13.2	14.5	28.2	41.8	2.3	0.0	40.2	43.3
Morocco	963	23.7	19.9	27.7	28.3	23.7	0.3	0.0	28.0	20.0
Netherlands	471	70.4	9.1	9.7	9.9	70.4	0.6	0.2	69.3	71.6
New Zealand	799	55.8	10.6	8.3	24.0	55.8	1.1	0.2	60.0	52.0
Northern Ireland	503	72.1	7.3	5.2	14.0	72.1	1.4	0.0	76.6	68.2
Norway	455	72.1	6.6	4.4	13.4	72.1	3.4	0.1	73.3	70.5
Oman	1476	20.5	22.6	29.3	23.1	20.5	3.8	0.6	19.7	21.3
Poland	716	73.6	8.6	5.8	10.2	73.6	1.5	0.3	77.4	70.1
Portugal	574	50.2	12.1	10.7	23.4	50.2	3.5	0.1	47.4	52.8
Qatar	586	29.5	18.1	24.7	26.3	29.5	1.3	0.1	32.9	26.5
Romania	675	69.4	5.8	10.4	10.8	69.4	3.0	0.6	73.6	65.3
Russian Federation	645	76.9	5.7	10.1	5.7	76.9	1.6	0.0	74.3	79.5
Saudi Arabia	656	27.9	21.9	27.8	21.0	27.9	1.3	0.1	27.7	28.2
Serbia	622	82.5	2.5	6.2	5.8	82.5	2.8	0.1	86.7	79.0
Singapore	909	54.1	10.5	13.3	21.8	54.1	0.2	0.0	54.0	54.3
Slovak Republic	805	75.4	6.5	5.8	9.6	75.4	2.6	0.2	73.8	77.0
Slovenia	627	75.6	5.1	4.5	13.4	75.6	1.5	0.0	75.3	75.8
Spain	602	43.7	15.6	16.4	21.5	43.7	2.8	0.0	38.0	49.4
Sweden	677	71.7	8.9	9.7	7.5	71.7	1.6	0.5	72.5	70.9
Thailand	638	43.8	15.3	21.1	18.5	43.8	1.3	0.0	42.1	45.5
Tunisia	662	23.8	13.2	19.9	31.9	23.8	9.3	2.0	26.1	21.9
Turkey	1073	37.2	16.9	24.3	20.2	37.2	0.9	0.4	36.9	37.6
United Arab Emirates	2105	29.7	19.3	21.8	26.3	29.7	2.6	0.3	30.3	29.2
United States	1797	71.5	8.0	8.2	11.1	71.5	1.1	0.1	71.3	71.7
Yemen	1164	18.2	18.0	23.5	31.4	18.2	7.8	1.2	16.4	19.6
International Avg. (50)	37154	55.2	11.5	13.6	16.8	55.2	2.6	0.3	56.4	54.2
Botswana (6)	597	31.9	23.5	14.7	29.4	31.9	0.5	0.0	33.3	30.5
Honduras (6)	560	37.1	21.6	16.5	21.7	37.1	2.0	1.1	34.9	39.1
Yemen (6)	698	22.1	20.4	27.3	26.7	22.1	3.1	0.3	22.8	21.6
Alberta, Canada	516	78.2	4.9	6.5	8.9	78.2	1.5	0.1	76.9	79.3
Ontario, Canada	645	76.5	6.2	5.8	10.4	76.5	0.9	0.2	77.2	75.8
Quebec, Canada	599	77.5	4.3	4.3	11.4	77.5	1.9	0.5	79.7	75.4
Abu Dhabi, UAE	602	27.0	17.6	21.0	30.6	27.0	3.4	0.5	27.4	26.6
Dubai, UAE	870	35.3	20.1	19.3	22.8	35.3	2.0	0.3	36.7	34.2
Florida, US	393	67.2	8.5	10.4	12.2	67.2	1.5	0.2	66.5	67.8
North Carolina, US	257	72.6	7.4	8.5	9.3	72.6	2.2	0.0	77.2	68.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S08_04 (S051168): Life Science / Applying
Label: Why plastic objects dangerous - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	19.4	9.4	20.7	46.9	3.6	19.4	20.8	18.1
Australia	872	69.8	8.5	19.8	1.8	0.1	69.8	75.1	65.1
Austria	671	57.9	2.2	24.2	15.8	0.0	57.9	60.8	55.4
Azerbaijan	694	22.2	9.3	11.9	54.2	2.4	22.2	26.5	18.7
Bahrain	585	29.5	13.2	43.7	13.4	0.1	29.5	32.1	27.0
Belgium (Flemish)	685	70.5	5.4	22.3	1.7	0.0	70.5	74.8	67.1
Chile	795	52.1	9.8	30.1	7.2	0.9	52.1	51.8	52.3
Chinese Taipei	615	44.0	3.7	46.5	5.8	0.0	44.0	42.1	45.7
Croatia	646	51.4	10.7	27.6	10.4	0.0	51.4	55.5	47.1
Czech Republic	653	56.5	5.7	24.7	13.1	0.0	56.5	55.3	57.6
Denmark	564	75.7	2.9	15.4	5.3	0.6	75.7	76.6	74.8
England	470	72.3	6.0	19.0	2.7	0.0	72.3	73.8	71.0
Finland	664	72.8	1.5	20.2	5.4	0.0	72.8	78.3	68.1
Georgia	691	28.4	27.0	23.9	19.8	0.8	28.4	33.4	24.1
Germany	573	72.5	3.4	16.8	7.1	0.2	72.5	75.2	69.8
Hong Kong SAR	566	41.7	3.6	47.2	7.3	0.2	41.7	49.0	35.3
Hungary	743	49.5	7.6	36.1	6.7	0.1	49.5	49.6	49.4
Iran, Islamic Rep. of	829	23.1	6.4	49.2	21.0	0.2	23.1	23.5	22.8
Ireland	655	79.5	7.3	11.0	2.2	0.0	79.5	81.1	78.2
Italy	602	57.8	10.6	22.9	8.6	0.0	57.8	58.7	57.0
Japan	630	62.3	2.2	31.7	3.5	0.3	62.3	63.2	61.4
Kazakhstan	623	28.4	14.0	46.0	10.9	0.8	28.4	31.8	25.4
Korea, Rep. of	616	83.8	1.1	13.1	1.9	0.0	83.8	83.7	83.9
Kuwait	589	4.1	6.8	45.7	42.1	1.3	4.1	6.4	1.2
Lithuania	681	54.1	3.3	32.5	9.9	0.1	54.1	50.5	57.4
Malta	521	63.3	13.1	17.2	6.4	0.0	63.3	63.3	63.3
Morocco	1111	3.4	7.0	40.9	47.6	1.0	3.4	3.4	3.4
Netherlands	471	70.8	7.1	21.0	0.8	0.2	70.8	77.2	64.6
New Zealand	799	76.1	7.6	12.7	3.3	0.2	76.1	77.8	74.5
Northern Ireland	503	69.6	6.2	19.0	5.1	0.0	69.6	71.3	68.2
Norway	455	62.9	3.5	24.8	8.7	0.1	62.9	62.7	63.1
Oman	1476	14.6	14.2	40.0	30.5	0.8	14.6	18.0	11.3
Poland	716	56.1	16.3	12.4	14.9	0.3	56.1	54.4	57.7
Portugal	574	66.6	8.9	19.9	4.4	0.1	66.6	67.4	65.9
Qatar	586	26.4	6.0	50.6	16.8	0.2	26.4	26.7	26.2
Romania	675	53.5	15.8	20.5	9.7	0.6	53.5	54.1	52.9
Russian Federation	645	65.1	3.0	22.6	9.3	0.0	65.1	63.5	66.6
Saudi Arabia	657	15.8	7.3	57.2	19.6	0.1	15.8	18.6	12.9
Serbia	622	45.9	5.7	34.6	13.6	0.2	45.9	48.0	44.1
Singapore	909	85.8	6.2	6.8	1.1	0.0	85.8	86.3	85.3
Slovak Republic	805	50.2	11.6	28.8	9.3	0.2	50.2	51.8	48.6
Slovenia	628	48.1	7.9	32.5	11.5	0.0	48.1	49.5	46.8
Spain	602	59.2	6.9	26.3	7.6	0.0	59.2	57.8	60.6
Sweden	677	74.9	3.0	14.0	7.6	0.5	74.9	80.3	69.6
Thailand	638	29.8	23.3	35.8	11.2	0.0	29.8	32.2	27.3
Tunisia	705	13.3	4.8	61.8	18.2	1.9	13.3	16.1	10.9
Turkey	1073	18.6	16.1	54.8	10.0	0.4	18.6	19.8	17.6
United Arab Emirates	2105	33.2	8.4	39.4	18.6	0.4	33.2	36.0	30.4
United States	1797	79.5	6.9	12.3	1.3	0.1	79.5	79.6	79.4
Yemen	1163	0.4	1.0	57.3	40.0	1.4	0.4	0.0	0.6
International Avg. (50)	37349	49.2	8.0	29.3	13.0	0.4	49.2	50.9	47.7
Botswana (6)	597	35.9	14.2	45.3	4.6	0.0	35.9	36.0	35.7
Honduras (6)	560	26.9	15.6	41.5	14.8	1.3	26.9	26.4	27.3
Yemen (6)	698	8.2	3.7	63.9	23.8	0.3	8.2	8.8	7.8
Alberta, Canada	516	79.2	4.8	13.3	2.6	0.1	79.2	79.0	79.4
Ontario, Canada	645	76.3	4.8	16.5	2.0	0.3	76.3	79.2	73.4
Quebec, Canada	599	62.6	5.4	26.9	4.6	0.5	62.6	67.0	58.2
Abu Dhabi, UAE	602	32.6	8.6	40.3	17.8	0.6	32.6	36.7	28.3
Dubai, UAE	870	44.6	4.6	35.9	14.6	0.4	44.6	44.5	44.6
Florida, US	393	76.5	8.5	12.4	2.3	0.2	76.5	75.8	77.3
North Carolina, US	257	79.4	4.7	13.4	2.5	0.0	79.4	89.0	70.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S08_05 (S051010): Life Science / Reasoning

Label: Middle tree did not grow as well - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	21.8	2.6	43.9	27.4	4.3	21.8	24.1	19.7
Australia	872	63.0	7.4	26.3	3.3	0.1	63.0	65.0	61.2
Austria	671	62.0	7.8	21.3	8.8	0.1	62.0	57.5	65.8
Azerbaijan	694	27.0	6.4	29.2	34.7	2.6	27.0	27.3	26.7
Bahrain	585	41.2	2.6	44.9	10.4	1.0	41.2	45.9	36.6
Belgium (Flemish)	685	61.6	5.2	31.5	1.7	0.1	61.6	63.0	60.4
Chile	796	26.2	4.5	60.7	7.7	1.0	26.2	26.5	25.9
Chinese Taipei	615	34.9	12.2	49.5	3.5	0.0	34.9	34.4	35.3
Croatia	646	41.8	11.0	41.0	6.1	0.0	41.8	47.1	36.4
Czech Republic	653	50.6	12.7	26.5	10.2	0.0	50.6	44.7	56.2
Denmark	564	68.5	5.5	18.5	6.9	0.6	68.5	69.4	67.5
England	470	60.4	12.6	23.8	3.2	0.0	60.4	58.6	62.1
Finland	664	75.9	8.7	11.5	3.8	0.0	75.9	79.8	72.5
Georgia	689	30.2	13.7	36.6	18.7	0.9	30.2	29.1	31.1
Germany	573	63.3	7.8	20.4	8.3	0.2	63.3	61.3	65.4
Hong Kong SAR	566	54.5	8.4	31.2	5.8	0.2	54.5	61.5	48.2
Hungary	743	58.8	2.4	34.7	3.9	0.2	58.8	60.5	57.4
Iran, Islamic Rep. of	829	32.7	2.5	46.3	18.3	0.2	32.7	31.9	33.4
Ireland	655	54.6	8.1	34.2	3.1	0.0	54.6	53.6	55.5
Italy	602	47.7	4.7	39.3	8.3	0.0	47.7	48.0	47.4
Japan	630	79.6	5.2	13.3	1.6	0.3	79.6	79.5	79.7
Kazakhstan	623	43.1	8.7	38.1	9.4	0.8	43.1	44.7	41.7
Korea, Rep. of	616	83.8	4.0	11.7	0.5	0.0	83.8	83.5	84.0
Kuwait	589	19.6	0.5	47.8	29.5	2.6	19.6	24.7	13.3
Lithuania	681	57.3	5.9	33.2	3.4	0.1	57.3	58.7	56.1
Malta	521	38.1	8.1	42.4	11.4	0.0	38.1	34.9	41.2
Morocco	1111	3.7	1.2	50.4	42.5	2.1	3.7	5.8	1.9
Netherlands	471	60.0	6.7	31.5	1.7	0.2	60.0	55.9	64.0
New Zealand	799	55.6	5.7	34.8	3.7	0.2	55.6	56.7	54.5
Northern Ireland	503	54.2	11.0	28.3	6.3	0.1	54.2	57.3	51.5
Norway	455	52.3	4.5	34.8	8.3	0.1	52.3	54.5	49.5
Oman	1476	19.8	1.6	50.4	27.0	1.2	19.8	24.5	15.4
Poland	716	44.1	12.6	28.6	14.2	0.4	44.1	44.3	43.9
Portugal	574	37.9	6.7	49.0	6.2	0.1	37.9	36.0	39.6
Qatar	586	30.0	2.5	53.2	14.1	0.2	30.0	29.2	30.7
Romania	675	45.8	4.3	42.2	6.6	1.1	45.8	46.6	45.0
Russian Federation	645	52.5	9.5	32.5	5.5	0.0	52.5	53.1	51.9
Saudi Arabia	657	32.8	0.8	50.5	15.7	0.1	32.8	37.1	28.4
Serbia	622	44.5	10.3	38.3	6.7	0.2	44.5	44.8	44.3
Singapore	909	79.2	5.5	14.2	1.1	0.0	79.2	81.3	77.3
Slovak Republic	805	39.3	11.6	41.1	7.8	0.2	39.3	39.9	38.8
Slovenia	628	43.1	12.0	38.5	6.4	0.0	43.1	42.8	43.5
Spain	602	38.9	5.6	45.6	9.8	0.0	38.9	40.8	37.1
Sweden	677	67.3	5.6	19.8	6.8	0.5	67.3	69.5	65.2
Thailand	638	43.2	1.9	44.3	10.7	0.0	43.2	45.1	41.1
Tunisia	705	10.8	1.4	68.2	17.4	2.3	10.8	10.8	10.8
Turkey	1073	39.2	2.9	52.8	4.6	0.4	39.2	42.5	36.5
United Arab Emirates	2105	36.1	2.7	45.3	15.5	0.5	36.1	40.2	31.9
United States	1797	56.5	5.1	36.5	1.7	0.2	56.5	58.2	55.0
Yemen	1164	2.7	0.3	56.8	38.8	1.4	2.7	2.2	3.0
International Avg. (50)	37349	45.8	6.2	36.9	10.6	0.5	45.8	46.7	44.8
Botswana (6)	597	24.5	3.3	68.2	3.9	0.0	24.5	25.3	23.8
Honduras (6)	560	27.3	7.2	54.1	9.9	1.5	27.3	28.6	26.1
Yemen (6)	698	19.9	0.5	57.3	21.6	0.7	19.9	23.7	17.0
Alberta, Canada	516	69.4	8.2	19.4	2.8	0.1	69.4	68.3	70.5
Ontario, Canada	645	70.2	7.4	19.9	1.7	0.7	70.2	71.6	68.7
Quebec, Canada	599	59.4	12.5	24.0	3.6	0.5	59.4	55.1	63.5
Abu Dhabi, UAE	602	30.8	2.1	52.4	14.0	0.6	30.8	34.8	26.6
Dubai, UAE	870	44.2	3.1	38.5	13.6	0.7	44.2	44.7	43.8
Florida, US	393	51.3	4.0	42.2	2.2	0.2	51.3	52.0	50.7
North Carolina, US	257	53.0	7.8	37.9	1.3	0.0	53.0	54.1	51.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S08_06 (S051035): Life Science / Applying

Label: Decrease air pollution in a city -- Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	20.7	15.9	20.7	31.1	18.9	8.8	4.6	21.8	19.8
Australia	872	33.0	5.2	33.0	42.0	18.5	1.2	0.1	37.6	29.0
Austria	671	33.6	2.4	33.6	35.3	23.6	5.0	0.1	28.1	38.1
Azerbaijan	694	55.7	8.0	55.7	16.7	10.3	6.4	2.9	57.8	54.0
Bahrain	585	24.4	10.8	24.4	39.8	21.4	2.4	1.2	23.9	24.9
Belgium (Flemish)	685	36.5	2.3	36.5	46.6	12.0	2.5	0.1	31.3	40.7
Chile	796	20.7	4.6	20.7	63.9	7.4	2.2	1.1	18.6	23.1
Chinese Taipei	615	73.3	1.2	73.3	20.8	3.6	1.0	0.0	75.6	71.3
Croatia	646	29.8	2.2	29.8	48.1	18.0	1.9	0.0	29.7	29.8
Czech Republic	653	27.3	4.4	27.3	44.6	22.2	1.2	0.3	21.4	32.8
Denmark	564	32.2	7.2	32.2	36.1	19.3	4.3	0.9	33.5	30.8
England	470	33.1	4.0	33.1	44.7	15.0	3.2	0.0	30.1	35.9
Finland	664	40.0	1.1	40.0	37.5	19.0	2.4	0.0	42.5	37.7
Georgia	689	38.9	16.6	38.9	18.1	23.5	2.0	0.9	41.3	36.8
Germany	573	28.4	3.0	28.4	42.3	20.7	5.3	0.3	24.1	32.7
Hong Kong SAR	566	41.5	3.3	41.5	45.0	9.6	0.3	0.3	39.2	43.5
Hungary	743	31.0	4.1	31.0	50.3	12.0	2.3	0.3	30.4	31.5
Iran, Islamic Rep. of	829	53.1	4.0	53.1	30.4	9.6	2.3	0.4	45.4	60.3
Ireland	655	33.8	3.6	33.8	43.3	17.7	1.6	0.1	38.7	29.7
Italy	602	41.6	2.9	41.6	39.8	13.8	1.8	0.0	38.4	44.5
Japan	630	13.8	1.3	13.8	79.6	4.7	0.4	0.3	12.2	15.2
Kazakhstan	624	40.1	6.0	40.1	17.7	32.7	2.1	1.4	38.8	41.2
Korea, Rep. of	616	81.2	1.2	81.2	16.3	0.8	0.4	0.2	82.8	79.8
Kuwait	585	20.2	13.9	20.2	37.3	18.0	7.9	2.7	18.7	22.1
Lithuania	681	30.8	1.9	30.8	46.2	18.3	2.6	0.1	30.6	31.0
Malta	521	42.7	8.8	42.7	35.8	11.2	1.5	0.0	40.3	45.0
Morocco	982	29.8	16.0	29.8	33.4	20.7	0.2	0.0	30.7	28.9
Netherlands	471	26.6	3.0	26.6	51.1	16.9	2.2	0.2	24.0	29.2
New Zealand	799	26.7	6.8	26.7	46.7	17.8	1.6	0.4	23.5	29.6
Northern Ireland	503	23.6	3.2	23.6	47.9	23.1	2.1	0.1	22.4	24.6
Norway	455	34.2	5.7	34.2	34.9	21.7	3.3	0.1	30.5	38.9
Oman	1476	24.9	17.7	24.9	31.8	19.0	5.2	1.3	24.6	25.2
Poland	716	28.1	0.7	28.1	58.8	10.3	1.4	0.7	29.1	27.1
Portugal	574	32.6	1.3	32.6	57.4	4.9	3.7	0.1	29.8	35.2
Qatar	586	25.9	17.2	25.9	35.9	19.1	1.6	0.3	27.4	24.6
Romania	674	25.8	6.9	25.8	52.0	11.2	2.9	1.2	25.5	26.1
Russian Federation	645	50.2	2.2	50.2	26.4	20.4	0.8	0.0	49.0	51.4
Saudi Arabia	657	27.0	14.6	27.0	34.7	21.6	1.8	0.3	20.5	33.9
Serbia	622	20.1	1.2	20.1	60.7	14.8	3.0	0.2	22.9	17.7
Singapore	909	49.2	3.7	49.2	41.4	5.2	0.4	0.0	50.5	48.0
Slovak Republic	805	20.9	3.8	20.9	61.3	13.3	0.5	0.2	17.2	24.6
Slovenia	624	35.5	2.9	35.5	42.2	16.2	2.9	0.4	34.8	36.0
Spain	602	48.4	3.0	48.4	36.7	8.5	3.3	0.0	45.7	51.1
Sweden	677	36.4	2.0	36.4	37.5	21.5	1.9	0.6	33.7	39.0
Thailand	638	24.3	5.8	24.3	58.6	9.9	1.4	0.0	24.0	24.5
Tunisia	674	26.2	8.3	26.2	39.0	15.7	7.9	2.9	23.0	28.8
Turkey	1073	44.9	6.1	44.9	32.2	15.4	1.1	0.4	45.7	44.1
United Arab Emirates	2105	28.1	12.0	28.1	38.0	19.2	2.1	0.5	29.6	26.6
United States	1797	30.7	3.8	30.7	46.7	16.9	1.6	0.3	30.2	31.2
Yemen	1164	28.1	15.1	28.1	28.8	18.1	8.1	1.8	29.3	27.3
International Avg. (50)	37181	34.1	6.1	34.1	40.9	15.7	2.7	0.6	33.1	35.1
Botswana (6)	597	27.8	10.4	27.8	42.9	18.2	0.7	0.0	26.2	29.4
Honduras (6)	560	59.6	11.4	59.6	14.6	10.7	2.0	1.7	61.0	58.4
Yemen (6)	698	37.3	10.5	37.3	26.2	22.0	3.1	0.9	35.6	38.6
Alberta, Canada	516	40.3	2.6	40.3	36.1	19.3	1.5	0.1	41.9	38.9
Ontario, Canada	645	31.7	3.6	31.7	45.4	17.6	0.8	0.9	30.7	32.6
Quebec, Canada	599	35.4	1.5	35.4	54.8	5.5	2.2	0.6	35.3	35.4
Abu Dhabi, UAE	602	26.8	12.8	26.8	39.1	18.3	2.2	0.8	29.5	24.0
Dubai, UAE	870	28.8	10.5	28.8	41.6	16.7	1.8	0.7	26.7	30.6
Florida, US	393	32.2	4.0	32.2	46.9	16.1	0.6	0.2	29.8	34.4
North Carolina, US	257	32.7	2.1	32.7	43.2	19.9	2.1	0.0	36.2	29.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S08_07 (S051059): Physical Science / Knowing

Label: Difference between ice and water - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	38.0	23.0	34.1	5.0	38.0	41.7	34.1
Australia	872	43.1	51.9	5.0	0.1	43.1	46.2	40.4
Austria	671	65.3	22.8	11.8	0.1	65.3	66.8	64.1
Azerbaijan	694	27.2	30.4	38.6	3.7	27.2	29.3	25.5
Bahrain	585	37.7	52.1	9.0	1.2	37.7	40.9	34.7
Belgium (Flemish)	685	62.4	34.3	3.3	0.1	62.4	60.9	63.5
Chile	796	36.7	51.4	10.7	1.2	36.7	39.2	34.1
Chinese Taipei	615	69.1	22.8	8.1	0.0	69.1	72.2	66.4
Croatia	646	41.3	50.2	8.4	0.0	41.3	40.7	42.0
Czech Republic	653	48.9	40.5	10.3	0.3	48.9	49.4	48.5
Denmark	564	59.0	28.9	11.2	0.9	59.0	60.6	57.3
England	470	41.1	53.6	5.2	0.1	41.1	44.1	38.2
Finland	664	61.5	29.2	9.2	0.0	61.5	66.6	57.1
Georgia	690	49.2	32.2	17.6	1.0	49.2	53.8	45.3
Germany	573	41.8	49.4	8.4	0.3	41.8	42.1	41.5
Hong Kong SAR	566	52.1	41.2	6.5	0.3	52.1	56.3	48.3
Hungary	743	38.3	54.3	7.1	0.3	38.3	44.7	32.8
Iran, Islamic Rep. of	829	36.2	47.3	16.1	0.4	36.2	36.8	35.7
Ireland	655	64.7	30.9	4.3	0.1	64.7	64.7	64.7
Italy	602	40.9	47.3	11.8	0.0	40.9	40.8	41.0
Japan	630	69.8	25.2	4.7	0.3	69.8	70.2	69.4
Kazakhstan	623	37.4	52.8	8.4	1.4	37.4	43.6	32.1
Korea, Rep. of	616	66.2	32.6	1.0	0.2	66.2	66.6	65.9
Kuwait	589	11.6	52.8	32.6	2.9	11.6	14.8	7.7
Lithuania	681	41.0	52.6	6.1	0.3	41.0	41.3	40.7
Malta	521	38.2	47.5	14.3	0.0	38.2	39.1	37.3
Morocco	1111	2.4	50.2	45.1	2.2	2.4	1.9	2.8
Netherlands	471	52.9	45.2	1.7	0.2	52.9	53.3	52.5
New Zealand	799	44.8	50.1	4.7	0.4	44.8	48.4	41.4
Northern Ireland	503	44.3	49.7	5.9	0.1	44.3	46.4	42.6
Norway	455	49.7	40.8	9.1	0.3	49.7	52.3	46.4
Oman	1476	10.1	58.5	30.1	1.3	10.1	11.7	8.6
Poland	716	52.2	24.0	23.0	0.8	52.2	52.8	51.7
Portugal	574	48.2	45.8	5.8	0.2	48.2	43.2	52.8
Qatar	586	23.8	63.7	12.2	0.3	23.8	24.3	23.3
Romania	675	47.0	39.1	12.7	1.2	47.0	51.9	42.2
Russian Federation	645	42.2	50.6	7.2	0.0	42.2	42.2	42.2
Saudi Arabia	657	21.2	61.0	17.4	0.4	21.2	27.4	14.6
Serbia	622	64.6	24.0	10.7	0.7	64.6	67.6	62.1
Singapore	909	79.2	19.5	1.3	0.0	79.2	81.8	76.9
Slovak Republic	805	44.6	45.9	9.4	0.2	44.6	45.8	43.3
Slovenia	628	40.2	52.6	6.8	0.3	40.2	35.1	44.5
Spain	602	36.1	51.6	12.3	0.0	36.1	34.8	37.4
Sweden	677	71.3	20.7	7.3	0.7	71.3	71.9	70.7
Thailand	638	32.7	54.8	12.3	0.2	32.7	37.3	28.1
Tunisia	705	27.4	56.1	13.3	3.2	27.4	29.3	25.9
Turkey	1073	47.5	45.9	6.1	0.5	47.5	50.1	45.3
United Arab Emirates	2105	27.6	54.6	17.3	0.6	27.6	29.3	25.8
United States	1797	62.0	36.0	1.6	0.4	62.0	66.3	58.1
Yemen	1162	0.8	53.3	44.1	1.8	0.8	0.8	0.8
International Avg. (50)	37348	43.8	43.0	12.4	0.7	43.8	45.6	42.2
Botswana (6)	597	21.7	72.7	5.6	0.0	21.7	22.0	21.4
Honduras (6)	560	34.9	49.7	13.6	1.8	34.9	34.2	35.6
Yemen (6)	697	8.1	68.1	22.8	1.1	8.1	6.7	9.1
Alberta, Canada	516	44.7	50.2	5.0	0.1	44.7	50.1	40.0
Ontario, Canada	645	47.4	48.5	3.0	1.1	47.4	49.2	45.6
Quebec, Canada	599	50.9	41.6	6.9	0.6	50.9	51.9	50.0
Abu Dhabi, UAE	602	27.1	55.9	16.1	0.8	27.1	29.4	24.8
Dubai, UAE	870	33.7	52.0	13.6	0.7	33.7	33.5	33.8
Florida, US	393	63.6	34.3	1.9	0.2	63.6	64.6	62.7
North Carolina, US	257	70.6	27.7	1.3	0.5	70.6	73.0	68.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S08_08 (S051142): Physical Science / Applying
Label: Temperature which materials melt - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	26.0	26.0	7.6	7.9	36.4	16.3	5.7	24.2	27.8
Australia	872	58.1	58.1	2.8	5.1	32.9	1.0	0.1	57.0	59.1
Austria	671	58.3	58.3	2.6	2.5	33.4	3.1	0.1	54.3	61.6
Azerbaijan	694	44.9	44.9	7.9	7.6	28.2	6.3	5.0	43.2	46.4
Bahrain	585	30.4	30.4	8.5	7.0	51.6	1.4	1.2	29.0	31.7
Belgium (Flemish)	685	53.5	53.5	3.1	3.2	38.9	1.3	0.1	53.2	53.7
Chile	796	52.1	52.1	7.5	5.9	30.2	2.2	2.2	49.2	55.2
Chinese Taipei	615	36.5	36.5	5.5	2.1	55.6	0.3	0.0	36.1	36.9
Croatia	646	44.4	44.4	5.1	4.7	43.6	2.0	0.2	40.6	48.3
Czech Republic	653	51.4	51.4	2.1	2.7	41.9	1.7	0.3	51.3	51.5
Denmark	564	53.5	53.5	2.4	1.8	36.4	4.6	1.1	52.9	54.2
England	470	52.5	52.5	2.9	2.4	38.3	3.6	0.3	54.3	50.8
Finland	664	45.2	45.2	7.7	3.6	41.7	1.7	0.0	50.0	41.0
Georgia	690	29.0	29.0	9.2	8.4	48.7	3.2	1.5	34.8	24.1
Germany	573	60.4	60.4	2.8	3.0	28.3	5.2	0.3	59.3	61.5
Hong Kong SAR	566	34.3	34.3	7.1	4.7	52.3	1.3	0.3	30.7	37.5
Hungary	743	56.4	56.4	2.9	3.3	35.4	1.7	0.3	57.5	55.5
Iran, Islamic Rep. of	829	36.1	36.1	8.2	9.1	42.9	3.0	0.7	31.1	40.8
Ireland	655	51.6	51.6	5.1	5.6	35.7	1.8	0.2	49.1	53.8
Italy	602	54.8	54.8	2.2	0.9	40.6	1.5	0.0	51.4	57.9
Japan	630	62.3	62.3	2.0	2.6	31.8	0.9	0.3	62.0	62.6
Kazakhstan	624	38.7	38.7	5.8	6.3	46.0	1.7	1.5	39.6	38.0
Korea, Rep. of	616	52.4	52.4	2.1	1.7	43.5	0.2	0.2	54.4	50.8
Kuwait	585	21.5	21.5	11.8	14.3	43.2	5.9	3.2	21.0	22.2
Lithuania	681	52.9	52.9	2.6	2.2	39.0	3.0	0.3	51.9	53.9
Malta	521	46.1	46.1	7.5	7.5	35.2	3.8	0.0	43.7	48.3
Morocco	976	20.9	20.9	14.5	19.2	45.4	0.0	0.0	20.2	21.6
Netherlands	471	60.3	60.3	3.3	3.2	31.6	1.3	0.2	58.0	62.6
New Zealand	799	54.1	54.1	4.5	7.1	31.4	2.4	0.5	51.0	56.9
Northern Ireland	503	57.4	57.4	4.4	4.8	31.8	1.4	0.1	58.5	56.4
Norway	455	36.0	36.0	3.9	4.3	52.9	2.3	0.6	33.4	39.3
Oman	1476	28.8	28.8	9.7	10.9	45.2	4.1	1.3	28.1	29.5
Poland	716	65.6	65.6	1.5	2.3	28.3	1.3	1.1	62.0	68.9
Portugal	574	42.4	42.4	7.1	4.1	43.5	2.6	0.4	38.7	45.9
Qatar	586	32.1	32.1	16.7	7.3	42.3	1.3	0.3	28.7	35.2
Romania	674	54.8	54.8	2.6	4.0	34.8	2.5	1.2	56.3	53.4
Russian Federation	645	55.9	55.9	3.1	2.7	37.3	1.1	0.0	53.3	58.4
Saudi Arabia	655	31.2	31.2	12.6	10.7	43.3	1.5	0.7	40.6	21.2
Serbia	622	67.2	67.2	4.3	2.0	23.5	2.0	0.9	69.0	65.7
Singapore	909	62.8	62.8	3.0	2.1	32.1	0.1	0.0	61.9	63.5
Slovak Republic	805	51.6	51.6	1.7	8.0	37.5	1.1	0.2	51.2	51.9
Slovenia	624	46.9	46.9	3.8	8.2	39.0	1.7	0.4	50.3	44.0
Spain	602	49.2	49.2	4.8	3.3	38.9	3.5	0.4	48.5	49.7
Sweden	677	51.3	51.3	4.7	2.8	37.6	3.1	0.7	54.0	48.6
Thailand	638	19.7	19.7	15.6	8.2	54.9	1.6	0.2	18.6	20.7
Tunisia	669	13.2	13.2	15.4	14.8	45.1	7.8	3.7	16.3	10.6
Turkey	1073	42.6	42.6	8.0	3.2	44.7	1.0	0.5	45.0	40.6
United Arab Emirates	2105	33.7	33.7	10.9	7.9	44.2	2.7	0.7	32.8	34.5
United States	1797	59.2	59.2	3.7	2.8	32.3	1.4	0.6	56.9	61.2
Yemen	1164	16.6	16.6	18.2	23.5	32.4	7.3	2.0	18.0	15.6
International Avg. (50)	37169	45.1	45.1	6.3	5.9	39.2	2.7	0.8	44.7	45.6
Botswana (6)	597	24.2	24.2	12.2	9.9	53.1	0.6	0.0	23.7	24.6
Honduras (6)	560	40.1	40.1	8.1	4.1	43.8	2.1	1.8	37.3	42.6
Yemen (6)	698	19.5	19.5	11.3	14.3	51.0	2.4	1.4	18.4	20.4
Alberta, Canada	516	55.2	55.2	3.9	3.8	36.0	1.0	0.1	54.0	56.3
Ontario, Canada	645	48.4	48.4	2.7	2.9	42.7	1.7	1.5	46.4	50.5
Quebec, Canada	599	40.4	40.4	3.7	4.2	49.0	1.5	1.1	39.9	41.0
Abu Dhabi, UAE	602	31.9	31.9	11.4	9.9	42.9	3.0	0.9	28.0	36.0
Dubai, UAE	870	38.2	38.2	7.5	6.2	45.0	2.3	0.8	35.8	40.2
Florida, US	393	56.9	56.9	5.0	2.1	35.2	0.3	0.5	51.7	61.7
North Carolina, US	257	58.6	58.6	3.3	2.8	33.6	1.3	0.5	54.5	62.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S08_09A (S051131A): Physical Science / Reasoning
Label: Flashlight: color of shadow - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	43.7	17.4	14.5	43.7	9.3	9.1	6.0	42.8	44.3
Australia	872	77.6	6.8	3.2	77.6	10.6	1.5	0.3	74.6	80.3
Austria	671	67.6	7.2	11.5	67.6	11.3	2.1	0.3	67.4	67.8
Azerbaijan	694	51.4	8.0	8.9	51.4	18.1	8.5	5.1	50.2	52.4
Bahrain	585	41.2	13.8	30.8	41.2	10.9	2.0	1.3	38.5	43.8
Belgium (Flemish)	685	69.6	6.2	10.7	69.6	13.0	0.3	0.1	64.1	74.0
Chile	796	63.7	12.7	11.6	63.7	8.1	1.2	2.7	60.8	66.8
Chinese Taipei	615	75.3	4.0	6.5	75.3	13.9	0.3	0.0	75.2	75.4
Croatia	646	51.1	12.0	11.8	51.1	23.2	1.9	0.2	47.0	55.3
Czech Republic	653	72.2	9.3	7.6	72.2	8.3	1.9	0.7	69.1	75.0
Denmark	564	77.3	6.9	7.1	77.3	5.5	2.1	1.1	79.0	75.5
England	470	79.7	3.4	4.2	79.7	10.3	2.1	0.3	81.6	77.9
Finland	664	73.4	3.0	7.1	73.4	16.2	0.3	0.0	73.6	73.3
Georgia	691	48.5	16.4	10.8	48.5	17.6	4.9	1.7	49.1	48.1
Germany	573	68.9	7.5	8.4	68.9	12.0	2.6	0.5	66.4	71.4
Hong Kong SAR	566	75.4	5.4	5.9	75.4	12.8	0.2	0.3	76.3	74.6
Hungary	743	73.4	10.0	5.6	73.4	9.6	1.0	0.3	73.2	73.7
Iran, Islamic Rep. of	829	46.1	12.3	9.2	46.1	27.7	3.8	0.9	39.8	52.0
Ireland	655	71.9	9.3	5.8	71.9	12.3	0.5	0.2	66.3	76.6
Italy	602	54.6	11.7	11.3	54.6	20.4	1.9	0.0	50.5	58.2
Japan	630	82.5	3.0	3.4	82.5	10.5	0.3	0.3	79.6	85.1
Kazakhstan	624	62.3	18.0	8.5	62.3	7.7	2.0	1.5	59.5	64.8
Korea, Rep. of	616	83.8	3.0	2.2	83.8	10.7	0.2	0.2	80.9	86.4
Kuwait	582	25.8	17.0	38.3	25.8	10.1	5.1	3.8	26.0	25.6
Lithuania	681	79.6	7.7	6.5	79.6	4.8	1.1	0.3	75.5	83.3
Malta	521	57.6	11.5	11.4	57.6	17.9	1.6	0.0	54.2	60.9
Morocco	949	28.3	26.5	35.4	28.3	9.8	0.0	0.0	24.8	31.0
Netherlands	471	73.2	6.0	9.0	73.2	11.0	0.6	0.2	68.0	78.2
New Zealand	799	67.3	8.0	8.5	67.3	13.7	1.9	0.6	67.8	66.9
Northern Ireland	503	73.0	6.8	4.0	73.0	14.2	1.9	0.1	74.2	72.0
Norway	455	55.3	13.8	10.0	55.3	17.9	2.4	0.6	55.7	54.9
Oman	1476	28.4	30.6	19.0	28.4	16.5	4.0	1.5	25.1	31.4
Poland	716	52.0	13.6	18.3	52.0	12.5	2.3	1.3	49.4	54.4
Portugal	574	51.4	8.0	17.2	51.4	21.8	1.0	0.5	44.7	57.6
Qatar	586	42.7	18.1	21.7	42.7	15.6	1.6	0.3	39.0	46.0
Romania	673	63.4	10.2	11.2	63.4	12.4	1.4	1.2	56.8	69.8
Russian Federation	645	79.5	5.8	6.3	79.5	7.6	0.8	0.0	75.8	83.1
Saudi Arabia	653	29.7	18.0	40.5	29.7	9.2	1.9	0.7	22.5	37.2
Serbia	622	56.7	10.1	17.6	56.7	11.5	3.1	1.0	50.5	62.0
Singapore	909	89.1	2.2	3.7	89.1	4.3	0.8	0.0	90.7	87.5
Slovak Republic	805	60.0	13.5	16.4	60.0	7.2	2.5	0.2	57.6	62.6
Slovenia	628	54.7	7.5	21.1	54.7	15.1	1.3	0.3	48.9	59.7
Spain	602	61.3	7.8	13.2	61.3	14.9	2.3	0.4	58.8	63.7
Sweden	677	68.7	4.5	13.8	68.7	11.1	1.1	0.7	65.9	71.5
Thailand	638	37.7	11.0	24.9	37.7	24.6	1.6	0.2	37.4	38.0
Tunisia	686	29.7	14.1	29.2	29.7	14.0	8.5	4.4	27.4	31.7
Turkey	1073	44.4	21.3	14.8	44.4	17.9	1.1	0.6	43.6	45.1
United Arab Emirates	2105	45.0	15.8	22.7	45.0	13.7	1.9	0.9	43.6	46.4
United States	1797	77.5	4.4	5.7	77.5	9.9	1.7	0.8	79.7	75.6
Yemen	1163	21.5	19.8	38.0	21.5	9.8	8.6	2.3	18.3	23.8
International Avg. (50)	37157	59.3	10.8	13.7	59.3	13.0	2.3	0.9	56.9	61.5
Botswana (6)	597	36.4	31.0	19.5	36.4	12.9	0.3	0.0	31.0	41.7
Honduras (6)	560	35.1	28.5	21.3	35.1	11.2	2.1	1.8	31.4	38.4
Yemen (6)	698	21.2	18.9	44.4	21.2	10.3	3.7	1.4	19.2	22.8
Alberta, Canada	516	77.9	4.1	5.4	77.9	11.6	0.9	0.1	78.4	77.4
Ontario, Canada	645	70.8	5.8	9.9	70.8	10.5	0.7	2.2	68.0	73.7
Quebec, Canada	599	63.3	4.6	14.5	63.3	14.7	1.5	1.3	63.4	63.3
Abu Dhabi, UAE	602	43.7	15.9	24.3	43.7	12.9	2.0	1.2	43.5	43.9
Dubai, UAE	870	57.7	11.6	14.6	57.7	13.5	1.7	0.9	55.4	59.7
Florida, US	393	79.2	4.8	3.3	79.2	10.8	1.4	0.5	76.3	82.0
North Carolina, US	257	80.3	4.5	4.7	80.3	9.7	0.4	0.5	77.2	83.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S08_09B (S051131B): Physical Science / Knowing
Label: Flashlight: shadow on wall - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	35.2	20.8	9.6	19.6	35.2	8.2	6.5	35.3	35.3
Australia	872	50.0	25.5	14.0	8.9	50.0	1.3	0.3	49.6	50.3
Austria	671	53.1	25.1	12.2	7.0	53.1	2.4	0.3	50.6	55.3
Azerbaijan	694	34.4	24.5	12.9	15.6	34.4	6.6	5.9	33.7	35.1
Bahrain	585	27.3	33.5	19.2	16.3	27.3	1.7	2.0	22.7	31.8
Belgium (Flemish)	685	51.0	32.4	9.2	6.4	51.0	0.8	0.2	51.6	50.5
Chile	796	37.0	31.6	11.2	14.8	37.0	2.5	2.9	29.5	45.0
Chinese Taipei	615	59.8	24.8	7.1	8.0	59.8	0.3	0.0	60.5	59.2
Croatia	646	43.2	30.4	15.3	8.8	43.2	2.1	0.2	40.5	45.9
Czech Republic	653	52.8	26.8	9.0	8.3	52.8	1.6	1.5	48.7	56.7
Denmark	564	50.1	27.4	13.0	6.2	50.1	2.1	1.2	47.5	52.7
England	470	61.6	17.7	11.4	6.2	61.6	2.7	0.4	59.2	63.9
Finland	664	68.0	19.7	6.1	5.3	68.0	0.8	0.0	64.3	71.3
Georgia	691	44.3	25.9	5.9	17.5	44.3	4.2	2.3	39.5	48.3
Germany	573	56.2	23.1	11.6	6.0	56.2	2.4	0.7	55.5	56.8
Hong Kong SAR	566	61.6	19.3	10.7	7.8	61.6	0.4	0.3	60.1	62.8
Hungary	743	42.1	32.7	13.6	10.0	42.1	0.9	0.5	37.1	46.4
Iran, Islamic Rep. of	829	38.6	29.3	14.1	12.4	38.6	4.4	1.2	36.6	40.5
Ireland	655	49.1	28.2	13.3	7.4	49.1	1.7	0.3	46.2	51.6
Italy	602	41.4	38.0	11.7	6.8	41.4	1.8	0.2	41.4	41.4
Japan	630	53.1	21.6	16.0	8.1	53.1	0.8	0.3	49.6	56.1
Kazakhstan	624	42.0	24.9	12.6	14.3	42.0	4.7	1.5	38.5	45.1
Korea, Rep. of	616	73.2	10.7	11.5	4.3	73.2	0.2	0.2	70.3	75.8
Kuwait	579	25.6	32.5	12.7	17.6	25.6	6.4	5.2	24.5	26.9
Lithuania	681	43.3	31.7	13.4	9.5	43.3	1.6	0.5	38.5	47.7
Malta	521	35.4	35.4	15.4	11.9	35.4	1.7	0.2	30.8	39.8
Morocco	937	25.2	29.0	16.7	29.1	25.2	0.0	0.0	21.1	28.7
Netherlands	471	61.2	21.8	8.1	7.0	61.2	1.1	0.6	57.3	65.1
New Zealand	799	39.9	32.9	15.4	8.3	39.9	2.3	1.2	35.3	44.2
Northern Ireland	503	52.5	22.1	15.8	6.5	52.5	2.7	0.4	45.3	58.8
Norway	455	41.7	28.1	17.4	9.4	41.7	2.6	0.7	38.8	45.3
Oman	1476	22.5	35.7	17.0	18.6	22.5	4.2	1.9	21.1	23.8
Poland	716	40.3	36.5	10.9	8.9	40.3	1.1	2.2	38.2	42.2
Portugal	574	44.8	29.7	11.9	11.1	44.8	1.9	0.5	39.3	49.9
Qatar	586	36.5	30.9	12.8	16.5	36.5	2.8	0.6	32.0	40.4
Romania	675	40.2	34.9	10.6	11.2	40.2	1.8	1.3	34.5	45.8
Russian Federation	645	59.5	22.8	8.3	8.0	59.5	1.4	0.0	56.3	62.6
Saudi Arabia	655	23.4	33.2	16.4	23.1	23.4	3.1	0.8	16.7	30.4
Serbia	622	47.2	32.3	11.5	5.6	47.2	1.8	1.6	45.0	49.1
Singapore	909	74.4	13.5	7.3	4.6	74.4	0.1	0.1	75.6	73.3
Slovak Republic	805	45.7	26.8	13.8	11.1	45.7	1.9	0.8	39.0	52.6
Slovenia	627	50.0	32.1	5.9	10.6	50.0	1.1	0.4	43.9	55.1
Spain	602	43.0	35.4	8.8	9.9	43.0	2.1	0.9	41.0	44.9
Sweden	677	60.9	21.3	9.1	6.3	60.9	1.4	1.0	55.6	66.1
Thailand	638	40.0	28.0	10.1	19.9	40.0	1.7	0.3	34.4	45.8
Tunisia	681	21.0	27.7	17.5	19.8	21.0	8.2	5.8	19.3	22.4
Turkey	1073	31.6	30.5	21.6	14.2	31.6	1.5	0.6	31.6	31.5
United Arab Emirates	2105	33.6	33.9	13.9	14.7	33.6	2.7	1.2	27.5	39.8
United States	1797	55.4	20.8	13.0	7.7	55.4	1.9	1.2	53.0	57.5
Yemen	1164	16.2	23.0	17.0	31.5	16.2	9.6	2.6	16.2	16.2
International Avg. (50)	37141	44.7	27.5	12.5	11.6	44.7	2.5	1.2	41.6	47.7
Botswana (6)	597	26.1	29.2	17.6	26.0	26.1	1.1	0.0	25.4	26.9
Honduras (6)	560	29.1	31.2	12.6	22.9	29.1	2.1	2.0	22.6	34.9
Yemen (6)	698	15.0	30.7	20.3	28.8	15.0	3.1	2.2	15.1	14.9
Alberta, Canada	516	58.1	23.0	11.8	6.0	58.1	0.8	0.4	57.3	58.8
Ontario, Canada	645	48.4	25.1	14.5	7.3	48.4	1.9	2.7	48.7	48.2
Quebec, Canada	599	54.2	27.2	6.9	8.1	54.2	2.0	1.6	51.2	57.2
Abu Dhabi, UAE	602	30.6	36.2	14.6	15.3	30.6	1.9	1.4	25.1	36.2
Dubai, UAE	870	43.5	29.9	13.1	10.1	43.5	2.3	1.1	34.8	50.9
Florida, US	393	54.7	22.6	11.7	8.3	54.7	1.2	1.4	47.8	61.1
North Carolina, US	257	64.1	20.1	10.0	4.9	64.1	0.4	0.5	60.5	67.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S08_10 (S051151): Earth Science / Knowing
Label: Earth's features and descriptions - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	54.4	33.7	5.4	6.5	54.4	55.6	53.4
Australia	872	83.3	15.6	0.7	0.3	83.3	83.4	83.3
Austria	671	92.8	5.7	1.3	0.3	92.8	93.0	92.6
Azerbaijan	694	55.9	22.3	15.6	6.1	55.9	54.0	57.5
Bahrain	585	56.7	40.6	0.7	2.0	56.7	55.2	58.3
Belgium (Flemish)	685	80.7	19.1	0.0	0.2	80.7	79.3	81.8
Chile	796	69.6	25.4	2.0	2.9	69.6	65.6	74.0
Chinese Taipei	615	93.9	6.0	0.2	0.0	93.9	93.0	94.7
Croatia	646	96.4	3.0	0.4	0.2	96.4	96.2	96.5
Czech Republic	653	86.4	11.3	0.9	1.5	86.4	83.9	88.7
Denmark	564	84.7	12.4	1.6	1.2	84.7	84.4	85.1
England	470	77.5	21.6	0.5	0.4	77.5	76.6	78.4
Finland	664	91.0	8.7	0.3	0.0	91.0	91.8	90.4
Georgia	691	60.7	34.3	2.6	2.3	60.7	62.1	59.6
Germany	573	84.7	12.8	1.7	0.8	84.7	84.4	85.0
Hong Kong SAR	566	90.0	9.4	0.3	0.3	90.0	90.2	89.8
Hungary	742	87.5	11.2	0.7	0.5	87.5	87.5	87.5
Iran, Islamic Rep. of	829	50.6	45.8	2.4	1.2	50.6	49.8	51.3
Ireland	655	83.2	16.4	0.2	0.3	83.2	82.2	84.0
Italy	602	86.4	12.3	1.0	0.2	86.4	85.8	87.0
Japan	630	92.8	6.9	0.0	0.3	92.8	94.5	91.3
Kazakhstan	623	63.4	33.1	1.9	1.5	63.4	64.1	62.9
Korea, Rep. of	616	95.1	4.7	0.0	0.2	95.1	96.5	93.9
Kuwait	589	37.4	54.2	3.1	5.4	37.4	39.5	34.7
Lithuania	681	79.2	19.9	0.4	0.5	79.2	79.2	79.2
Malta	521	61.1	37.6	1.1	0.2	61.1	59.6	62.5
Morocco	1111	16.3	72.1	8.7	2.9	16.3	13.8	18.5
Netherlands	471	81.8	17.2	0.4	0.6	81.8	80.8	82.8
New Zealand	799	79.7	18.3	0.7	1.2	79.7	79.3	80.1
Northern Ireland	503	85.0	13.6	1.0	0.4	85.0	86.6	83.7
Norway	455	82.2	16.5	0.5	0.7	82.2	85.6	78.0
Oman	1476	41.8	54.2	2.0	2.0	41.8	45.7	38.0
Poland	716	72.5	24.4	0.8	2.3	72.5	72.2	72.8
Portugal	574	82.7	16.2	0.5	0.5	82.7	80.8	84.5
Qatar	586	45.5	52.0	2.0	0.6	45.5	45.6	45.3
Romania	675	73.4	22.9	2.1	1.6	73.4	69.2	77.6
Russian Federation	645	90.9	8.6	0.5	0.0	90.9	92.3	89.5
Saudi Arabia	657	48.7	49.1	1.3	0.8	48.7	52.9	44.3
Serbia	622	82.0	15.3	0.8	2.0	82.0	77.9	85.4
Singapore	909	76.2	23.6	0.1	0.1	76.2	75.6	76.7
Slovak Republic	805	86.6	12.0	0.7	0.8	86.6	85.3	87.9
Slovenia	628	94.6	4.8	0.3	0.3	94.6	94.0	95.1
Spain	602	81.1	17.7	0.3	0.9	81.1	80.0	82.2
Sweden	677	86.6	12.1	0.3	1.0	86.6	87.4	85.9
Thailand	638	50.1	48.7	0.8	0.3	50.1	48.4	51.9
Tunisia	704	24.3	65.3	4.6	5.9	24.3	21.9	26.3
Turkey	1073	59.9	37.9	1.5	0.7	59.9	58.7	61.0
United Arab Emirates	2105	59.2	38.7	0.8	1.2	59.2	63.6	54.8
United States	1797	88.6	8.7	1.4	1.2	88.6	90.5	86.9
Yemen	1164	8.5	80.9	8.0	2.6	8.5	6.8	9.7
International Avg. (50)	37349	71.9	25.1	1.7	1.3	71.9	71.6	72.0
Botswana (6)	597	24.9	73.2	1.9	0.0	24.9	22.8	27.1
Honduras (6)	560	68.2	29.0	0.7	2.1	68.2	62.4	73.3
Yemen (6)	698	24.0	71.2	2.6	2.2	24.0	23.3	24.5
Alberta, Canada	516	84.1	14.6	0.9	0.4	84.1	83.8	84.4
Ontario, Canada	645	84.8	12.1	0.2	2.9	84.8	84.5	85.1
Quebec, Canada	599	85.5	12.0	0.9	1.6	85.5	82.5	88.4
Abu Dhabi, UAE	602	54.5	42.9	1.2	1.4	54.5	61.3	47.5
Dubai, UAE	870	66.8	31.2	0.9	1.1	66.8	66.9	66.6
Florida, US	393	91.5	6.5	0.7	1.4	91.5	90.4	92.5
North Carolina, US	257	92.8	6.3	0.4	0.5	92.8	93.3	92.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S08_11 (S051157): Earth Science / Applying

Label: How did fish become part of rock? - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	28.3	27.2	19.0	28.3	7.6	10.6	7.3	26.2	30.1
Australia	872	48.9	28.9	11.6	48.9	9.0	1.3	0.3	46.0	51.4
Austria	671	59.7	18.4	10.6	59.7	8.7	2.1	0.5	54.9	63.7
Azerbaijan	694	21.8	24.3	25.7	21.8	9.4	10.2	8.4	24.1	20.0
Bahrain	585	26.1	36.9	17.6	26.1	15.9	1.6	2.0	27.6	24.7
Belgium (Flemish)	685	33.4	40.8	15.5	33.4	8.9	1.2	0.2	31.1	35.2
Chile	796	29.7	35.4	18.7	29.7	10.4	1.8	4.0	26.2	33.6
Chinese Taipei	615	33.3	53.6	3.0	33.3	8.7	1.3	0.0	33.0	33.6
Croatia	646	28.0	32.9	23.2	28.0	14.5	1.0	0.4	21.4	34.9
Czech Republic	653	47.0	33.4	10.0	47.0	6.8	1.3	1.5	40.3	53.2
Denmark	564	42.8	34.2	9.2	42.8	9.1	2.9	1.7	41.0	44.6
England	470	43.5	31.8	12.6	43.5	8.3	3.3	0.4	40.5	46.3
Finland	664	51.6	27.3	9.8	51.6	11.0	0.3	0.0	50.5	52.7
Georgia	691	28.3	31.3	18.9	28.3	16.4	2.7	2.3	26.8	29.5
Germany	573	58.8	24.4	6.8	58.8	5.3	3.4	1.3	54.1	63.5
Hong Kong SAR	566	49.7	34.0	8.3	49.7	7.2	0.5	0.3	46.9	52.1
Hungary	743	41.2	34.6	8.5	41.2	13.7	1.5	0.6	38.4	43.5
Iran, Islamic Rep. of	829	41.9	22.7	17.7	41.9	12.7	3.4	1.6	37.9	45.5
Ireland	655	40.3	32.5	14.8	40.3	10.7	1.1	0.5	34.7	45.2
Italy	602	42.7	32.8	9.5	42.7	13.7	1.2	0.2	35.3	49.2
Japan	630	58.8	25.9	5.9	58.8	8.4	0.6	0.3	55.1	62.0
Kazakhstan	624	34.3	24.5	14.8	34.3	20.9	3.9	1.6	33.0	35.3
Korea, Rep. of	616	81.5	7.0	7.3	81.5	4.0	0.0	0.2	83.0	80.3
Kuwait	578	21.5	31.0	22.9	21.5	12.6	7.0	5.0	21.6	21.3
Lithuania	681	48.5	26.7	13.2	48.5	9.2	2.0	0.5	45.6	51.1
Malta	521	32.6	32.8	18.1	32.6	14.4	1.9	0.2	23.2	41.4
Morocco	936	26.8	22.2	30.3	26.8	20.7	0.0	0.0	24.5	28.7
Netherlands	471	53.1	30.2	9.3	53.1	4.7	2.2	0.6	50.9	55.2
New Zealand	799	50.0	27.0	9.4	50.0	10.7	1.2	1.7	45.3	54.5
Northern Ireland	503	42.2	32.8	13.1	42.2	9.9	1.6	0.4	34.2	49.0
Norway	455	42.3	31.7	11.1	42.3	11.3	2.9	0.7	40.6	44.6
Oman	1476	21.7	33.1	23.5	21.7	16.2	3.4	2.1	21.0	22.4
Poland	716	44.9	21.0	16.8	44.9	12.1	2.6	2.5	44.2	45.6
Portugal	574	38.3	34.9	14.3	38.3	10.2	1.4	0.8	32.5	43.5
Qatar	586	33.3	26.4	23.0	33.3	14.4	1.4	1.5	36.3	30.7
Romania	674	33.8	33.6	20.6	33.8	8.5	2.0	1.5	28.1	39.3
Russian Federation	645	40.8	28.2	7.3	40.8	22.9	0.6	0.2	35.7	45.8
Saudi Arabia	654	21.3	36.1	27.9	21.3	12.5	1.0	1.2	22.6	19.8
Serbia	622	29.1	31.8	24.8	29.1	9.4	2.4	2.4	29.4	28.9
Singapore	909	49.6	27.6	13.2	49.6	8.8	0.6	0.1	44.5	54.3
Slovak Republic	805	27.7	41.1	15.8	27.7	12.8	1.6	1.0	28.0	27.5
Slovenia	627	33.5	38.3	17.5	33.5	9.1	0.9	0.7	28.3	37.9
Spain	602	44.2	28.7	14.3	44.2	10.2	1.6	0.9	40.8	47.5
Sweden	677	65.1	23.9	5.1	65.1	4.0	0.8	1.1	66.4	63.8
Thailand	638	28.5	34.9	18.4	28.5	16.4	1.4	0.3	28.9	28.1
Tunisia	672	24.0	24.2	20.8	24.0	16.4	7.7	6.9	25.7	22.7
Turkey	1073	21.0	37.2	23.6	21.0	16.0	1.0	1.1	17.0	24.4
United Arab Emirates	2105	31.4	34.0	20.9	31.4	10.3	2.1	1.3	31.4	31.4
United States	1797	61.0	18.9	8.4	61.0	8.5	1.8	1.4	58.1	63.6
Yemen	1164	22.5	20.6	28.4	22.5	17.9	7.9	2.7	19.4	24.7
International Avg. (50)	37128	39.2	30.1	15.4	39.2	11.4	2.4	1.5	36.6	41.6
Botswana (6)	597	25.4	29.9	24.4	25.4	19.5	0.8	0.0	18.5	32.3
Honduras (6)	560	28.3	36.9	15.4	28.3	15.8	1.3	2.2	22.0	33.9
Yemen (6)	698	19.7	29.0	25.2	19.7	19.5	4.0	2.5	17.4	21.6
Alberta, Canada	516	59.6	17.8	8.4	59.6	11.9	1.8	0.4	59.5	59.8
Ontario, Canada	645	54.5	21.5	9.2	54.5	11.3	0.6	2.9	49.9	59.0
Quebec, Canada	599	46.4	35.2	7.1	46.4	8.6	1.2	1.6	41.4	51.2
Abu Dhabi, UAE	602	31.0	32.8	23.5	31.0	9.3	1.8	1.6	31.5	30.6
Dubai, UAE	870	34.7	31.6	18.4	34.7	11.8	2.2	1.2	35.4	34.1
Florida, US	393	60.3	22.0	9.4	60.3	5.5	1.1	1.6	54.4	65.7
North Carolina, US	257	58.0	22.9	9.2	58.0	8.9	0.7	0.5	58.3	57.6

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S09_01 (S041009): Life Science / Knowing
Label: Organ digestion takes place - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	88.0	3.0	3.8	2.1	88.0	2.0	1.2	88.9	87.0
Australia	877	67.1	12.5	9.3	10.1	67.1	1.1	0.0	69.1	65.1
Austria	672	94.9	2.9	1.4	0.1	94.9	0.7	0.0	94.6	95.1
Azerbaijan	695	86.2	5.9	3.1	1.4	86.2	3.3	0.1	86.1	86.3
Bahrain	586	68.9	11.4	7.8	9.0	68.9	1.9	1.0	77.8	60.6
Belgium (Flemish)	689	73.4	10.3	3.7	12.0	73.4	0.7	0.0	75.3	71.7
Chile	789	71.4	6.5	4.0	14.4	71.4	2.8	0.8	70.4	72.4
Chinese Taipei	614	95.5	1.6	1.7	1.2	95.5	0.0	0.0	96.3	94.9
Croatia	659	81.8	3.3	1.5	13.2	81.8	0.3	0.0	81.1	82.4
Czech Republic	647	96.6	1.2	0.8	1.0	96.6	0.4	0.0	96.4	96.8
Denmark	580	75.5	5.9	4.5	10.4	75.5	2.9	0.9	71.5	79.6
England	481	72.3	9.7	7.3	9.8	72.3	0.9	0.0	70.3	74.1
Finland	664	93.7	1.2	0.1	3.4	93.7	1.5	0.0	96.2	91.7
Georgia	690	93.8	0.7	2.6	1.4	93.8	0.9	0.5	96.6	91.6
Germany	569	95.6	1.9	0.9	1.1	95.6	0.3	0.2	95.2	96.1
Hong Kong SAR	561	95.5	1.2	0.8	2.4	95.5	0.1	0.0	96.4	94.6
Hungary	740	93.4	2.7	0.7	2.7	93.4	0.3	0.1	92.1	94.6
Iran, Islamic Rep. of	824	37.8	29.6	19.7	9.1	37.8	3.0	0.8	36.9	38.6
Ireland	645	66.4	10.0	6.5	16.2	66.4	0.9	0.0	59.2	73.1
Italy	601	95.0	1.8	0.6	1.1	95.0	1.5	0.0	94.3	95.7
Japan	634	87.3	6.2	3.0	3.1	87.3	0.4	0.0	86.9	87.8
Kazakhstan	627	94.2	2.5	0.5	1.6	94.2	0.3	0.9	94.6	93.7
Korea, Rep. of	619	79.9	10.4	3.2	6.3	79.9	0.2	0.0	80.8	79.1
Kuwait	585	64.5	10.6	11.5	9.3	64.5	3.5	0.5	70.6	57.3
Lithuania	693	88.9	5.4	2.2	2.9	88.9	0.4	0.2	89.7	88.2
Malta	518	39.6	19.3	22.8	15.9	39.6	2.3	0.0	36.0	43.1
Morocco	1002	54.4	12.4	21.3	11.9	54.4	0.0	0.0	57.3	51.7
Netherlands	467	75.3	8.1	0.9	14.6	75.3	0.9	0.2	73.9	76.6
New Zealand	804	62.8	10.9	10.1	14.7	62.8	0.9	0.5	64.6	61.2
Northern Ireland	500	73.5	9.8	6.0	10.2	73.5	0.6	0.0	72.8	74.1
Norway	445	56.5	15.0	10.4	15.6	56.5	2.2	0.3	52.1	62.3
Oman	1479	66.8	10.6	8.2	11.6	66.8	2.2	0.6	68.3	65.5
Poland	718	93.9	1.3	1.4	2.2	93.9	0.8	0.4	94.7	93.1
Portugal	581	94.0	1.2	2.8	1.5	94.0	0.5	0.0	93.4	94.6
Qatar	595	58.7	10.8	17.4	10.5	58.7	2.4	0.2	58.6	58.8
Romania	658	84.8	3.9	4.3	4.0	84.8	2.5	0.4	85.6	84.1
Russian Federation	644	98.7	0.2	0.3	0.6	98.7	0.2	0.0	99.1	98.4
Saudi Arabia	653	73.3	9.8	7.8	7.2	73.3	1.9	0.0	81.1	65.3
Serbia	620	83.7	7.0	4.0	3.9	83.7	1.2	0.1	87.9	80.4
Singapore	906	91.9	4.3	0.9	2.9	91.9	0.0	0.0	90.7	92.9
Slovak Republic	803	95.9	1.0	0.9	1.3	95.9	0.3	0.5	95.7	96.1
Slovenia	637	93.8	1.8	1.7	2.1	93.8	0.5	0.1	95.8	92.2
Spain	608	90.3	3.7	1.8	3.2	90.3	0.8	0.2	93.7	87.0
Sweden	686	76.4	4.4	2.5	15.1	76.4	1.2	0.4	77.6	75.0
Thailand	629	91.1	2.4	2.8	2.4	91.1	1.3	0.0	92.9	89.4
Tunisia	681	61.6	9.1	7.9	12.4	61.6	6.0	3.1	68.1	56.4
Turkey	1075	59.9	16.2	8.4	14.9	59.9	0.6	0.0	56.6	62.6
United Arab Emirates	2102	63.3	10.7	15.0	9.4	63.3	1.5	0.2	65.1	61.6
United States	1785	71.3	10.9	5.6	10.9	71.3	1.0	0.2	67.1	75.1
Yemen	1138	39.2	15.5	22.1	16.3	39.2	5.9	0.9	41.6	37.4
International Avg. (50)	37197	78.2	7.2	5.8	7.2	78.2	1.4	0.3	78.8	77.7
Botswana (6)	594	71.5	9.6	8.3	10.0	71.5	0.4	0.1	75.9	67.3
Honduras (6)	554	76.5	8.4	7.4	6.8	76.5	0.5	0.3	76.0	77.0
Yemen (6)	700	72.4	8.0	9.6	6.9	72.4	2.6	0.6	75.6	69.9
Alberta, Canada	518	69.8	9.5	8.5	10.2	69.8	2.0	0.0	71.9	67.7
Ontario, Canada	639	68.6	10.7	6.4	12.5	68.6	1.4	0.5	64.7	72.5
Quebec, Canada	615	83.5	4.4	4.8	6.6	83.5	0.8	0.0	84.8	82.2
Abu Dhabi, UAE	603	62.7	10.6	14.7	10.3	62.7	1.7	0.0	68.5	57.0
Dubai, UAE	870	66.9	9.6	12.3	9.3	66.9	1.7	0.1	63.6	69.6
Florida, US	391	76.5	10.2	4.8	8.0	76.5	0.2	0.2	75.5	77.4
North Carolina, US	257	76.7	7.0	6.6	8.6	76.7	0.7	0.3	72.6	81.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S09_02 (S041223): Life Science / Knowing
Label: Function of part X of a plant - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	58.7	9.0	7.4	58.7	19.0	4.5	1.4	60.1	57.4
Australia	877	59.5	11.7	6.0	59.5	20.0	2.5	0.2	60.1	58.8
Austria	672	65.8	12.2	5.5	65.8	13.0	3.5	0.0	65.9	65.7
Azerbaijan	695	58.2	10.4	7.9	58.2	17.2	5.7	0.6	56.9	59.3
Bahrain	586	50.1	25.2	8.6	50.1	14.1	0.9	1.0	50.0	50.2
Belgium (Flemish)	689	61.1	12.8	6.8	61.1	18.3	1.0	0.0	61.4	60.8
Chile	789	53.8	19.5	10.6	53.8	13.1	2.1	0.8	51.8	55.8
Chinese Taipei	614	71.5	11.4	7.3	71.5	9.8	0.0	0.0	71.4	71.5
Croatia	659	50.9	26.1	13.3	50.9	7.9	1.8	0.0	50.8	51.0
Czech Republic	647	69.2	17.0	5.7	69.2	6.4	1.8	0.0	67.5	70.8
Denmark	580	69.1	9.8	4.0	69.1	12.9	3.3	0.9	68.0	70.3
England	481	57.4	14.6	12.8	57.4	14.2	0.8	0.2	57.3	57.5
Finland	664	67.0	16.1	6.5	67.0	9.4	1.0	0.0	71.0	63.7
Georgia	690	57.2	8.8	8.6	57.2	22.3	2.6	0.5	60.1	54.8
Germany	569	67.7	10.9	6.0	67.7	12.4	2.8	0.2	66.0	69.3
Hong Kong SAR	561	57.7	20.0	8.8	57.7	13.2	0.3	0.0	57.2	58.1
Hungary	740	74.2	11.4	8.4	74.2	4.7	1.2	0.1	72.8	75.5
Iran, Islamic Rep. of	824	39.0	29.9	12.4	39.0	15.8	2.0	0.8	41.4	36.6
Ireland	645	46.5	16.1	13.8	46.5	22.2	1.3	0.0	43.6	49.2
Italy	601	58.2	18.0	6.4	58.2	15.9	1.5	0.0	61.4	55.0
Japan	634	74.5	16.2	5.0	74.5	4.1	0.3	0.0	75.3	73.6
Kazakhstan	627	59.0	15.8	6.8	59.0	16.2	1.2	0.9	57.3	60.8
Korea, Rep. of	619	78.5	14.2	2.9	78.5	4.3	0.1	0.0	81.6	75.8
Kuwait	584	35.8	19.5	17.5	35.8	21.7	5.0	0.5	37.8	33.3
Lithuania	693	57.6	17.3	12.0	57.6	10.8	2.2	0.2	57.0	58.1
Malta	518	56.6	16.2	6.9	56.6	19.0	1.3	0.0	55.7	57.5
Morocco	991	39.2	13.9	16.7	39.2	30.3	0.0	0.0	41.4	37.1
Netherlands	467	70.2	9.1	5.1	70.2	14.3	1.1	0.2	68.2	72.1
New Zealand	804	51.6	13.2	6.6	51.6	26.4	1.6	0.6	53.5	49.8
Northern Ireland	500	50.4	13.9	10.1	50.4	24.5	1.1	0.0	49.7	51.0
Norway	445	75.1	6.8	4.9	75.1	11.1	1.7	0.3	78.5	70.5
Oman	1479	42.8	26.5	10.2	42.8	16.8	2.8	0.9	45.6	40.3
Poland	718	64.3	15.4	6.9	64.3	11.4	1.6	0.4	65.5	63.3
Portugal	581	55.8	24.3	6.4	55.8	12.6	0.9	0.0	51.9	60.1
Qatar	595	43.8	24.0	15.8	43.8	14.8	1.3	0.3	45.1	42.7
Romania	659	72.0	10.0	5.1	72.0	9.9	2.6	0.4	71.9	72.1
Russian Federation	644	76.7	9.3	7.2	76.7	6.1	0.7	0.0	75.9	77.5
Saudi Arabia	653	35.7	24.4	14.5	35.7	22.9	2.4	0.0	33.7	37.8
Serbia	620	62.1	15.4	8.5	62.1	10.6	3.1	0.3	65.8	59.1
Singapore	906	77.9	15.3	2.5	77.9	4.2	0.1	0.0	79.6	76.3
Slovak Republic	803	63.7	16.5	9.1	63.7	9.0	1.2	0.5	62.5	64.8
Slovenia	637	68.6	14.8	6.3	68.6	8.4	1.5	0.4	66.7	70.2
Spain	588	49.1	30.3	10.6	49.1	8.0	1.7	0.2	46.2	51.8
Sweden	686	57.8	12.4	7.4	57.8	20.3	1.7	0.4	59.0	56.4
Thailand	629	64.9	12.9	11.2	64.9	9.3	1.3	0.4	62.0	67.9
Tunisia	676	43.0	15.9	10.9	43.0	18.7	8.0	3.6	42.0	43.7
Turkey	1075	43.3	31.4	12.4	43.3	12.3	0.6	0.0	41.2	45.1
United Arab Emirates	2102	47.1	22.2	12.1	47.1	16.8	1.5	0.3	46.9	47.3
United States	1785	63.2	15.9	8.2	63.2	11.6	0.9	0.2	59.9	66.1
Yemen	1138	35.4	13.6	17.0	35.4	26.6	6.6	0.9	36.5	34.5
International Avg. (50)	37161	58.2	16.4	8.9	58.2	14.3	1.9	0.4	58.2	58.2
Botswana (6)	594	50.3	30.4	10.0	50.3	8.6	0.5	0.1	48.0	52.6
Honduras (6)	554	71.0	10.3	5.7	71.0	11.4	1.3	0.3	75.8	66.2
Yemen (6)	700	41.3	18.4	12.1	41.3	24.6	3.0	0.6	39.1	42.9
Alberta, Canada	518	68.6	11.7	6.1	68.6	11.4	1.8	0.3	66.8	70.4
Ontario, Canada	639	59.8	16.9	8.0	59.8	13.2	1.3	0.7	59.0	60.7
Quebec, Canada	615	52.8	17.7	4.8	52.8	23.3	1.3	0.0	59.7	46.6
Abu Dhabi, UAE	603	45.2	22.5	11.5	45.2	18.9	1.9	0.0	46.0	44.4
Dubai, UAE	870	54.1	19.4	10.6	54.1	14.1	1.7	0.1	51.4	56.3
Florida, US	391	61.0	14.5	13.5	61.0	10.8	0.0	0.2	62.2	59.9
North Carolina, US	257	54.6	20.3	10.1	54.6	13.5	0.8	0.6	51.2	58.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S09_03 (S041026): Life Science / Knowing

Label: Body covering protects a reptile - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	18.1	3.2	53.1	19.7	18.1	4.3	1.5	17.3	19.0
Australia	877	74.9	2.4	14.9	6.4	74.9	1.1	0.3	77.1	72.9
Austria	672	55.3	2.0	24.3	15.7	55.3	2.7	0.0	51.9	58.8
Azerbaijan	695	35.9	3.8	50.7	5.9	35.9	2.9	0.8	36.5	35.5
Bahrain	586	40.6	8.3	40.4	8.8	40.6	0.9	1.0	41.2	40.0
Belgium (Flemish)	689	57.4	7.9	23.6	9.9	57.4	1.3	0.0	53.9	60.5
Chile	789	67.0	3.7	15.2	11.4	67.0	1.9	0.8	64.5	69.4
Chinese Taipei	614	29.1	4.0	33.4	33.2	29.1	0.4	0.0	26.8	31.0
Croatia	659	33.3	7.0	37.9	18.7	33.3	3.0	0.0	29.5	37.1
Czech Republic	647	47.3	1.0	46.7	4.7	47.3	0.3	0.0	41.0	53.3
Denmark	580	66.5	4.0	14.4	11.0	66.5	3.2	0.9	67.7	65.1
England	481	72.4	2.1	17.1	7.2	72.4	1.0	0.2	70.9	73.7
Finland	664	55.7	4.4	27.1	11.5	55.7	1.0	0.2	55.1	56.2
Georgia	689	38.6	3.0	37.9	18.8	38.6	1.0	0.7	42.4	35.4
Germany	569	58.7	1.5	22.2	15.7	58.7	1.5	0.5	55.4	61.8
Hong Kong SAR	561	36.7	7.9	28.8	26.1	36.7	0.5	0.0	31.3	41.6
Hungary	740	59.5	7.3	27.8	3.7	59.5	1.5	0.2	61.6	57.7
Iran, Islamic Rep. of	824	35.6	10.5	41.3	10.0	35.6	1.8	0.8	30.9	40.1
Ireland	645	62.0	4.1	18.6	14.1	62.0	1.0	0.2	58.5	65.2
Italy	601	52.2	8.3	29.2	9.4	52.2	0.9	0.0	45.7	59.0
Japan	634	21.6	21.9	39.2	16.6	21.6	0.8	0.0	18.4	24.8
Kazakhstan	627	52.8	1.8	28.8	13.0	52.8	2.6	0.9	52.8	52.8
Korea, Rep. of	619	45.7	12.4	25.5	16.4	45.7	0.0	0.0	39.0	51.4
Kuwait	587	24.3	15.4	41.1	13.8	24.3	4.8	0.5	26.1	22.2
Lithuania	693	37.3	2.4	51.1	8.5	37.3	0.5	0.2	32.9	41.1
Malta	518	42.8	5.4	33.0	17.8	42.8	1.0	0.0	42.7	43.0
Morocco	982	29.2	13.3	41.0	16.5	29.2	0.0	0.0	31.4	27.2
Netherlands	467	64.0	3.4	28.1	3.3	64.0	0.9	0.2	60.0	67.9
New Zealand	804	64.6	3.4	20.1	10.1	64.6	1.0	0.7	59.9	68.9
Northern Ireland	500	71.4	2.9	17.7	7.6	71.4	0.1	0.2	73.0	70.0
Norway	445	53.6	11.1	21.1	11.2	53.6	2.6	0.3	50.8	57.3
Oman	1479	38.5	11.6	33.6	13.2	38.5	2.3	0.9	39.0	38.1
Poland	718	40.0	4.8	40.4	12.5	40.0	1.9	0.4	38.9	41.0
Portugal	581	65.6	1.7	21.0	10.5	65.6	1.1	0.0	58.1	73.7
Qatar	595	38.2	9.6	34.2	16.8	38.2	0.9	0.3	36.5	39.5
Romania	660	51.0	3.1	38.5	5.4	51.0	1.7	0.4	50.6	51.3
Russian Federation	644	59.4	2.1	29.3	7.5	59.4	1.6	0.0	57.9	61.0
Saudi Arabia	653	38.3	12.1	37.8	8.6	38.3	3.1	0.1	44.4	32.1
Serbia	620	30.7	6.7	51.1	9.6	30.7	1.6	0.4	34.5	27.6
Singapore	906	76.0	3.9	15.7	4.3	76.0	0.1	0.0	75.7	76.3
Slovak Republic	803	41.6	6.3	48.7	2.3	41.6	0.6	0.5	34.5	48.4
Slovenia	636	46.6	12.9	38.5	0.7	46.6	0.9	0.4	45.3	47.7
Spain	608	68.8	4.8	18.5	6.2	68.8	1.2	0.5	66.3	71.1
Sweden	686	37.2	3.8	40.0	17.0	37.2	1.6	0.4	38.1	36.2
Thailand	629	47.6	5.7	32.5	12.8	47.6	1.0	0.4	47.3	47.8
Tunisia	680	21.5	5.7	47.4	15.6	21.5	5.9	4.0	19.0	23.5
Turkey	1075	9.9	18.9	61.3	9.7	9.9	0.2	0.0	9.3	10.3
United Arab Emirates	2102	41.1	9.6	35.3	12.1	41.1	1.6	0.3	39.7	42.5
United States	1785	78.8	2.2	14.1	4.0	78.8	0.7	0.2	78.7	78.8
Yemen	1138	21.1	16.4	39.0	14.6	21.1	7.6	1.2	22.0	20.5
International Avg. (50)	37178	47.1	6.6	32.6	11.6	47.1	1.6	0.4	45.6	48.5
Botswana (6)	594	35.6	12.3	42.2	9.4	35.6	0.2	0.1	35.9	35.4
Honduras (6)	554	61.1	11.6	20.7	5.4	61.1	0.8	0.3	59.2	63.1
Yemen (6)	700	31.1	12.4	41.7	10.6	31.1	3.6	0.6	33.4	29.3
Alberta, Canada	518	78.8	1.5	12.6	5.0	78.8	1.6	0.4	75.0	82.4
Ontario, Canada	639	76.3	2.1	12.4	7.6	76.3	0.9	0.7	76.4	76.2
Quebec, Canada	615	78.2	3.1	10.9	7.0	78.2	0.7	0.0	80.0	76.6
Abu Dhabi, UAE	603	37.3	9.9	38.4	12.7	37.3	1.8	0.0	37.5	37.0
Dubai, UAE	870	51.7	7.0	28.7	11.3	51.7	1.2	0.2	48.9	53.9
Florida, US	391	74.0	1.3	20.2	4.4	74.0	0.0	0.2	73.8	74.2
North Carolina, US	257	74.5	1.4	19.3	3.4	74.5	0.8	0.6	72.8	76.4

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S09_04 (S041177): Life Science / Applying
Label: Living things make their own food - Points: 2

COUNTRY	N	20 %	10 %	11 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	3.7	10.0	4.7	12.9	52.3	14.7	1.6	18.5	3.7	2.7	4.8
Australia	877	17.8	18.5	9.4	12.4	40.3	1.2	0.5	45.6	17.8	19.3	16.4
Austria	672	10.1	16.6	13.8	8.0	46.2	5.2	0.0	40.5	10.1	7.9	12.3
Azerbaijan	695	7.2	17.6	8.2	19.9	31.9	14.2	0.9	33.1	7.2	6.3	7.9
Bahrain	586	22.3	20.2	6.9	8.4	39.0	2.1	1.0	49.4	22.3	23.2	21.5
Belgium (Flemish)	689	10.0	19.5	10.6	3.9	54.8	1.2	0.0	40.2	10.0	12.0	8.2
Chile	789	17.1	15.9	9.6	11.2	42.2	2.9	1.2	42.5	17.1	15.0	19.1
Chinese Taipei	614	17.6	24.8	10.2	3.7	43.5	0.1	0.0	52.7	17.6	17.6	17.6
Croatia	659	14.2	19.6	7.1	7.6	46.4	5.0	0.2	40.9	14.2	16.3	12.0
Czech Republic	647	19.0	22.1	9.8	3.2	43.8	2.1	0.0	51.0	19.0	19.0	19.1
Denmark	580	10.1	16.8	11.2	11.2	44.4	5.4	0.9	38.2	10.1	11.3	8.8
England	481	15.3	22.7	13.2	9.1	38.7	0.8	0.2	51.2	15.3	14.7	15.8
Finland	664	19.8	21.8	8.9	4.6	43.3	1.4	0.2	50.4	19.8	22.1	17.8
Georgia	689	5.8	8.5	8.7	14.4	53.4	8.3	0.8	23.0	5.8	5.4	6.1
Germany	569	6.8	14.5	13.4	9.8	50.7	4.4	0.5	34.7	6.8	7.9	5.7
Hong Kong SAR	561	17.1	27.3	15.0	2.4	37.7	0.5	0.0	59.4	17.1	15.8	18.2
Hungary	738	12.0	12.0	8.5	4.2	59.4	3.6	0.4	32.4	12.0	11.8	12.1
Iran, Islamic Rep. of	824	5.1	10.9	14.4	33.0	32.4	3.2	0.9	30.4	5.1	6.8	3.5
Ireland	645	11.1	16.5	14.1	6.9	49.8	1.3	0.2	41.8	11.1	12.7	9.7
Italy	601	19.8	16.2	15.2	11.4	33.9	3.6	0.0	51.2	19.8	18.6	21.0
Japan	634	11.2	18.8	12.4	3.3	53.6	0.6	0.0	42.5	11.2	10.3	12.2
Kazakhstan	625	26.9	19.9	6.9	13.5	30.4	1.1	1.2	53.8	26.9	28.4	25.5
Korea, Rep. of	619	5.9	13.9	16.4	21.3	42.4	0.1	0.0	36.2	5.9	5.3	6.5
Kuwait	587	11.7	12.7	5.4	15.6	49.3	4.1	1.0	29.9	11.7	17.0	5.6
Lithuania	693	7.2	21.9	12.1	21.4	35.3	1.8	0.2	41.2	7.2	9.0	5.7
Malta	518	8.4	20.8	13.7	9.9	46.5	0.8	0.0	42.9	8.4	5.4	11.3
Morocco	1121	0.4	10.0	9.6	9.7	59.0	10.2	1.2	19.9	0.4	0.4	0.3
Netherlands	467	10.6	22.1	14.5	3.0	48.7	0.9	0.2	47.2	10.6	12.8	8.5
New Zealand	804	12.2	20.4	12.0	7.9	45.1	1.7	0.7	44.6	12.2	10.5	13.8
Northern Ireland	500	15.4	19.9	14.6	6.0	43.5	0.5	0.2	49.9	15.4	15.2	15.5
Norway	445	6.8	14.5	11.1	6.8	54.7	5.8	0.3	32.4	6.8	6.2	7.7
Oman	1479	21.4	14.5	6.3	6.9	46.4	3.5	1.0	42.2	21.4	22.7	20.1
Poland	718	13.8	15.4	12.7	7.3	45.0	5.3	0.4	42.0	13.8	13.1	14.4
Portugal	581	8.1	16.6	19.8	8.4	44.1	2.8	0.2	44.6	8.1	9.9	6.1
Qatar	595	9.4	15.1	9.1	12.6	51.5	2.1	0.3	33.5	9.4	7.3	11.1
Romania	659	10.6	13.3	10.0	8.5	54.2	3.0	0.4	33.9	10.6	12.9	8.6
Russian Federation	644	5.0	34.7	12.9	6.6	40.1	0.7	0.0	52.5	5.0	4.0	5.9
Saudi Arabia	656	12.9	21.2	19.7	20.4	21.5	4.1	0.1	53.9	12.9	14.7	11.2
Serbia	620	25.2	21.1	6.2	3.1	41.6	2.3	0.4	52.5	25.2	26.0	24.5
Singapore	906	48.9	23.5	10.3	3.6	13.7	0.1	0.0	82.7	48.9	46.1	51.5
Slovak Republic	803	11.3	23.1	8.3	8.4	45.6	2.8	0.5	42.7	11.3	12.4	10.3
Slovenia	637	16.3	17.1	9.8	9.7	43.1	3.5	0.4	43.3	16.3	18.1	14.8
Spain	608	19.7	25.2	11.5	9.4	30.3	3.4	0.5	56.4	19.7	17.0	22.2
Sweden	686	4.0	19.6	11.1	8.4	52.9	3.1	0.8	34.7	4.0	4.9	3.0
Thailand	629	9.9	13.8	15.9	23.2	34.1	2.4	0.7	39.5	9.9	9.5	10.3
Tunisia	692	2.7	10.7	15.5	9.0	52.4	5.3	4.4	28.8	2.7	3.0	2.5
Turkey	1075	16.5	20.7	10.4	6.3	44.5	1.6	0.0	47.6	16.5	17.3	15.8
United Arab Emirates	2102	16.1	17.0	8.7	9.6	45.6	2.5	0.5	41.9	16.1	15.3	16.9
United States	1785	41.7	23.6	6.9	4.5	22.5	0.6	0.3	72.1	41.7	41.6	41.8
Yemen	1138	1.1	10.5	4.9	14.8	56.9	10.1	1.7	16.5	1.1	1.2	1.1
International Avg. (50)	37328	13.5	18.1	11.0	9.9	43.6	3.4	0.5	42.6	13.5	13.7	13.2
Botswana (6)	594	9.1	24.3	12.5	21.8	31.1	1.1	0.1	45.8	9.1	10.9	7.3
Honduras (6)	554	3.3	11.4	10.4	26.1	44.5	3.5	0.9	25.1	3.3	3.3	3.3
Yemen (6)	700	3.8	12.8	7.8	11.8	57.5	5.5	0.9	24.4	3.8	3.1	4.4
Alberta, Canada	518	22.9	24.0	14.4	9.0	27.1	2.1	0.4	61.3	22.9	23.9	22.1
Ontario, Canada	639	28.0	22.1	9.3	5.3	32.8	1.9	0.7	59.4	28.0	28.5	27.6
Quebec, Canada	614	17.9	19.7	8.6	6.0	45.7	2.1	0.0	46.1	17.9	18.5	17.4
Abu Dhabi, UAE	603	14.1	15.4	7.0	9.9	50.3	3.1	0.2	36.5	14.1	13.0	15.2
Dubai, UAE	870	18.3	22.4	9.9	8.0	39.7	1.5	0.2	50.6	18.3	16.2	19.9
Florida, US	391	41.4	21.3	5.7	5.2	24.9	1.3	0.2	68.4	41.4	43.7	39.3
North Carolina, US	257	36.5	20.9	9.3	3.4	28.7	0.4	0.6	66.8	36.5	36.9	36.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_05 (S041183): Life Science / Applying
Label: Maintaining good physical health -- Points: 2

COUNTRY	N	20 %	29 %	10 %	19 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	5.1	0.5	22.9	11.9	12.5	44.4	2.6	40.5	5.6	5.5	5.8
Australia	877	8.8	3.1	57.3	5.5	14.5	10.1	0.7	74.7	11.9	11.3	12.4
Austria	672	10.1	4.0	59.5	10.8	6.7	9.0	0.0	84.3	14.1	15.7	12.5
Azerbaijan	695	5.3	0.0	60.1	1.2	4.3	27.9	1.2	66.6	5.3	4.8	5.7
Bahrain	586	10.9	0.4	37.5	5.0	25.0	19.3	1.9	53.8	11.3	13.0	9.8
Belgium (Flemish)	689	21.1	1.0	63.8	2.9	7.7	3.4	0.1	88.8	22.0	22.5	21.6
Chile	789	14.2	1.5	63.6	1.3	8.5	9.5	1.4	80.6	15.7	18.0	13.4
Chinese Taipei	614	38.5	6.2	37.9	8.6	3.2	5.6	0.0	91.2	44.7	49.4	40.6
Croatia	659	11.4	1.5	69.9	6.7	2.6	7.6	0.2	89.5	12.8	16.6	9.1
Czech Republic	647	21.8	0.6	40.1	4.7	16.4	16.5	0.0	67.1	22.4	20.7	23.9
Denmark	580	13.7	0.3	68.2	0.0	8.4	8.4	1.0	82.2	14.0	14.5	13.6
England	481	15.3	7.4	41.6	5.1	17.3	12.8	0.4	69.5	22.7	24.1	21.5
Finland	664	16.4	10.3	41.5	8.1	12.9	10.5	0.2	76.3	26.7	33.1	21.3
Georgia	689	17.6	2.7	35.1	10.2	15.2	18.4	0.8	65.6	20.3	20.3	20.3
Germany	569	8.1	5.3	48.5	17.6	13.6	6.4	0.5	79.5	13.4	14.7	12.2
Hong Kong SAR	561	24.5	4.0	43.6	9.3	12.5	6.1	0.0	81.4	28.6	29.5	27.8
Hungary	740	32.0	4.1	39.0	2.5	12.8	9.0	0.5	77.7	36.2	37.7	34.8
Iran, Islamic Rep. of	824	6.3	4.0	41.4	11.4	20.0	15.7	1.1	63.1	10.3	12.0	8.7
Ireland	645	10.2	5.7	52.1	8.5	12.1	11.2	0.2	76.5	15.9	16.7	15.1
Italy	601	11.3	0.7	52.1	4.0	21.8	10.1	0.0	68.2	12.0	12.3	11.7
Japan	634	14.9	7.4	56.6	11.5	6.2	3.4	0.0	90.4	22.3	21.0	23.7
Kazakhstan	625	29.8	3.7	36.6	12.4	8.5	7.7	1.2	82.6	33.5	32.4	34.6
Korea, Rep. of	619	41.8	5.1	46.8	2.8	2.9	0.7	0.0	96.5	46.9	51.4	43.0
Kuwait	587	5.7	0.0	19.8	1.7	31.7	39.8	1.2	27.3	5.7	7.8	3.3
Lithuania	693	15.9	0.2	63.4	2.8	10.5	7.0	0.2	82.3	16.2	17.5	15.0
Malta	518	9.5	0.4	42.4	3.7	18.8	25.2	0.0	56.0	9.9	10.8	9.1
Morocco	1121	0.8	0.1	5.9	2.2	39.4	47.5	4.1	8.9	0.8	1.1	0.6
Netherlands	467	20.8	4.4	52.9	1.7	16.0	3.9	0.2	79.8	25.2	24.1	26.3
New Zealand	804	12.8	3.8	45.0	3.3	27.9	6.5	0.7	64.8	16.5	16.5	16.6
Northern Ireland	500	14.7	3.4	45.9	8.5	15.8	11.5	0.2	72.5	18.1	16.3	19.7
Norway	445	7.3	1.5	66.3	4.3	12.3	8.0	0.3	79.4	8.8	11.3	5.5
Oman	1479	6.0	0.0	20.8	10.7	27.9	33.4	1.3	37.5	6.1	7.9	4.4
Poland	718	17.6	3.3	48.6	17.6	5.9	6.0	1.0	87.1	20.9	21.7	20.1
Portugal	581	10.1	0.5	76.9	1.8	4.4	6.1	0.3	89.2	10.6	9.5	11.8
Qatar	594	10.7	0.5	29.0	1.4	34.8	23.3	0.3	41.5	11.2	10.9	11.4
Romania	660	20.1	5.4	35.5	6.9	18.1	13.5	0.5	67.9	25.5	29.0	22.3
Russian Federation	644	14.4	1.2	70.7	4.0	3.5	6.2	0.0	90.3	15.7	18.5	12.8
Saudi Arabia	656	4.1	0.5	50.7	1.5	21.1	21.4	0.6	56.9	4.6	6.1	3.0
Serbia	620	21.7	0.5	60.7	1.8	5.2	9.1	0.8	84.8	22.3	27.6	18.0
Singapore	906	32.0	2.2	53.0	2.5	7.9	2.4	0.0	89.7	34.2	36.7	31.8
Slovak Republic	803	17.7	2.5	44.6	4.0	19.8	10.9	0.5	68.8	20.2	24.8	15.8
Slovenia	637	16.6	1.5	41.2	5.0	13.7	21.7	0.4	64.3	18.0	18.9	17.3
Spain	608	23.2	0.6	51.7	2.8	13.1	8.1	0.5	78.3	23.8	22.2	25.3
Sweden	686	10.5	2.6	49.4	9.2	17.8	9.7	0.8	71.6	13.0	16.0	9.7
Thailand	629	11.9	1.0	51.1	2.0	23.5	9.6	0.9	66.0	12.9	14.8	11.0
Tunisia	692	5.6	0.5	26.9	0.7	40.6	20.9	4.8	33.7	6.1	7.6	5.0
Turkey	1075	7.6	1.8	58.5	10.0	15.0	7.1	0.0	77.9	9.4	11.5	7.6
United Arab Emirates	2102	14.2	0.9	29.7	2.3	27.6	24.9	0.5	47.0	15.0	17.2	12.9
United States	1785	24.7	4.4	45.1	4.4	17.6	3.6	0.3	78.5	29.0	28.2	29.8
Yemen	1138	1.4	0.2	2.4	0.3	36.9	57.1	1.7	4.3	1.6	1.6	1.5
International Avg. (50)	37330	14.9	2.5	46.1	5.6	15.8	14.4	0.7	69.1	17.4	18.7	16.2
Botswana (6)	594	11.4	1.2	15.6	3.3	60.2	8.0	0.1	31.6	12.6	15.0	10.3
Honduras (6)	554	2.9	0.0	43.8	22.1	19.1	11.2	0.9	68.8	2.9	4.0	1.8
Yemen (6)	700	9.9	0.7	8.9	4.5	42.1	33.1	1.0	23.9	10.6	15.1	7.0
Alberta, Canada	518	18.6	2.3	42.1	13.3	15.1	8.1	0.4	76.4	20.9	24.7	17.4
Ontario, Canada	639	25.6	4.1	42.4	8.6	12.4	6.1	0.8	80.7	29.7	30.9	28.5
Quebec, Canada	615	19.6	3.5	60.9	5.6	4.3	6.1	0.0	89.6	23.1	26.0	20.5
Abu Dhabi, UAE	603	13.7	0.2	26.4	2.4	31.9	25.2	0.3	42.6	13.8	18.7	9.1
Dubai, UAE	870	14.2	1.5	37.3	2.1	22.2	22.5	0.2	55.0	15.7	15.8	15.6
Florida, US	391	24.7	3.3	49.1	5.2	13.4	4.2	0.2	82.3	28.0	27.0	28.8
North Carolina, US	257	27.8	3.1	49.0	3.9	12.6	3.1	0.6	83.8	30.8	27.6	34.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_06 (S041008): Life Science / Knowing
Label: Which animal is a mammal - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	32.9	32.9	8.7	34.2	14.7	6.8	2.7	31.5	33.8
Australia	877	47.6	47.6	9.9	25.6	14.5	1.2	1.2	45.6	49.5
Austria	672	47.8	47.8	11.9	19.2	16.7	4.5	0.0	46.5	49.0
Azerbaijan	695	49.7	49.7	5.4	32.9	4.8	5.8	1.3	52.5	47.5
Bahrain	586	33.0	33.0	21.7	27.3	15.5	0.3	2.1	31.1	34.8
Belgium (Flemish)	689	35.9	35.9	13.6	31.2	16.4	2.8	0.1	32.9	38.6
Chile	789	46.6	46.6	12.2	24.4	13.4	2.0	1.5	43.6	49.5
Chinese Taipei	614	55.6	55.6	8.5	29.0	6.2	0.7	0.0	57.0	54.4
Croatia	659	30.1	30.1	7.2	40.3	19.1	3.0	0.2	27.3	32.8
Czech Republic	647	76.2	76.2	2.8	9.8	10.0	1.1	0.0	76.7	75.8
Denmark	580	51.6	51.6	7.6	24.2	11.1	4.0	1.4	52.7	50.4
England	481	41.1	41.1	8.6	30.0	18.7	1.0	0.6	43.2	39.2
Finland	664	64.4	64.4	6.5	13.5	13.8	1.5	0.3	69.0	60.5
Georgia	690	29.7	29.7	4.6	56.7	5.7	2.5	0.8	23.4	34.9
Germany	569	47.9	47.9	12.4	20.6	13.5	5.1	0.5	49.8	46.2
Hong Kong SAR	561	50.9	50.9	9.7	29.7	8.6	1.1	0.0	50.0	51.6
Hungary	740	68.0	68.0	5.4	10.6	11.1	3.9	1.0	66.9	68.9
Iran, Islamic Rep. of	824	36.4	36.4	25.5	21.9	11.8	3.2	1.2	31.4	41.3
Ireland	645	36.3	36.3	13.6	33.9	14.8	1.1	0.2	28.0	43.9
Italy	601	63.8	63.8	6.0	19.3	8.0	2.7	0.2	61.8	66.0
Japan	634	43.4	43.4	14.0	26.8	9.5	6.2	0.0	42.0	45.0
Kazakhstan	627	50.5	50.5	11.1	15.4	19.7	1.7	1.6	44.5	56.5
Korea, Rep. of	619	46.0	46.0	10.9	25.9	16.9	0.3	0.0	44.2	47.5
Kuwait	581	28.6	28.6	25.4	23.4	12.4	8.8	1.4	30.4	26.5
Lithuania	693	47.1	47.1	10.4	20.9	18.3	3.2	0.2	49.2	45.2
Malta	518	33.4	33.4	15.8	33.1	15.9	1.8	0.0	34.1	32.8
Morocco	929	22.1	22.1	33.5	24.9	18.9	0.6	0.0	22.9	21.4
Netherlands	467	40.0	40.0	14.7	30.6	12.8	1.8	0.2	35.9	43.8
New Zealand	804	40.1	40.1	7.6	29.9	19.8	1.6	1.0	36.5	43.4
Northern Ireland	500	38.9	38.9	10.6	32.3	16.9	1.1	0.2	40.7	37.3
Norway	445	33.9	33.9	30.5	16.3	13.8	5.3	0.3	34.5	33.0
Oman	1479	33.4	33.4	20.2	27.0	14.7	2.9	1.7	31.3	35.4
Poland	718	56.1	56.1	6.1	18.5	15.5	2.8	1.0	58.3	54.1
Portugal	581	53.2	53.2	6.3	32.9	6.7	0.3	0.6	50.6	55.9
Qatar	595	33.6	33.6	22.4	24.1	17.3	2.0	0.6	28.5	37.7
Romania	659	36.8	36.8	9.8	35.4	12.3	5.1	0.6	41.1	32.9
Russian Federation	644	48.2	48.2	15.9	10.5	23.7	1.6	0.0	48.2	48.3
Saudi Arabia	652	32.4	32.4	22.4	19.7	23.9	1.0	0.6	33.0	31.8
Serbia	619	38.4	38.4	6.0	34.5	14.4	5.6	1.1	36.8	39.7
Singapore	906	70.6	70.6	2.9	22.8	3.7	0.0	0.0	70.6	70.7
Slovak Republic	803	70.6	70.6	4.3	12.7	10.3	1.8	0.5	73.6	67.7
Slovenia	630	45.4	45.4	5.4	26.1	20.8	1.7	0.6	43.7	46.9
Spain	608	51.5	51.5	10.8	26.4	6.6	4.3	0.5	48.9	54.0
Sweden	686	38.7	38.7	14.3	21.4	20.7	4.0	0.8	42.5	34.5
Thailand	629	64.5	64.5	3.9	24.2	5.7	0.7	1.0	60.1	68.9
Tunisia	668	21.7	21.7	17.9	22.5	19.7	12.1	6.0	22.2	21.4
Turkey	1075	42.1	42.1	12.9	30.5	13.5	0.9	0.1	38.7	45.1
United Arab Emirates	2102	39.8	39.8	19.6	23.2	14.5	2.3	0.6	36.9	42.7
United States	1785	65.1	65.1	6.8	18.9	6.9	2.1	0.3	64.2	65.8
Yemen	1138	17.0	17.0	27.0	27.5	16.7	8.9	2.9	19.7	15.0
International Avg. (50)	37099	44.6	44.6	12.4	25.5	13.8	2.9	0.8	43.7	45.4
Botswana (6)	594	29.5	29.5	26.6	21.4	21.9	0.3	0.3	30.1	29.0
Honduras (6)	554	51.0	51.0	6.7	24.7	14.2	2.3	1.1	45.9	56.0
Yemen (6)	700	23.0	23.0	32.5	22.0	17.4	4.2	1.0	20.5	24.9
Alberta, Canada	518	61.3	61.3	6.9	21.3	8.4	1.1	1.0	61.6	61.1
Ontario, Canada	639	56.7	56.7	10.0	23.1	8.6	0.8	0.8	52.7	60.7
Quebec, Canada	615	48.6	48.6	8.8	28.1	11.9	2.5	0.0	50.9	46.6
Abu Dhabi, UAE	603	42.6	42.6	20.3	20.4	13.3	3.1	0.4	38.5	46.6
Dubai, UAE	870	40.4	40.4	15.2	27.0	15.3	1.6	0.4	35.5	44.4
Florida, US	391	64.7	64.7	6.6	22.9	4.6	1.0	0.4	64.6	64.8
North Carolina, US	257	63.5	63.5	8.8	16.2	8.3	2.6	0.6	60.1	67.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S09_08 (S041195): Physical Science / Applying
Label: Bulb lights in which circuit - Points: 1

COUNTRY	N	10 %	70 %	71 %	72 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	10.4	28.6	21.7	20.8	2.4	12.8	3.4	10.4	8.9	11.5
Australia	877	13.6	21.4	42.0	19.7	0.7	1.2	1.4	13.6	10.9	16.0
Austria	672	25.0	27.2	35.2	10.3	1.2	1.1	0.0	25.0	21.5	28.4
Azerbaijan	695	9.3	40.0	17.6	12.8	1.2	16.9	2.1	9.3	8.2	10.3
Bahrain	586	12.4	27.7	28.8	23.7	3.4	1.7	2.4	12.4	12.6	12.1
Belgium (Flemish)	689	18.1	19.5	47.0	10.4	3.9	0.9	0.1	18.1	18.7	17.5
Chile	789	17.2	16.9	35.8	23.8	2.0	2.3	1.9	17.2	16.2	18.2
Chinese Taipei	614	43.8	27.7	16.2	11.7	0.3	0.3	0.0	43.8	41.4	45.9
Croatia	659	15.1	17.9	27.4	29.1	3.3	6.9	0.4	15.1	14.2	15.9
Czech Republic	647	17.8	30.5	32.5	14.7	1.7	2.7	0.0	17.8	12.3	23.0
Denmark	580	29.9	13.7	28.6	13.0	10.5	2.7	1.6	29.9	29.0	30.9
England	481	23.8	20.3	38.9	14.4	1.3	0.7	0.7	23.8	21.6	25.7
Finland	664	23.4	26.4	35.6	12.6	0.4	1.3	0.3	23.4	22.0	24.6
Georgia	690	4.9	33.1	17.9	24.6	6.0	12.6	0.8	4.9	4.0	5.6
Germany	569	26.5	28.2	35.0	7.9	0.3	1.3	0.8	26.5	26.4	26.6
Hong Kong SAR	561	21.0	27.7	43.5	6.5	0.6	0.7	0.0	21.0	18.6	23.2
Hungary	740	10.2	30.9	31.7	21.9	1.6	2.2	1.5	10.2	9.4	11.0
Iran, Islamic Rep. of	824	21.6	27.5	14.5	30.3	2.2	1.9	2.1	21.6	21.2	21.9
Ireland	645	23.1	15.9	40.2	19.3	0.5	0.7	0.3	23.1	25.0	21.4
Italy	601	11.3	24.9	35.9	20.4	3.2	4.2	0.2	11.3	11.6	11.1
Japan	634	63.9	18.2	8.9	4.5	4.5	0.0	0.0	63.9	65.5	62.3
Kazakhstan	624	17.9	12.3	19.4	21.8	19.7	7.4	1.5	17.9	18.2	17.6
Korea, Rep. of	619	33.8	20.2	39.7	5.3	0.3	0.6	0.0	33.8	33.0	34.5
Kuwait	587	4.4	33.1	27.7	19.6	8.1	5.4	1.6	4.4	7.0	1.5
Lithuania	693	18.9	36.8	30.5	10.6	1.1	2.0	0.2	18.9	16.7	20.9
Malta	518	17.5	26.3	29.4	20.1	4.7	2.0	0.0	17.5	17.9	17.0
Morocco	1121	2.4	13.6	7.5	7.2	27.7	36.8	4.9	2.4	1.3	3.4
Netherlands	467	18.3	23.3	45.0	10.6	2.3	0.4	0.2	18.3	15.6	20.9
New Zealand	804	21.0	26.2	32.0	18.1	0.3	1.1	1.3	21.0	21.0	21.0
Northern Ireland	500	12.2	24.1	43.6	16.2	1.9	1.7	0.2	12.2	10.6	13.6
Norway	445	15.0	21.7	40.5	19.3	0.3	2.7	0.5	15.0	15.5	14.3
Oman	1479	9.9	28.3	18.0	27.6	11.6	2.7	1.9	9.9	11.5	8.4
Poland	718	18.8	18.7	37.6	18.8	1.0	3.8	1.2	18.8	19.1	18.6
Portugal	581	18.2	24.2	35.7	18.5	1.1	1.7	0.7	18.2	17.8	18.6
Qatar	595	13.9	28.2	34.1	18.1	3.9	1.2	0.6	13.9	14.8	13.2
Romania	660	18.1	29.9	22.8	17.0	9.2	1.6	1.4	18.1	14.8	21.3
Russian Federation	644	19.4	35.4	33.3	9.5	0.4	1.8	0.2	19.4	18.0	20.7
Saudi Arabia	656	13.9	26.2	28.4	27.2	2.3	1.4	0.7	13.9	18.8	8.9
Serbia	620	17.3	19.2	29.9	21.3	3.9	6.5	2.0	17.3	17.4	17.3
Singapore	906	39.6	23.8	22.7	13.3	0.6	0.1	0.0	39.6	42.2	37.2
Slovak Republic	803	21.6	32.7	29.2	12.1	1.9	2.0	0.5	21.6	19.8	23.2
Slovenia	637	31.0	23.2	32.8	10.7	1.1	0.6	0.6	31.0	27.4	34.1
Spain	608	13.9	18.8	33.4	20.4	6.2	5.8	1.5	13.9	11.1	16.6
Sweden	686	28.5	21.7	29.5	15.9	0.9	2.6	1.0	28.5	27.0	30.1
Thailand	629	18.9	29.4	20.2	21.0	6.1	2.7	1.7	18.9	17.8	19.9
Tunisia	693	2.1	37.5	14.8	25.2	9.3	4.0	7.1	2.1	2.6	1.6
Turkey	1075	17.0	31.3	28.4	20.0	2.0	1.1	0.2	17.0	18.5	15.8
United Arab Emirates	2102	13.6	28.8	27.4	22.0	5.0	2.4	0.7	13.6	15.4	11.8
United States	1785	29.3	22.0	32.4	13.3	0.8	1.8	0.4	29.3	28.1	30.4
Yemen	1137	1.1	36.3	13.2	28.3	13.3	4.3	3.5	1.1	0.8	1.2
International Avg. (50)	37331	19.0	25.6	29.5	17.2	4.0	3.7	1.1	19.0	18.4	19.5
Botswana (6)	594	11.5	43.6	16.4	15.8	11.4	1.0	0.3	11.5	9.9	13.0
Honduras (6)	554	8.2	27.3	23.4	32.9	3.8	2.9	1.6	8.2	6.1	10.3
Yemen (6)	700	16.4	26.9	13.2	34.9	3.8	3.6	1.1	16.4	15.8	16.9
Alberta, Canada	518	17.8	23.5	42.2	12.6	1.5	1.4	1.0	17.8	15.2	20.3
Ontario, Canada	639	19.1	16.6	42.2	17.5	1.6	1.9	1.2	19.1	17.2	21.0
Quebec, Canada	614	16.4	19.2	40.6	19.5	1.6	1.8	0.9	16.4	13.7	18.8
Abu Dhabi, UAE	603	13.0	31.0	27.7	20.6	4.5	2.8	0.4	13.0	16.7	9.4
Dubai, UAE	870	18.6	26.1	32.9	18.9	1.3	1.7	0.5	18.6	17.2	19.8
Florida, US	391	25.0	19.5	38.6	15.1	0.0	1.3	0.4	25.0	23.9	25.9
North Carolina, US	257	30.5	16.8	31.7	17.5	0.7	1.9	0.9	30.5	27.3	34.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_09A (S041134A): Physical Science / Reasoning
Label: 1 or 2 dissolves the candy fastest - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	26.5	50.1	19.2	4.1	26.5	31.5	21.9
Australia	877	28.6	68.4	1.5	1.4	28.6	30.0	27.3
Austria	672	27.0	70.1	2.8	0.0	27.0	26.7	27.4
Azerbaijan	695	16.7	48.2	31.2	3.9	16.7	16.8	16.5
Bahrain	586	14.7	79.3	3.5	2.5	14.7	14.1	15.3
Belgium (Flemish)	689	15.6	83.4	0.9	0.1	15.6	18.8	12.7
Chile	789	18.9	75.7	2.8	2.6	18.9	19.4	18.5
Chinese Taipei	614	21.7	77.6	0.6	0.0	21.7	22.5	21.1
Croatia	659	34.9	60.1	4.1	1.0	34.9	38.5	31.3
Czech Republic	647	19.9	77.7	2.2	0.2	19.9	17.0	22.7
Denmark	580	33.4	62.0	3.1	1.6	33.4	33.6	33.1
England	481	22.1	74.5	2.7	0.7	22.1	23.4	21.0
Finland	664	19.1	77.5	2.9	0.4	19.1	19.6	18.7
Georgia	690	21.9	60.6	15.7	1.8	21.9	27.1	17.7
Germany	569	24.9	72.7	1.3	1.1	24.9	25.0	24.9
Hong Kong SAR	561	14.0	85.5	0.6	0.0	14.0	16.2	11.9
Hungary	740	17.1	78.5	2.0	2.4	17.1	16.4	17.7
Iran, Islamic Rep. of	824	29.0	62.5	6.4	2.1	29.0	32.2	25.9
Ireland	645	15.9	82.8	1.0	0.3	15.9	15.3	16.5
Italy	601	21.9	75.7	2.2	0.2	21.9	21.7	22.2
Japan	634	75.9	23.1	1.0	0.0	75.9	80.8	70.9
Kazakhstan	625	27.2	56.5	14.4	1.9	27.2	27.8	26.6
Korea, Rep. of	619	38.2	61.0	0.9	0.0	38.2	39.5	37.1
Kuwait	587	7.8	82.7	7.1	2.5	7.8	11.6	3.3
Lithuania	693	13.7	84.2	1.9	0.3	13.7	11.8	15.3
Malta	518	13.4	84.3	2.3	0.0	13.4	13.4	13.5
Morocco	1121	3.2	80.8	10.1	5.9	3.2	3.1	3.2
Netherlands	467	44.9	54.0	0.9	0.2	44.9	48.8	41.3
New Zealand	804	18.3	79.2	1.2	1.3	18.3	21.0	15.8
Northern Ireland	500	18.9	80.1	0.7	0.2	18.9	21.2	16.9
Norway	445	14.5	81.8	3.1	0.5	14.5	12.2	17.5
Oman	1479	4.6	88.6	4.5	2.3	4.6	5.5	3.8
Poland	718	39.5	56.2	3.0	1.2	39.5	41.3	37.9
Portugal	581	28.5	68.4	2.5	0.7	28.5	31.9	24.8
Qatar	595	12.3	82.5	4.7	0.6	12.3	13.8	11.1
Romania	660	40.2	53.7	4.7	1.4	40.2	43.5	37.1
Russian Federation	644	19.4	78.0	2.1	0.5	19.4	21.7	17.1
Saudi Arabia	656	18.6	76.5	4.2	0.7	18.6	24.4	12.6
Serbia	620	40.3	53.1	4.5	2.0	40.3	46.8	35.1
Singapore	906	35.6	64.1	0.3	0.0	35.6	35.9	35.2
Slovak Republic	803	14.9	82.3	2.2	0.5	14.9	16.3	13.6
Slovenia	637	64.8	32.3	2.3	0.6	64.8	70.6	59.7
Spain	608	24.6	69.6	4.4	1.5	24.6	25.5	23.7
Sweden	686	27.8	69.7	1.5	1.0	27.8	29.1	26.3
Thailand	629	24.4	69.7	3.8	2.0	24.4	28.8	20.1
Tunisia	693	8.3	76.7	7.5	7.5	8.3	8.5	8.3
Turkey	1075	18.2	78.5	3.1	0.2	18.2	19.7	16.9
United Arab Emirates	2102	13.1	81.4	4.5	1.0	13.1	15.5	10.8
United States	1785	46.4	52.2	0.9	0.5	46.4	47.9	45.0
Yemen	1137	1.0	86.4	9.1	3.5	1.0	1.9	0.3
International Avg. (50)	37332	24.0	70.2	4.4	1.3	24.0	25.7	22.5
Botswana (6)	594	15.3	81.4	3.0	0.3	15.3	14.2	16.3
Honduras (6)	554	4.9	89.3	4.0	1.8	4.9	4.2	5.5
Yemen (6)	699	10.8	80.9	7.2	1.1	10.8	16.5	6.4
Alberta, Canada	518	38.2	58.9	1.6	1.3	38.2	37.9	38.5
Ontario, Canada	639	36.2	61.3	1.3	1.2	36.2	37.5	34.9
Quebec, Canada	614	20.2	75.5	3.4	0.9	20.2	24.4	16.5
Abu Dhabi, UAE	603	11.9	82.9	4.4	0.8	11.9	14.8	9.1
Dubai, UAE	870	16.0	80.6	2.6	0.8	16.0	15.5	16.4
Florida, US	391	41.7	56.6	1.3	0.4	41.7	47.2	36.8
North Carolina, US	257	43.5	54.8	0.4	1.3	43.5	45.8	40.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_09B (S041134B): Physical Science / Reasoning
Label: 1 or 3 dissolves the candy fastest - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	27.2	20.7	26.5	20.8	4.8	27.2	29.0	25.6
Australia	877	44.1	10.9	41.8	1.4	1.8	44.1	49.1	39.4
Austria	672	48.8	18.1	29.5	3.1	0.4	48.8	50.1	47.6
Azerbaijan	695	13.8	15.6	33.7	32.1	4.8	13.8	14.8	12.9
Bahrain	586	39.7	20.3	34.2	2.8	3.0	39.7	42.2	37.5
Belgium (Flemish)	689	29.5	12.1	56.5	1.5	0.3	29.5	32.4	26.8
Chile	789	33.4	22.1	36.9	4.5	3.1	33.4	34.6	32.1
Chinese Taipei	614	78.2	4.4	16.6	0.6	0.2	78.2	83.3	73.8
Croatia	659	70.6	8.1	16.1	3.9	1.3	70.6	74.0	67.3
Czech Republic	647	59.6	13.4	24.0	2.4	0.5	59.6	63.7	55.9
Denmark	580	55.4	9.4	28.7	4.2	2.3	55.4	58.9	51.7
England	481	48.6	9.9	36.9	2.9	1.8	48.6	54.6	43.3
Finland	664	53.6	11.7	31.3	2.8	0.5	53.6	57.3	50.6
Georgia	688	22.7	21.7	37.2	15.1	3.2	22.7	27.3	18.9
Germany	569	46.2	15.1	35.4	2.0	1.4	46.2	48.0	44.4
Hong Kong SAR	561	61.4	6.1	31.9	0.6	0.0	61.4	71.2	52.6
Hungary	740	40.2	10.5	43.5	2.3	3.5	40.2	40.4	39.9
Iran, Islamic Rep. of	824	39.5	21.1	29.5	6.1	3.8	39.5	41.9	37.2
Ireland	645	44.6	9.9	43.0	2.0	0.4	44.6	50.6	39.1
Italy	601	61.4	8.8	26.5	2.1	1.1	61.4	64.3	58.4
Japan	634	80.3	5.4	13.1	0.7	0.5	80.3	80.7	80.0
Kazakhstan	625	46.9	6.9	26.0	17.9	2.3	46.9	50.1	43.7
Korea, Rep. of	619	84.8	4.5	9.4	1.3	0.0	84.8	89.2	81.1
Kuwait	587	16.6	23.8	50.5	5.5	3.7	16.6	22.9	9.1
Lithuania	693	62.5	11.9	23.7	1.5	0.4	62.5	65.1	60.2
Malta	518	41.6	9.2	45.3	3.5	0.4	41.6	45.3	38.1
Morocco	1120	6.2	17.3	60.4	9.4	6.7	6.2	5.6	6.9
Netherlands	467	35.3	13.4	49.5	1.3	0.4	35.3	35.0	35.6
New Zealand	804	44.0	13.6	39.5	1.3	1.6	44.0	47.7	40.6
Northern Ireland	500	45.3	16.0	37.4	1.0	0.2	45.3	46.6	44.2
Norway	445	31.1	17.5	47.3	2.2	1.9	31.1	31.5	30.4
Oman	1479	23.4	21.5	46.3	5.7	3.1	23.4	29.4	17.8
Poland	718	47.4	5.4	42.6	2.3	2.4	47.4	51.7	43.4
Portugal	581	42.8	13.7	40.3	1.6	1.6	42.8	43.6	42.0
Qatar	595	29.9	25.8	38.4	4.9	1.0	29.9	34.5	26.1
Romania	660	45.5	13.9	34.7	3.4	2.5	45.5	48.3	42.9
Russian Federation	644	66.1	12.2	18.5	2.4	0.8	66.1	71.5	60.8
Saudi Arabia	656	36.1	20.9	38.0	3.0	2.0	36.1	51.4	20.5
Serbia	620	59.9	9.9	23.1	2.8	4.3	59.9	65.0	55.9
Singapore	906	50.4	10.1	38.9	0.6	0.1	50.4	51.5	49.3
Slovak Republic	803	57.0	13.0	27.4	1.8	0.8	57.0	58.3	55.7
Slovenia	637	69.4	9.4	17.1	3.0	1.1	69.4	70.6	68.4
Spain	608	42.6	10.9	39.1	4.8	2.7	42.6	46.8	38.7
Sweden	686	48.3	16.2	32.1	2.0	1.4	48.3	48.6	48.0
Thailand	629	40.2	11.3	40.4	6.1	2.0	40.2	43.4	37.1
Tunisia	693	20.0	21.2	43.3	4.7	10.7	20.0	23.0	17.7
Turkey	1075	47.8	16.0	32.4	3.2	0.6	47.8	53.5	42.8
United Arab Emirates	2102	32.4	21.3	40.7	3.9	1.6	32.4	35.6	29.2
United States	1785	45.0	11.3	41.5	1.6	0.7	45.0	45.6	44.4
Yemen	1138	4.6	26.1	56.4	8.8	4.1	4.6	7.0	2.8
International Avg. (50)	37330	44.4	14.0	35.1	4.5	2.0	44.4	47.7	41.4
Botswana (6)	594	42.4	17.4	37.2	2.5	0.5	42.4	45.8	39.1
Honduras (6)	554	14.4	31.6	46.4	4.3	3.3	14.4	12.0	16.8
Yemen (6)	698	20.0	23.6	48.2	7.1	1.1	20.0	25.6	15.7
Alberta, Canada	518	65.8	8.3	22.0	2.1	1.8	65.8	66.0	65.6
Ontario, Canada	639	65.4	12.9	17.9	2.4	1.4	65.4	64.7	66.1
Quebec, Canada	614	59.9	14.4	20.2	4.5	1.0	59.9	65.0	55.4
Abu Dhabi, UAE	603	30.2	21.5	43.2	3.7	1.4	30.2	37.6	22.9
Dubai, UAE	870	36.5	20.4	38.7	2.9	1.4	36.5	31.4	40.7
Florida, US	391	37.8	12.7	48.2	0.7	0.7	37.8	39.5	36.3
North Carolina, US	257	43.2	13.0	41.5	1.1	1.3	43.2	43.1	43.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_09C (S041134C): Physical Science / Reasoning
Label: Method gives the less sweet drink - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	28.9	15.8	16.1	17.0	28.9	17.1	5.0	32.2	25.8
Australia	877	51.1	14.2	8.4	22.0	51.1	2.3	2.0	55.9	46.6
Austria	672	53.3	11.0	10.1	20.7	53.3	4.5	0.4	54.8	51.7
Azerbaijan	695	34.8	15.3	9.5	10.9	34.8	24.5	4.9	35.3	34.3
Bahrain	586	36.0	16.6	17.2	24.3	36.0	2.0	3.9	37.0	35.1
Belgium (Flemish)	689	46.8	11.8	12.1	27.1	46.8	1.4	0.8	45.6	47.9
Chile	789	42.7	15.3	11.6	21.6	42.7	5.1	3.6	43.9	41.6
Chinese Taipei	614	68.6	8.4	10.4	11.2	68.6	1.1	0.3	69.9	67.5
Croatia	659	53.9	14.1	12.1	14.9	53.9	3.7	1.3	54.1	53.8
Czech Republic	647	52.3	12.0	12.9	19.8	52.3	2.4	0.5	53.2	51.5
Denmark	580	50.1	9.5	10.4	22.1	50.1	4.8	3.1	52.3	47.9
England	481	50.6	13.9	11.1	19.4	50.6	3.1	2.0	53.2	48.4
Finland	664	63.5	10.8	7.6	14.5	63.5	2.9	0.8	65.3	62.0
Georgia	688	37.0	16.9	15.0	19.2	37.0	8.6	3.3	42.4	32.6
Germany	569	55.1	10.1	5.4	24.2	55.1	3.5	1.7	56.2	54.2
Hong Kong SAR	561	60.2	7.6	12.7	19.1	60.2	0.4	0.0	61.0	59.5
Hungary	740	54.9	10.2	10.3	18.1	54.9	2.3	4.2	57.4	52.7
Iran, Islamic Rep. of	824	38.0	16.4	11.7	23.4	38.0	6.3	4.3	35.6	40.3
Ireland	645	51.3	13.2	12.3	20.8	51.3	1.7	0.6	56.5	46.6
Italy	601	48.7	13.8	9.6	23.5	48.7	2.9	1.5	51.3	46.0
Japan	634	74.2	5.6	4.7	13.8	74.2	1.1	0.6	76.3	72.0
Kazakhstan	627	36.5	13.5	19.2	23.9	36.5	4.2	2.6	36.3	36.8
Korea, Rep. of	619	63.4	11.9	6.3	17.1	63.4	1.3	0.0	70.7	57.2
Kuwait	582	24.9	18.0	22.8	24.4	24.9	6.5	3.4	29.5	19.4
Lithuania	693	58.6	10.9	11.4	17.5	58.6	1.2	0.4	64.5	53.6
Malta	518	48.8	14.8	13.8	18.4	48.8	3.3	0.8	50.8	46.9
Morocco	920	22.7	17.3	27.9	31.9	22.7	0.2	0.1	27.0	18.7
Netherlands	467	56.9	9.0	8.3	24.1	56.9	1.1	0.7	54.9	58.7
New Zealand	804	51.0	14.2	9.9	21.4	51.0	1.8	1.7	55.6	46.8
Northern Ireland	500	51.7	13.1	13.6	19.4	51.7	1.9	0.2	56.3	47.7
Norway	445	48.5	14.8	9.2	22.7	48.5	2.7	2.1	46.9	50.7
Oman	1479	27.5	19.8	21.2	23.3	27.5	4.7	3.6	33.2	22.2
Poland	718	59.2	10.6	11.9	12.9	59.2	3.0	2.5	61.5	57.0
Portugal	581	55.6	10.5	8.4	21.1	55.6	2.3	2.1	59.4	51.5
Qatar	595	32.1	16.9	20.1	25.5	32.1	4.3	1.2	37.1	28.0
Romania	658	46.7	16.4	14.2	16.0	46.7	4.3	2.5	50.6	43.0
Russian Federation	644	48.9	11.2	12.9	23.8	48.9	2.3	1.0	54.1	43.7
Saudi Arabia	655	31.4	15.4	18.8	29.2	31.4	3.2	2.0	38.5	24.2
Serbia	620	58.7	11.4	7.9	13.2	58.7	3.9	4.9	62.4	55.8
Singapore	906	63.6	10.8	11.0	14.1	63.6	0.3	0.2	65.8	61.5
Slovak Republic	803	56.4	12.5	11.1	17.3	56.4	2.0	0.8	58.9	53.9
Slovenia	637	58.5	11.3	7.6	17.8	58.5	3.3	1.6	60.1	57.1
Spain	608	41.7	13.2	11.5	26.5	41.7	4.5	2.7	39.1	44.2
Sweden	686	51.7	9.9	12.6	22.0	51.7	2.0	1.8	50.7	52.9
Thailand	629	40.9	20.5	9.0	24.6	40.9	3.0	2.0	44.4	37.4
Tunisia	682	22.2	12.1	13.5	29.8	22.2	10.9	11.4	24.5	20.3
Turkey	1075	42.0	20.3	13.2	22.6	42.0	1.3	0.6	43.7	40.5
United Arab Emirates	2102	37.8	15.3	15.1	26.6	37.8	3.5	1.7	41.0	34.7
United States	1785	48.9	11.9	10.4	25.8	48.9	1.8	1.2	48.0	49.7
Yemen	1138	18.0	13.0	26.1	31.1	18.0	7.4	4.5	20.5	16.1
International Avg. (50)	37113	47.1	13.3	12.6	21.0	47.1	3.9	2.1	49.5	45.0
Botswana (6)	594	40.1	18.3	15.5	23.1	40.1	2.2	0.8	46.0	34.4
Honduras (6)	554	31.3	25.8	16.8	19.5	31.3	3.2	3.4	31.8	30.8
Yemen (6)	700	28.3	15.1	19.8	28.8	28.3	6.6	1.3	32.6	25.1
Alberta, Canada	518	51.7	8.9	11.6	22.6	51.7	3.2	2.0	51.2	52.2
Ontario, Canada	639	47.0	14.0	10.5	24.4	47.0	1.8	2.3	47.8	46.1
Quebec, Canada	615	48.7	12.4	13.3	20.8	48.7	3.9	1.1	50.0	47.4
Abu Dhabi, UAE	603	35.8	16.7	16.7	25.8	35.8	3.6	1.4	38.1	33.6
Dubai, UAE	870	46.9	11.5	12.4	24.7	46.9	2.8	1.7	47.0	46.8
Florida, US	391	42.7	14.7	12.6	28.3	42.7	1.1	0.7	42.2	43.1
North Carolina, US	257	44.9	12.2	9.5	30.5	44.9	1.6	1.3	45.6	44.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S09_10 (S041191): Physical Science / Knowing
Label: Materials and heat conduction - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	18.8	43.9	18.8	18.1	9.8	4.1	5.4	18.7	18.9
Australia	877	40.7	33.5	40.7	10.3	10.6	2.9	2.0	40.3	41.2
Austria	672	41.7	37.1	41.7	6.0	13.7	1.1	0.4	33.7	49.7
Azerbaijan	695	65.5	5.7	65.5	4.4	17.3	2.1	4.9	66.1	65.1
Bahrain	586	50.0	23.9	50.0	9.9	11.1	0.5	4.6	47.5	52.2
Belgium (Flemish)	689	32.3	48.0	32.3	10.3	7.8	0.7	1.0	31.4	33.1
Chile	789	29.6	30.9	29.6	13.8	20.4	1.2	4.1	25.7	33.7
Chinese Taipei	614	68.8	17.1	68.8	6.3	7.2	0.2	0.3	67.5	69.9
Croatia	659	24.7	46.7	24.7	16.4	8.6	2.1	1.5	23.3	26.2
Czech Republic	647	21.2	64.3	21.2	6.7	5.7	1.3	0.8	16.5	25.6
Denmark	580	43.1	31.3	43.1	8.2	12.2	1.9	3.4	42.2	44.1
England	481	48.1	23.3	48.1	13.3	11.8	1.1	2.4	41.4	53.9
Finland	664	60.7	27.7	60.7	4.9	5.3	0.4	1.0	52.6	67.5
Georgia	690	46.2	13.4	46.2	18.3	16.7	1.8	3.6	45.3	47.0
Germany	569	43.9	30.1	43.9	10.8	11.9	1.3	2.0	41.5	46.2
Hong Kong SAR	561	89.2	5.1	89.2	2.8	2.8	0.1	0.0	88.6	89.8
Hungary	739	39.5	30.6	39.5	14.8	9.7	1.1	4.4	34.4	43.9
Iran, Islamic Rep. of	824	25.1	17.0	25.1	30.2	20.6	2.1	5.0	23.7	26.5
Ireland	645	40.3	34.6	40.3	13.4	10.5	0.4	0.8	40.4	40.2
Italy	601	44.7	38.7	44.7	5.9	7.1	1.8	1.8	46.4	43.0
Japan	634	78.1	14.0	78.1	2.2	5.1	0.0	0.6	78.3	77.8
Kazakhstan	627	37.4	29.7	37.4	18.0	10.7	1.6	2.6	35.0	39.9
Korea, Rep. of	619	95.1	2.1	95.1	1.6	1.1	0.1	0.0	94.6	95.5
Kuwait	581	33.8	22.2	33.8	17.3	15.4	7.4	3.8	32.1	35.9
Lithuania	693	36.8	35.9	36.8	14.4	11.8	0.8	0.4	37.3	36.3
Malta	518	33.5	40.0	33.5	13.0	11.5	0.8	1.2	32.2	34.8
Morocco	925	38.6	25.0	38.6	21.1	13.5	1.6	0.3	33.5	43.3
Netherlands	467	35.1	32.1	35.1	15.5	16.1	0.7	0.7	33.1	36.9
New Zealand	804	26.3	47.2	26.3	12.7	11.3	0.7	1.7	25.9	26.6
Northern Ireland	500	36.4	33.9	36.4	17.0	11.6	0.8	0.2	35.5	37.2
Norway	445	36.8	37.5	36.8	10.3	11.8	0.8	2.9	32.6	42.3
Oman	1479	50.2	15.3	50.2	14.8	13.7	2.0	4.0	50.1	50.3
Poland	718	21.8	52.9	21.8	15.3	6.2	0.4	3.4	16.8	26.4
Portugal	581	33.8	24.9	33.8	22.2	15.8	1.0	2.2	33.5	34.2
Qatar	595	51.9	22.7	51.9	9.5	11.9	2.6	1.4	54.5	49.7
Romania	660	41.5	47.9	41.5	3.4	3.0	1.2	3.0	36.4	46.2
Russian Federation	644	56.9	19.3	56.9	14.6	7.3	0.9	1.0	55.3	58.4
Saudi Arabia	655	52.6	18.9	52.6	14.6	9.9	2.0	2.0	57.1	48.0
Serbia	620	57.1	22.0	57.1	8.2	4.4	2.6	5.7	54.0	59.5
Singapore	906	92.0	3.8	92.0	1.5	2.4	0.0	0.2	90.2	93.7
Slovak Republic	803	41.5	42.6	41.5	8.7	5.3	1.1	0.8	38.7	44.2
Slovenia	637	48.4	25.8	48.4	12.9	9.8	1.2	1.8	41.4	54.4
Spain	608	36.5	27.9	36.5	16.6	14.2	1.6	3.2	34.3	38.6
Sweden	686	41.8	41.4	41.8	5.5	7.9	1.1	2.3	40.6	43.2
Thailand	629	54.5	17.2	54.5	10.2	14.5	1.0	2.6	55.5	53.5
Tunisia	685	38.4	15.2	38.4	15.9	11.6	6.8	12.2	36.9	39.6
Turkey	1075	36.6	17.2	36.6	20.6	24.7	0.3	0.6	33.7	39.0
United Arab Emirates	2102	43.1	25.1	43.1	14.2	13.7	2.1	1.8	42.2	43.9
United States	1785	41.9	39.3	41.9	7.7	8.1	1.2	1.8	37.6	45.8
Yemen	1138	30.1	15.8	30.1	28.2	16.8	4.7	4.5	28.5	31.2
International Avg. (50)	37123	44.7	28.3	44.7	12.3	10.8	1.5	2.4	42.7	46.5
Botswana (6)	594	57.3	28.3	57.3	6.6	5.4	1.2	1.3	54.5	59.9
Honduras (6)	554	32.5	23.8	32.5	17.8	20.7	1.6	3.6	30.0	34.9
Yemen (6)	699	43.9	15.9	43.9	19.1	15.2	4.6	1.3	42.7	44.8
Alberta, Canada	518	31.0	45.0	31.0	11.9	6.9	2.2	2.9	29.8	32.2
Ontario, Canada	639	29.0	44.5	29.0	12.7	9.3	1.3	3.2	27.5	30.5
Quebec, Canada	615	36.4	43.7	36.4	7.1	10.3	1.3	1.2	31.8	40.5
Abu Dhabi, UAE	603	42.9	24.1	42.9	14.8	14.6	2.1	1.4	42.5	43.3
Dubai, UAE	870	41.4	26.6	41.4	16.1	12.3	2.1	1.7	40.8	41.8
Florida, US	391	41.7	40.4	41.7	6.8	8.3	1.6	1.2	39.0	44.0
North Carolina, US	257	43.3	37.2	43.3	6.1	8.9	2.4	2.1	43.8	42.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S09_11 (S041107): Earth Science / Knowing
Label: Two planets orbit the sun - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	40.2	10.0	14.2	29.2	6.5	50.2	40.2	41.5	39.0
Australia	877	72.5	13.9	8.0	3.6	2.1	86.3	72.5	73.7	71.3
Austria	672	63.7	15.4	9.7	10.8	0.4	79.1	63.7	65.0	62.3
Azerbaijan	695	44.7	13.5	8.7	28.0	5.0	58.2	44.7	46.2	43.5
Bahrain	586	58.1	14.0	17.3	5.5	5.1	72.1	58.1	62.5	54.1
Belgium (Flemish)	689	56.9	27.4	11.3	3.4	1.0	84.3	56.9	57.3	56.6
Chile	789	85.9	4.1	1.2	4.2	4.6	89.9	85.9	83.0	88.8
Chinese Taipei	614	56.7	15.3	18.8	8.9	0.3	72.0	56.7	54.4	58.7
Croatia	659	58.0	13.4	11.5	15.3	1.8	71.3	58.0	56.5	59.5
Czech Republic	647	68.2	13.9	6.7	10.1	1.1	82.1	68.2	67.9	68.5
Denmark	580	57.8	19.9	12.1	6.7	3.6	77.7	57.8	56.3	59.4
England	481	66.0	16.1	10.8	4.5	2.6	82.1	66.0	67.3	64.8
Finland	664	59.6	20.3	10.8	8.1	1.2	79.9	59.6	60.6	58.7
Georgia	690	63.5	8.5	8.2	15.8	4.0	72.0	63.5	66.2	61.2
Germany	569	57.9	19.3	11.0	9.3	2.5	77.2	57.9	52.6	62.9
Hong Kong SAR	561	64.9	19.3	11.4	4.4	0.0	84.1	64.9	60.5	68.9
Hungary	740	68.5	12.1	7.7	7.0	4.7	80.6	68.5	69.8	67.4
Iran, Islamic Rep. of	824	72.1	6.8	10.0	5.4	5.6	78.9	72.1	76.5	67.8
Ireland	645	76.4	11.4	7.5	4.0	0.8	87.7	76.4	68.7	83.3
Italy	601	64.6	13.7	7.8	11.7	2.2	78.3	64.6	62.9	66.3
Japan	634	56.7	22.0	15.8	4.8	0.6	78.7	56.7	51.0	62.6
Kazakhstan	625	55.0	15.8	15.8	9.9	3.4	70.8	55.0	52.6	57.5
Korea, Rep. of	619	63.9	16.1	16.2	3.7	0.1	80.0	63.9	59.6	67.6
Kuwait	587	35.1	13.4	34.4	11.7	5.4	48.5	35.1	39.4	30.1
Lithuania	693	67.9	14.2	9.3	8.2	0.4	82.1	67.9	65.8	69.7
Malta	518	61.6	17.7	10.9	8.4	1.4	79.3	61.6	60.5	62.7
Morocco	1121	3.6	8.6	45.2	34.9	7.8	12.2	3.6	2.7	4.6
Netherlands	467	71.0	20.8	5.9	1.5	0.9	91.7	71.0	69.4	72.5
New Zealand	804	69.3	16.8	9.2	2.8	1.9	86.2	69.3	66.2	72.1
Northern Ireland	500	68.6	15.0	9.5	6.3	0.7	83.6	68.6	67.8	69.3
Norway	445	70.4	12.4	6.8	7.3	3.1	82.8	70.4	68.0	73.6
Oman	1479	46.8	14.9	24.0	9.7	4.6	61.7	46.8	48.6	45.2
Poland	718	70.9	10.4	4.7	10.6	3.5	81.3	70.9	71.5	70.3
Portugal	581	83.0	5.5	4.4	4.2	2.8	88.5	83.0	82.0	84.0
Qatar	595	46.1	11.7	29.6	10.8	1.8	57.8	46.1	42.0	49.4
Romania	660	70.1	10.7	7.5	8.6	3.1	80.8	70.1	72.6	67.7
Russian Federation	644	77.7	9.0	3.9	8.3	1.1	86.7	77.7	78.1	77.2
Saudi Arabia	656	52.4	13.8	24.9	6.3	2.7	66.2	52.4	56.2	48.5
Serbia	620	49.3	14.3	11.0	19.1	6.3	63.6	49.3	44.7	53.0
Singapore	906	55.3	22.2	20.3	1.9	0.2	77.6	55.3	54.1	56.5
Slovak Republic	803	84.0	5.6	5.1	4.5	0.9	89.5	84.0	81.1	86.7
Slovenia	637	47.0	17.7	17.7	15.7	1.8	64.7	47.0	41.5	51.7
Spain	608	69.2	9.0	9.6	8.8	3.4	78.2	69.2	65.7	72.4
Sweden	686	69.0	15.5	5.4	7.7	2.3	84.5	69.0	71.1	66.7
Thailand	629	69.3	10.1	12.8	5.0	2.8	79.4	69.3	71.5	67.2
Tunisia	693	15.0	12.3	42.0	18.0	12.8	27.3	15.0	15.6	14.5
Turkey	1075	34.9	14.0	41.2	9.4	0.6	48.8	34.9	35.0	34.8
United Arab Emirates	2102	59.8	12.2	19.9	6.1	1.9	72.1	59.8	62.7	57.1
United States	1785	77.4	12.6	6.1	2.0	1.9	90.0	77.4	75.0	79.7
Yemen	1138	11.5	7.0	54.7	21.5	5.3	18.5	11.5	12.8	10.5
International Avg. (50)	37333	59.4	13.8	14.6	9.5	2.8	73.1	59.4	58.7	60.0
Botswana (6)	594	51.1	16.9	28.8	1.8	1.5	68.0	51.1	53.9	48.4
Honduras (6)	554	59.2	14.3	14.6	8.1	3.7	73.5	59.2	52.8	65.5
Yemen (6)	698	38.0	14.2	34.0	11.7	2.1	52.2	38.0	41.7	35.1
Alberta, Canada	518	61.2	22.8	9.7	3.4	2.9	84.0	61.2	58.4	63.8
Ontario, Canada	639	66.5	17.8	7.7	4.2	3.8	84.3	66.5	63.5	69.6
Quebec, Canada	613	72.9	14.9	7.1	3.6	1.5	87.8	72.9	68.9	76.4
Abu Dhabi, UAE	603	53.3	13.0	26.2	5.9	1.6	66.4	53.3	58.4	48.4
Dubai, UAE	870	65.9	12.4	13.6	6.2	1.8	78.4	65.9	63.6	67.9
Florida, US	391	82.0	10.1	4.7	1.7	1.5	92.1	82.0	77.6	85.9
North Carolina, US	257	73.1	15.4	6.3	2.3	3.0	88.4	73.1	69.8	76.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S09_12 (S041113): Earth Science / Reasoning
Label: Why shadows changed - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	722	25.6	33.3	24.2	16.9	25.6	25.4	26.0
Australia	877	53.6	39.4	4.2	2.8	53.6	54.5	52.7
Austria	672	43.7	47.2	6.4	2.7	43.7	38.5	48.8
Azerbaijan	695	21.3	40.9	22.8	15.0	21.3	22.4	20.5
Bahrain	586	38.8	50.1	5.2	6.0	38.8	40.8	37.0
Belgium (Flemish)	689	40.2	56.8	1.2	1.8	40.2	42.1	38.4
Chile	789	31.1	57.1	5.3	6.5	31.1	27.8	34.5
Chinese Taipei	614	51.3	45.2	2.4	1.2	51.3	52.0	50.6
Croatia	659	38.2	55.1	4.5	2.2	38.2	40.8	35.6
Czech Republic	647	39.4	54.6	4.2	1.9	39.4	35.0	43.6
Denmark	580	52.9	40.0	3.0	4.1	52.9	52.0	53.9
England	481	35.0	58.9	2.8	3.2	35.0	35.4	34.7
Finland	664	54.6	39.4	3.6	2.4	54.6	56.8	52.8
Georgia	688	27.0	49.1	14.7	9.2	27.0	27.8	26.4
Germany	569	31.5	58.9	6.2	3.3	31.5	29.7	33.2
Hong Kong SAR	561	52.2	42.8	4.1	0.8	52.2	53.6	51.0
Hungary	739	36.4	53.8	4.5	5.4	36.4	33.7	38.7
Iran, Islamic Rep. of	824	20.7	57.4	14.7	7.3	20.7	17.6	23.7
Ireland	645	39.3	54.4	5.1	1.2	39.3	33.0	45.0
Italy	601	30.2	61.2	5.2	3.4	30.2	27.1	33.5
Japan	634	81.2	17.1	0.5	1.3	81.2	77.9	84.6
Kazakhstan	625	46.4	39.6	7.3	6.7	46.4	45.3	47.5
Korea, Rep. of	619	53.1	46.4	0.3	0.3	53.1	51.7	54.2
Kuwait	586	11.1	64.1	16.2	8.6	11.1	11.7	10.4
Lithuania	693	33.3	62.8	2.8	1.1	33.3	33.2	33.5
Malta	518	20.6	66.0	10.1	3.4	20.6	18.4	22.7
Morocco	1119	7.6	46.2	25.4	20.9	7.6	5.5	9.4
Netherlands	467	37.0	60.4	1.3	1.3	37.0	32.7	41.1
New Zealand	804	37.0	57.0	3.4	2.6	37.0	35.7	38.2
Northern Ireland	500	22.4	73.9	2.3	1.5	22.4	18.8	25.6
Norway	445	25.3	64.3	6.3	4.0	25.3	24.4	26.5
Oman	1479	21.7	58.5	11.3	8.5	21.7	22.1	21.4
Poland	718	30.6	55.3	8.0	6.2	30.6	31.3	29.9
Portugal	581	40.1	54.2	2.0	3.7	40.1	35.3	45.2
Qatar	595	25.6	59.0	11.2	4.2	25.6	28.9	22.9
Romania	660	47.3	38.1	8.7	5.9	47.3	48.2	46.4
Russian Federation	644	47.3	45.5	4.5	2.6	47.3	47.2	47.4
Saudi Arabia	656	29.7	54.4	10.3	5.7	29.7	28.3	31.1
Serbia	620	40.3	46.6	4.9	8.3	40.3	42.9	38.2
Singapore	906	75.8	23.1	0.4	0.7	75.8	76.4	75.2
Slovak Republic	803	33.1	59.0	6.0	1.9	33.1	28.4	37.7
Slovenia	637	42.8	48.8	5.2	3.2	42.8	38.9	46.1
Spain	608	23.5	66.1	5.6	4.9	23.5	22.5	24.4
Sweden	686	34.6	56.6	5.6	3.2	34.6	36.6	32.2
Thailand	629	32.7	55.4	7.4	4.5	32.7	31.1	34.2
Tunisia	693	8.7	60.2	12.1	19.0	8.7	9.2	8.3
Turkey	1075	30.2	63.7	4.1	1.9	30.2	28.1	31.9
United Arab Emirates	2102	20.4	65.0	10.8	3.8	20.4	20.4	20.4
United States	1785	38.6	56.8	2.4	2.2	38.6	35.2	41.8
Yemen	1137	3.5	58.0	24.9	13.6	3.5	4.6	2.7
International Avg. (50)	37326	35.3	52.4	7.3	5.1	35.3	34.3	36.2
Botswana (6)	594	17.3	75.8	4.4	2.5	17.3	15.7	18.8
Honduras (6)	554	23.8	64.4	4.9	6.9	23.8	18.1	29.5
Yemen (6)	699	14.6	67.3	12.6	5.5	14.6	13.8	15.1
Alberta, Canada	518	57.5	37.5	1.3	3.7	57.5	53.8	60.9
Ontario, Canada	639	45.7	46.3	3.1	4.8	45.7	42.5	49.1
Quebec, Canada	614	49.0	45.6	2.8	2.5	49.0	49.7	48.4
Abu Dhabi, UAE	603	19.4	67.6	9.6	3.4	19.4	21.0	17.9
Dubai, UAE	870	23.9	63.7	8.5	3.9	23.9	21.9	25.6
Florida, US	391	35.7	60.1	2.2	2.0	35.7	33.3	37.8
North Carolina, US	257	31.1	61.1	3.8	4.1	31.1	30.5	31.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_01 (S051185): Life Science / Knowing
Label: Water in tray and mosquitoes - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	24.3	18.3	31.2	24.3	13.7	7.7	4.7	25.5	23.4
Australia	890	63.1	13.6	15.4	63.1	6.9	0.5	0.5	63.4	62.9
Austria	678	60.8	15.3	17.3	60.8	3.6	2.9	0.0	58.5	63.1
Azerbaijan	695	34.2	20.6	26.1	34.2	10.0	6.5	2.6	34.6	33.9
Bahrain	574	29.3	26.2	31.9	29.3	11.0	1.1	0.6	28.3	30.3
Belgium (Flemish)	683	56.2	13.4	22.6	56.2	7.3	0.6	0.0	55.3	57.0
Chile	794	40.7	21.8	25.2	40.7	9.6	1.9	0.8	37.0	45.0
Chinese Taipei	603	84.0	1.7	10.6	84.0	3.2	0.6	0.0	81.0	86.4
Croatia	649	48.7	16.8	25.0	48.7	7.3	2.1	0.0	44.8	52.3
Czech Republic	647	67.8	10.6	14.6	67.8	5.6	1.2	0.2	67.8	67.8
Denmark	577	65.4	8.8	13.8	65.4	8.8	2.6	0.6	65.6	65.2
England	494	51.6	18.1	18.7	51.6	9.2	1.9	0.4	53.2	50.0
Finland	659	77.4	8.0	10.4	77.4	2.9	1.1	0.1	77.6	77.3
Georgia	677	32.5	23.8	31.3	32.5	9.5	2.4	0.5	33.6	31.6
Germany	567	60.9	14.4	18.2	60.9	4.9	1.6	0.0	58.4	63.3
Hong Kong SAR	557	80.8	2.8	9.3	80.8	6.9	0.3	0.0	76.5	84.2
Hungary	745	71.0	10.0	11.0	71.0	6.5	0.9	0.5	71.5	70.6
Iran, Islamic Rep. of	825	30.3	20.8	34.7	30.3	10.3	3.6	0.3	30.0	30.5
Ireland	647	44.7	23.6	20.9	44.7	10.1	0.6	0.1	45.7	43.8
Italy	597	51.5	22.5	17.7	51.5	6.2	2.1	0.0	51.5	51.6
Japan	627	74.9	9.4	12.6	74.9	2.4	0.5	0.1	76.1	73.7
Kazakhstan	627	36.1	18.1	27.3	36.1	16.1	2.5	0.0	33.9	38.1
Korea, Rep. of	619	75.0	9.4	12.5	75.0	2.8	0.2	0.0	74.7	75.3
Kuwait	583	18.3	33.5	30.9	18.3	12.0	4.9	0.4	16.6	20.4
Lithuania	670	56.3	16.5	20.9	56.3	4.7	1.7	0.0	55.0	57.4
Malta	511	28.6	31.9	25.1	28.6	13.3	1.0	0.0	28.4	28.9
Morocco	1029	20.7	29.0	36.4	20.7	9.9	3.5	0.5	17.1	24.5
Netherlands	461	66.4	12.1	14.7	66.4	6.1	0.4	0.2	63.9	69.5
New Zealand	814	46.3	19.7	25.5	46.3	7.0	1.1	0.4	47.4	45.1
Northern Ireland	503	46.1	20.1	23.8	46.1	9.2	0.8	0.0	47.3	45.1
Norway	436	55.2	16.6	23.8	55.2	3.8	0.4	0.3	53.5	57.0
Oman	1487	25.7	28.5	31.0	25.7	10.9	3.4	0.5	23.5	27.7
Poland	719	50.9	15.2	20.4	50.9	11.6	1.3	0.5	50.3	51.6
Portugal	580	28.1	20.7	41.6	28.1	8.8	0.7	0.0	25.4	30.9
Qatar	596	24.5	27.5	35.2	24.5	9.0	3.2	0.6	26.3	23.0
Romania	659	46.1	18.4	23.6	46.1	9.6	2.3	0.1	43.5	48.1
Russian Federation	644	65.4	11.4	16.5	65.4	5.3	1.4	0.0	64.0	66.7
Saudi Arabia	658	27.2	31.6	29.4	27.2	11.3	0.4	0.0	28.7	25.6
Serbia	624	44.5	18.9	28.2	44.5	6.5	1.9	0.1	39.2	48.8
Singapore	915	95.4	0.4	3.2	95.4	0.9	0.1	0.0	96.4	94.4
Slovak Republic	809	56.7	14.2	19.5	56.7	8.1	1.4	0.1	53.5	59.9
Slovenia	640	52.0	19.4	18.1	52.0	8.5	1.9	0.1	52.8	51.2
Spain	613	34.7	24.4	25.8	34.7	12.5	2.3	0.2	29.3	39.6
Sweden	676	57.9	11.3	26.7	57.9	2.2	1.9	0.1	60.0	55.7
Thailand	634	85.8	2.8	5.6	85.8	4.3	0.8	0.7	86.8	84.9
Tunisia	676	22.1	21.3	35.3	22.1	12.0	7.8	1.6	20.2	24.0
Turkey	1067	21.9	27.9	38.4	21.9	11.0	0.8	0.0	23.1	20.8
United Arab Emirates	2087	31.3	28.2	26.9	31.3	10.5	2.8	0.4	31.0	31.6
United States	1762	54.3	19.1	18.1	54.3	7.3	1.1	0.2	54.2	54.3
Yemen	1115	26.3	25.1	33.0	26.3	9.2	5.6	0.8	20.7	30.3
International Avg. (50)	37117	49.0	17.9	22.7	49.0	8.0	2.0	0.4	48.0	49.9
Botswana (6)	595	36.8	12.9	32.3	36.8	16.9	1.1	0.0	36.8	36.8
Honduras (6)	554	56.6	8.6	14.7	56.6	15.4	3.2	1.5	53.4	60.2
Yemen (6)	713	25.6	21.5	38.5	25.6	9.5	4.4	0.5	17.4	31.7
Alberta, Canada	521	60.6	15.3	16.8	60.6	6.9	0.4	0.0	57.3	63.9
Ontario, Canada	648	53.5	15.6	19.8	53.5	9.0	1.9	0.2	50.5	56.2
Quebec, Canada	616	47.9	16.0	28.6	47.9	6.5	1.0	0.0	47.9	48.0
Abu Dhabi, UAE	592	24.8	31.5	28.4	24.8	11.9	2.9	0.5	25.8	24.0
Dubai, UAE	865	43.2	19.9	23.5	43.2	11.3	1.6	0.6	38.8	46.8
Florida, US	376	52.5	16.5	21.6	52.5	7.5	2.0	0.0	51.8	53.1
North Carolina, US	258	54.7	16.0	19.5	54.7	8.3	1.1	0.4	51.6	58.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_02 (S051048): Life Science / Knowing
Label: Ways pollen is spread - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	22.5	8.3	11.9	51.7	5.6	30.8	22.5	25.5	19.9
Australia	890	36.6	40.2	15.4	7.0	0.7	76.8	36.6	36.1	37.1
Austria	678	37.6	26.1	12.6	23.7	0.0	63.7	37.6	36.8	38.3
Azerbaijan	695	27.3	14.2	12.3	43.3	3.0	41.4	27.3	26.6	27.8
Bahrain	574	28.0	17.0	35.3	19.1	0.6	45.0	28.0	29.8	26.3
Belgium (Flemish)	683	33.3	27.7	28.9	10.1	0.0	61.0	33.3	33.8	32.8
Chile	794	26.3	28.2	23.3	21.1	1.1	54.5	26.3	24.9	28.0
Chinese Taipei	603	32.9	35.3	14.4	17.4	0.0	68.2	32.9	34.7	31.4
Croatia	649	33.2	29.8	11.5	25.6	0.0	63.0	33.2	34.8	31.6
Czech Republic	647	48.4	34.5	4.5	12.4	0.2	82.9	48.4	46.2	50.3
Denmark	576	27.5	29.0	25.1	17.7	0.7	56.5	27.5	24.4	30.9
England	494	42.4	38.3	12.5	6.3	0.4	80.7	42.4	41.8	43.0
Finland	659	52.3	33.7	5.9	8.0	0.1	86.0	52.3	56.3	48.9
Georgia	678	27.4	22.6	20.2	28.6	1.2	50.0	27.4	30.1	25.1
Germany	567	29.3	26.8	16.7	27.2	0.0	56.1	29.3	33.5	25.4
Hong Kong SAR	557	32.6	32.1	19.9	15.3	0.0	64.8	32.6	31.9	33.2
Hungary	745	60.8	19.2	7.8	11.7	0.5	80.0	60.8	60.0	61.6
Iran, Islamic Rep. of	825	7.9	10.8	39.8	41.2	0.4	18.7	7.9	8.5	7.3
Ireland	647	31.9	39.6	15.8	12.6	0.1	71.5	31.9	34.1	29.8
Italy	597	43.2	27.1	11.5	18.2	0.0	70.3	43.2	44.2	42.1
Japan	627	25.7	30.2	32.5	11.4	0.1	55.9	25.7	27.6	23.8
Kazakhstan	626	30.4	21.4	27.2	20.9	0.1	51.8	30.4	26.6	33.9
Korea, Rep. of	619	42.0	42.6	10.4	5.1	0.0	84.6	42.0	40.5	43.4
Kuwait	587	27.7	17.7	24.1	30.0	0.5	45.4	27.7	31.3	23.6
Lithuania	670	42.2	27.1	16.5	14.2	0.0	69.3	42.2	43.5	40.9
Malta	511	19.7	25.9	29.7	24.7	0.0	45.6	19.7	18.8	20.6
Morocco	1122	6.7	8.1	43.3	40.6	1.3	14.8	6.7	7.0	6.4
Netherlands	461	44.6	29.8	22.0	3.3	0.2	74.4	44.6	41.3	48.3
New Zealand	814	31.6	40.7	18.5	8.8	0.4	72.3	31.6	33.4	29.8
Northern Ireland	503	39.2	33.4	14.0	13.4	0.0	72.6	39.2	43.4	35.4
Norway	436	23.1	32.6	24.9	19.0	0.4	55.7	23.1	24.5	21.5
Oman	1487	13.8	20.6	40.3	24.5	0.8	34.5	13.8	16.8	11.3
Poland	719	27.2	37.0	13.4	22.0	0.5	64.2	27.2	27.6	26.9
Portugal	580	42.0	30.1	12.7	15.2	0.0	72.1	42.0	40.4	43.5
Qatar	596	19.5	22.3	33.2	24.4	0.6	41.7	19.5	19.8	19.2
Romania	659	35.3	26.4	19.2	19.1	0.1	61.7	35.3	36.4	34.3
Russian Federation	644	45.9	32.7	9.4	12.0	0.0	78.5	45.9	49.9	42.0
Saudi Arabia	658	37.8	11.6	34.2	16.4	0.0	49.4	37.8	40.0	35.4
Serbia	624	32.2	22.0	13.0	32.7	0.2	54.2	32.2	32.7	31.7
Singapore	915	26.8	33.8	35.0	4.5	0.0	60.6	26.8	23.1	30.2
Slovak Republic	809	37.0	42.8	7.6	12.4	0.1	79.9	37.0	39.3	34.8
Slovenia	644	47.3	26.4	9.9	16.3	0.1	73.7	47.3	56.1	39.0
Spain	613	36.0	27.1	16.0	20.2	0.8	63.1	36.0	33.8	37.9
Sweden	676	41.1	32.1	11.1	15.7	0.1	73.2	41.1	42.4	39.7
Thailand	634	15.0	12.5	54.6	16.8	1.1	27.4	15.0	12.4	17.5
Tunisia	685	8.4	12.5	51.1	26.0	2.1	20.8	8.4	7.7	9.0
Turkey	1067	15.0	22.5	44.3	18.2	0.0	37.5	15.0	15.7	14.4
United Arab Emirates	2087	16.5	19.9	39.9	23.0	0.7	36.4	16.5	18.8	14.4
United States	1762	46.1	38.4	11.9	3.3	0.2	84.5	46.1	47.5	44.6
Yemen	1115	4.1	9.1	44.8	40.4	1.6	13.2	4.1	2.9	4.9
International Avg. (50)	37226	31.2	26.6	22.2	19.5	0.5	57.8	31.2	31.9	30.6
Botswana (6)	595	5.4	22.0	67.7	4.8	0.0	27.4	5.4	4.8	6.0
Honduras (6)	554	15.7	27.8	33.3	21.6	1.6	43.5	15.7	13.6	18.1
Yemen (6)	713	7.1	18.2	47.4	26.3	0.9	25.3	7.1	7.5	6.8
Alberta, Canada	521	45.1	36.6	14.2	4.1	0.0	81.7	45.1	45.0	45.1
Ontario, Canada	648	42.5	36.2	13.0	7.9	0.5	78.7	42.5	41.6	43.3
Quebec, Canada	616	34.9	36.5	17.6	11.0	0.0	71.4	34.9	39.6	29.9
Abu Dhabi, UAE	592	11.2	18.2	49.3	20.5	0.7	29.4	11.2	14.1	8.5
Dubai, UAE	865	25.6	24.0	28.4	21.2	0.8	49.6	25.6	25.1	26.0
Florida, US	376	40.6	42.3	13.5	3.6	0.0	82.9	40.6	43.4	37.8
North Carolina, US	258	46.6	41.8	8.3	2.7	0.4	88.5	46.6	44.6	49.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_03 (S051164): Life Science / Applying
Label: Why frogs lay more eggs than birds - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	7.9	34.8	49.6	7.6	7.9	10.5	5.8
Australia	890	10.5	82.4	6.3	0.8	10.5	11.3	9.8
Austria	678	11.0	64.8	24.2	0.0	11.0	9.0	12.9
Azerbaijan	695	8.2	32.6	55.8	3.4	8.2	5.8	10.3
Bahrain	574	16.8	65.8	16.8	0.6	16.8	19.0	14.7
Belgium (Flemish)	683	9.4	81.9	8.7	0.0	9.4	9.4	9.4
Chile	794	8.4	77.7	12.5	1.3	8.4	8.0	8.9
Chinese Taipei	603	12.2	69.3	18.5	0.0	12.2	10.5	13.7
Croatia	649	4.2	62.6	33.2	0.0	4.2	4.4	4.0
Czech Republic	647	14.1	61.0	24.8	0.2	14.1	14.4	13.8
Denmark	576	16.8	67.9	14.4	0.9	16.8	16.2	17.5
England	494	18.6	73.6	7.3	0.4	18.6	18.4	18.9
Finland	659	22.4	62.1	15.4	0.1	22.4	27.3	18.3
Georgia	678	16.7	54.2	26.5	2.6	16.7	18.6	15.1
Germany	567	12.9	63.8	23.3	0.0	12.9	12.5	13.3
Hong Kong SAR	557	11.9	68.5	19.6	0.0	11.9	10.7	12.9
Hungary	745	7.2	76.6	14.8	1.3	7.2	8.9	5.6
Iran, Islamic Rep. of	825	6.6	71.0	21.4	1.0	6.6	6.1	7.1
Ireland	647	10.7	78.6	10.5	0.1	10.7	12.7	8.8
Italy	597	13.4	65.6	20.7	0.3	13.4	14.3	12.3
Japan	627	21.8	71.8	6.1	0.3	21.8	21.2	22.4
Kazakhstan	627	10.8	69.4	19.7	0.1	10.8	10.7	10.8
Korea, Rep. of	619	35.3	57.8	6.9	0.0	35.3	36.9	33.9
Kuwait	587	2.1	58.1	38.9	1.0	2.1	3.0	1.0
Lithuania	670	5.8	76.9	17.2	0.0	5.8	6.6	5.2
Malta	511	4.5	73.2	22.3	0.0	4.5	3.5	5.4
Morocco	1122	0.8	56.8	40.6	1.8	0.8	0.7	0.9
Netherlands	461	17.8	79.4	2.3	0.4	17.8	18.1	17.6
New Zealand	814	4.6	88.8	6.2	0.5	4.6	3.9	5.2
Northern Ireland	503	10.9	78.8	10.3	0.0	10.9	12.0	9.9
Norway	436	7.7	75.9	15.8	0.5	7.7	6.5	9.0
Oman	1487	6.2	67.2	25.8	0.8	6.2	6.7	5.8
Poland	719	16.5	55.9	27.2	0.5	16.5	14.8	18.1
Portugal	579	5.3	77.7	17.0	0.0	5.3	5.5	5.2
Qatar	596	5.6	69.1	24.5	0.8	5.6	6.6	4.7
Romania	659	11.2	67.6	20.7	0.5	11.2	13.6	9.3
Russian Federation	644	15.5	67.3	17.0	0.3	15.5	18.5	12.5
Saudi Arabia	658	1.8	80.0	17.9	0.3	1.8	2.5	1.0
Serbia	624	6.4	69.9	23.4	0.3	6.4	5.4	7.2
Singapore	915	40.0	58.5	1.5	0.0	40.0	37.9	41.9
Slovak Republic	809	7.5	68.5	23.9	0.1	7.5	7.7	7.4
Slovenia	644	3.1	76.0	20.7	0.1	3.1	4.1	2.2
Spain	613	8.6	66.4	24.3	0.8	8.6	7.6	9.4
Sweden	676	24.8	60.1	14.8	0.2	24.8	28.3	21.2
Thailand	634	11.4	74.8	11.7	2.1	11.4	11.9	11.0
Tunisia	685	1.9	72.7	23.0	2.3	1.9	2.5	1.4
Turkey	1067	3.4	82.0	14.5	0.1	3.4	3.1	3.6
United Arab Emirates	2087	6.1	68.8	24.2	0.9	6.1	5.3	6.8
United States	1762	22.3	75.0	2.5	0.2	22.3	22.4	22.3
Yemen	1115	1.1	62.2	34.7	2.0	1.1	1.6	0.8
International Avg. (50)	37226	11.2	68.4	19.6	0.8	11.2	11.5	10.9
Botswana (6)	595	2.4	92.7	4.9	0.0	2.4	2.7	2.2
Honduras (6)	554	1.3	81.3	14.7	2.7	1.3	1.0	1.7
Yemen (6)	713	2.4	73.6	23.0	0.9	2.4	3.7	1.5
Alberta, Canada	521	11.8	82.9	5.2	0.0	11.8	12.0	11.6
Ontario, Canada	648	11.3	81.2	7.0	0.5	11.3	10.8	11.7
Quebec, Canada	616	10.6	78.6	10.7	0.1	10.6	8.5	12.9
Abu Dhabi, UAE	592	4.4	70.2	24.5	0.9	4.4	4.8	4.1
Dubai, UAE	865	8.7	69.7	20.7	1.0	8.7	5.5	11.3
Florida, US	376	19.9	75.7	4.1	0.3	19.9	22.1	17.7
North Carolina, US	258	20.3	75.4	3.9	0.4	20.3	20.0	20.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_04 (S051186): Life Science / Applying
Label: Write in names in food chain - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	37.2	38.1	16.5	8.2	37.2	37.5	36.8
Australia	890	67.6	29.0	2.6	0.9	67.6	63.5	71.1
Austria	678	66.5	28.3	5.2	0.0	66.5	63.6	69.4
Azerbaijan	695	24.3	44.6	27.7	3.4	24.3	26.6	22.4
Bahrain	574	70.2	25.8	3.4	0.6	70.2	71.5	68.9
Belgium (Flemish)	683	66.2	31.6	1.9	0.3	66.2	60.0	72.2
Chile	794	58.0	35.7	4.9	1.5	58.0	52.8	63.7
Chinese Taipei	603	78.1	19.8	2.2	0.0	78.1	74.3	81.3
Croatia	649	64.2	32.2	3.6	0.0	64.2	65.5	63.0
Czech Republic	647	72.5	22.4	4.9	0.2	72.5	71.4	73.4
Denmark	577	71.8	22.0	4.6	1.6	71.8	68.1	76.0
England	494	76.1	22.2	1.3	0.4	76.1	75.4	76.7
Finland	659	87.3	10.7	1.9	0.1	87.3	86.8	87.7
Georgia	668	30.7	54.7	12.0	2.7	30.7	31.7	29.8
Germany	567	70.9	24.4	4.6	0.1	70.9	68.1	73.4
Hong Kong SAR	557	83.6	14.1	2.2	0.0	83.6	81.2	85.6
Hungary	745	81.9	14.2	2.4	1.4	81.9	81.8	82.1
Iran, Islamic Rep. of	825	38.8	50.8	9.3	1.0	38.8	38.6	39.1
Ireland	647	61.3	36.0	2.6	0.1	61.3	59.3	63.2
Italy	597	73.5	23.0	2.9	0.6	73.5	73.8	73.3
Japan	627	90.2	9.1	0.4	0.4	90.2	87.5	92.8
Kazakhstan	627	55.0	35.5	9.2	0.2	55.0	56.1	54.0
Korea, Rep. of	619	91.0	8.2	0.7	0.0	91.0	89.9	92.1
Kuwait	585	58.4	34.7	5.5	1.5	58.4	64.7	50.7
Lithuania	670	79.0	18.5	2.6	0.0	79.0	79.5	78.5
Malta	511	60.5	36.0	3.5	0.0	60.5	58.0	63.0
Morocco	1120	32.0	49.4	16.3	2.3	32.0	29.0	35.0
Netherlands	461	79.8	17.8	2.0	0.4	79.8	77.6	82.0
New Zealand	814	57.5	39.0	3.0	0.6	57.5	58.6	56.4
Northern Ireland	503	70.0	28.2	1.5	0.2	70.0	65.6	74.0
Norway	436	59.6	34.8	4.8	0.8	59.6	57.6	61.8
Oman	1487	74.3	23.4	1.3	1.0	74.3	74.8	73.8
Poland	719	72.4	24.5	2.2	0.9	72.4	71.1	73.6
Portugal	580	72.9	25.5	1.6	0.0	72.9	71.1	74.7
Qatar	596	58.9	36.9	3.1	1.0	58.9	63.4	55.2
Romania	660	53.9	38.0	7.7	0.5	53.9	49.6	57.3
Russian Federation	644	78.7	19.3	1.5	0.4	78.7	81.3	76.3
Saudi Arabia	658	61.4	31.4	6.9	0.3	61.4	68.5	54.0
Serbia	624	77.8	19.9	2.0	0.3	77.8	77.8	77.8
Singapore	915	76.2	23.2	0.4	0.1	76.2	72.0	80.1
Slovak Republic	809	69.4	28.0	2.4	0.1	69.4	69.6	69.3
Slovenia	644	75.1	20.2	4.6	0.1	75.1	75.3	74.9
Spain	613	71.8	23.5	3.9	0.8	71.8	70.6	72.8
Sweden	676	65.7	28.5	5.2	0.6	65.7	64.2	67.2
Thailand	634	45.7	47.1	5.1	2.1	45.7	48.3	43.1
Tunisia	685	30.6	62.6	3.9	2.9	30.6	29.1	32.1
Turkey	1067	50.4	47.4	2.1	0.1	50.4	48.6	52.2
United Arab Emirates	2087	59.1	36.4	3.5	1.1	59.1	58.6	59.5
United States	1762	78.4	19.8	1.4	0.4	78.4	77.0	79.9
Yemen	1116	9.9	70.1	17.9	2.0	9.9	10.8	9.3
International Avg. (50)	37216	63.9	30.3	4.9	0.9	63.9	63.1	64.7
Botswana (6)	595	51.0	46.1	2.9	0.0	51.0	45.5	56.4
Honduras (6)	554	19.6	71.7	5.9	2.8	19.6	17.3	22.1
Yemen (6)	713	27.2	63.1	8.8	0.9	27.2	29.8	25.3
Alberta, Canada	520	75.7	21.9	2.4	0.0	75.7	76.3	75.1
Ontario, Canada	648	77.9	19.0	2.2	0.9	77.9	76.1	79.6
Quebec, Canada	616	69.6	27.4	2.9	0.1	69.6	69.5	69.6
Abu Dhabi, UAE	592	54.8	40.5	3.6	1.0	54.8	53.5	56.1
Dubai, UAE	865	71.4	24.9	2.5	1.2	71.4	71.0	71.8
Florida, US	376	79.7	17.2	2.0	1.0	79.7	79.9	79.6
North Carolina, US	258	69.8	26.0	3.8	0.4	69.8	67.8	72.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_05 (S051137): Life Science / Applying
Label: Why wash hands before eating - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	69.9	3.5	6.0	8.5	69.9	3.7	8.4	70.6	69.4
Australia	890	65.6	7.3	7.4	15.0	65.6	3.5	1.2	72.5	59.6
Austria	678	61.6	6.2	9.3	17.7	61.6	5.3	0.0	62.4	60.7
Azerbaijan	695	71.8	5.3	6.1	8.1	71.8	5.2	3.5	75.9	68.3
Bahrain	574	66.7	8.5	10.6	12.1	66.7	1.5	0.6	73.7	59.9
Belgium (Flemish)	683	67.7	13.4	7.2	10.0	67.7	1.2	0.4	72.6	63.0
Chile	794	85.4	2.2	5.9	3.1	85.4	1.5	1.9	87.4	83.2
Chinese Taipei	603	88.6	6.0	1.6	3.3	88.6	0.5	0.0	91.0	86.6
Croatia	649	82.3	3.6	5.9	6.2	82.3	2.0	0.0	84.3	80.4
Czech Republic	647	86.8	5.2	4.7	2.4	86.8	0.7	0.2	88.5	85.3
Denmark	577	91.1	1.1	1.2	2.6	91.1	2.1	1.9	92.4	89.6
England	494	81.8	2.1	5.0	9.8	81.8	0.9	0.4	84.2	79.5
Finland	659	86.5	6.0	3.2	2.6	86.5	1.7	0.1	88.2	85.0
Georgia	668	59.8	27.6	3.5	4.9	59.8	1.5	2.7	59.7	59.9
Germany	567	89.5	2.5	2.1	4.5	89.5	1.2	0.1	91.0	88.1
Hong Kong SAR	557	93.5	2.7	1.9	1.2	93.5	0.6	0.2	95.8	91.5
Hungary	745	82.0	4.1	1.7	9.3	82.0	1.3	1.7	82.8	81.2
Iran, Islamic Rep. of	825	69.2	8.6	7.1	10.8	69.2	3.0	1.1	70.2	68.2
Ireland	647	79.2	4.7	4.5	10.8	79.2	0.6	0.1	82.1	76.4
Italy	597	69.7	4.3	16.6	6.9	69.7	1.6	0.9	65.5	74.5
Japan	627	89.7	3.8	3.0	2.4	89.7	0.8	0.4	92.7	86.7
Kazakhstan	627	81.0	4.9	4.7	6.6	81.0	2.1	0.7	83.2	79.0
Korea, Rep. of	619	90.5	1.5	4.8	3.0	90.5	0.2	0.0	93.7	87.5
Kuwait	577	37.1	14.2	18.0	20.6	37.1	8.7	1.5	39.3	34.5
Lithuania	670	81.4	4.5	4.1	9.1	81.4	0.9	0.0	88.5	75.2
Malta	511	56.9	10.1	8.5	22.8	56.9	1.6	0.0	59.4	54.5
Morocco	1025	44.4	10.1	22.3	21.1	44.4	1.7	0.4	46.9	41.8
Netherlands	461	79.6	6.7	3.9	8.6	79.6	0.7	0.7	82.2	76.6
New Zealand	814	72.9	7.6	5.2	10.5	72.9	3.1	0.7	77.7	68.3
Northern Ireland	503	76.6	3.5	3.6	14.4	76.6	1.7	0.2	81.5	72.3
Norway	436	79.1	6.3	4.4	6.8	79.1	2.5	0.8	75.4	83.3
Oman	1487	51.1	12.6	14.1	18.1	51.1	3.0	1.2	55.5	47.3
Poland	719	82.2	6.3	4.0	5.2	82.2	1.4	0.9	81.4	83.0
Portugal	580	78.6	6.5	6.1	6.9	78.6	1.2	0.6	84.6	72.7
Qatar	596	56.6	10.8	13.1	16.4	56.6	2.0	1.2	61.8	52.2
Romania	659	73.4	7.2	6.2	9.4	73.4	3.2	0.5	76.1	71.2
Russian Federation	644	88.9	3.3	3.0	2.8	88.9	1.4	0.5	88.7	89.0
Saudi Arabia	656	61.5	7.2	13.3	15.3	61.5	2.3	0.3	70.2	52.5
Serbia	624	83.7	3.7	6.4	5.1	83.7	0.7	0.3	83.3	84.1
Singapore	915	89.0	2.5	3.2	5.1	89.0	0.1	0.1	91.5	86.7
Slovak Republic	809	83.7	5.8	3.8	5.4	83.7	1.2	0.1	86.2	81.3
Slovenia	642	75.8	5.8	3.4	10.8	75.8	4.0	0.1	76.8	74.9
Spain	613	78.1	4.1	7.7	6.6	78.1	2.4	1.2	76.6	79.4
Sweden	676	73.1	10.3	8.2	6.5	73.1	1.3	0.7	74.1	72.0
Thailand	634	74.7	5.3	7.4	9.7	74.7	0.6	2.3	79.5	70.0
Tunisia	671	45.0	3.8	16.6	21.6	45.0	9.8	3.3	47.8	42.3
Turkey	1067	70.5	6.7	14.7	7.5	70.5	0.4	0.2	74.5	66.6
United Arab Emirates	2087	60.1	9.7	9.4	17.6	60.1	2.0	1.2	61.4	58.8
United States	1762	60.9	13.4	7.4	16.6	60.9	1.2	0.6	63.6	57.9
Yemen	1115	33.2	8.3	21.4	27.6	33.2	6.8	2.8	33.0	33.4
International Avg. (50)	37093	73.2	6.6	7.3	9.8	73.2	2.2	1.0	75.6	70.9
Botswana (6)	595	62.9	5.9	6.8	23.4	62.9	1.0	0.0	69.3	56.7
Honduras (6)	554	80.0	8.1	2.3	5.4	80.0	0.7	3.5	85.8	73.4
Yemen (6)	713	52.5	6.9	13.0	22.7	52.5	4.0	0.9	64.4	43.5
Alberta, Canada	521	69.2	6.7	7.1	15.3	69.2	1.8	0.0	73.2	65.2
Ontario, Canada	648	62.7	9.0	8.1	17.3	62.7	1.6	1.4	62.9	62.6
Quebec, Canada	616	60.4	15.4	10.7	10.3	60.4	3.1	0.1	66.1	54.5
Abu Dhabi, UAE	592	53.2	11.8	9.3	22.2	53.2	2.3	1.2	55.7	50.9
Dubai, UAE	865	70.5	5.1	7.9	13.7	70.5	1.6	1.3	71.9	69.3
Florida, US	376	60.8	8.9	9.4	19.4	60.8	0.5	1.0	62.6	59.0
North Carolina, US	258	64.7	9.8	7.6	15.6	64.7	2.0	0.4	65.9	63.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_06 (S051007): Life Science / Applying
Label: Importance of spiders - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	52.7	14.5	24.1	8.7	52.7	50.8	54.2
Australia	890	54.9	40.0	3.5	1.6	54.9	58.1	52.0
Austria	678	68.1	15.9	16.0	0.0	68.1	68.2	68.0
Azerbaijan	695	34.9	19.1	42.4	3.5	34.9	36.0	33.9
Bahrain	574	28.0	56.9	14.3	0.8	28.0	28.0	28.0
Belgium (Flemish)	683	62.6	33.7	3.3	0.4	62.6	62.6	62.6
Chile	794	45.0	42.6	10.4	2.0	45.0	42.4	47.9
Chinese Taipei	603	64.8	25.9	9.3	0.0	64.8	61.2	67.9
Croatia	649	49.8	27.9	22.3	0.0	49.8	49.9	49.6
Czech Republic	647	75.9	16.6	7.2	0.2	75.9	75.3	76.5
Denmark	577	55.6	32.7	9.7	1.9	55.6	50.9	60.9
England	494	52.8	41.7	5.0	0.4	52.8	54.8	50.9
Finland	659	59.6	28.5	11.7	0.1	59.6	63.4	56.5
Georgia	679	46.2	28.9	22.2	2.6	46.2	42.4	49.5
Germany	567	65.2	20.0	14.6	0.1	65.2	66.8	63.7
Hong Kong SAR	557	50.6	37.7	11.5	0.2	50.6	50.6	50.6
Hungary	745	77.9	13.8	6.4	1.8	77.9	74.4	81.3
Iran, Islamic Rep. of	825	60.8	24.7	12.9	1.5	60.8	58.9	62.8
Ireland	647	58.7	35.3	5.9	0.2	58.7	59.1	58.2
Italy	597	62.6	22.8	13.6	1.0	62.6	63.0	62.0
Japan	627	63.1	32.9	3.4	0.6	63.1	63.7	62.5
Kazakhstan	627	56.2	30.5	12.3	1.0	56.2	52.1	60.0
Korea, Rep. of	619	67.9	28.0	4.0	0.0	67.9	67.5	68.3
Kuwait	586	12.3	47.8	36.9	2.9	12.3	12.3	12.3
Lithuania	670	67.6	27.1	5.3	0.0	67.6	68.8	66.5
Malta	511	53.2	35.1	11.7	0.0	53.2	58.5	48.0
Morocco	1121	9.7	45.7	41.7	2.9	9.7	8.2	11.2
Netherlands	461	66.6	31.4	1.3	0.7	66.6	69.2	63.8
New Zealand	814	52.9	41.5	4.8	0.8	52.9	51.4	54.4
Northern Ireland	503	48.4	44.7	6.7	0.2	48.4	51.9	45.3
Norway	436	46.8	36.1	16.2	0.9	46.8	48.4	45.0
Oman	1487	20.8	54.6	23.2	1.4	20.8	22.0	19.8
Poland	719	66.0	19.9	13.1	1.1	66.0	60.9	70.8
Portugal	580	51.4	38.9	8.9	0.8	51.4	51.2	51.6
Qatar	596	23.6	56.4	18.6	1.4	23.6	24.5	22.8
Romania	660	51.9	28.7	18.9	0.5	51.9	47.5	55.5
Russian Federation	644	76.8	15.2	7.4	0.5	76.8	76.7	76.9
Saudi Arabia	658	28.2	55.1	16.3	0.5	28.2	28.3	28.0
Serbia	624	50.6	33.5	15.6	0.3	50.6	43.2	56.6
Singapore	915	77.8	21.5	0.7	0.1	77.8	75.7	79.7
Slovak Republic	809	76.5	14.5	8.8	0.2	76.5	73.6	79.3
Slovenia	644	57.1	29.3	13.4	0.1	57.1	57.3	57.0
Spain	613	48.7	36.0	14.1	1.2	48.7	45.0	52.0
Sweden	676	53.4	32.1	13.8	0.8	53.4	55.3	51.3
Thailand	634	45.4	41.7	10.6	2.3	45.4	41.7	49.2
Tunisia	684	26.0	52.6	17.9	3.6	26.0	27.2	24.8
Turkey	1067	22.9	64.6	12.2	0.2	22.9	22.6	23.3
United Arab Emirates	2087	26.6	51.3	20.8	1.3	26.6	26.8	26.5
United States	1762	74.1	23.7	1.5	0.7	74.1	75.1	72.9
Yemen	1115	5.7	45.8	45.5	2.9	5.7	6.4	5.2
International Avg. (50)	37227	51.1	33.9	13.8	1.1	51.1	50.6	51.6
Botswana (6)	595	28.3	67.9	3.8	0.0	28.3	25.6	30.9
Honduras (6)	554	52.5	34.0	9.8	3.7	52.5	51.1	54.2
Yemen (6)	713	17.8	55.1	26.2	0.9	17.8	15.9	19.2
Alberta, Canada	521	74.7	22.8	2.3	0.2	74.7	74.1	75.2
Ontario, Canada	648	63.4	30.3	4.2	2.0	63.4	62.3	64.5
Quebec, Canada	616	65.3	28.8	5.5	0.4	65.3	66.0	64.6
Abu Dhabi, UAE	592	25.1	52.1	21.4	1.3	25.1	26.4	24.0
Dubai, UAE	865	33.8	47.6	17.3	1.3	33.8	32.5	34.9
Florida, US	376	73.0	24.3	1.6	1.0	73.0	73.6	72.4
North Carolina, US	258	68.1	29.2	2.3	0.4	68.1	65.2	71.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_07 (S051087): Physical Science / Applying
Label: Reason to build bridge of steel - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	29.3	17.0	29.3	14.1	19.5	10.6	9.4	25.9	32.3
Australia	890	78.6	4.1	78.6	5.4	8.7	1.6	1.6	78.8	78.3
Austria	678	82.9	5.4	82.9	3.1	6.8	1.9	0.0	79.7	85.9
Azerbaijan	695	67.8	6.3	67.8	6.5	8.1	6.9	4.4	69.1	66.8
Bahrain	574	56.3	18.5	56.3	8.4	15.1	0.8	1.0	55.3	57.2
Belgium (Flemish)	683	81.3	4.3	81.3	2.6	10.3	1.0	0.4	81.4	81.2
Chile	794	70.5	9.7	70.5	3.4	11.6	2.1	2.7	71.1	69.9
Chinese Taipei	603	88.4	3.3	88.4	5.4	2.3	0.5	0.0	86.9	89.7
Croatia	649	75.1	3.9	75.1	3.3	15.4	2.4	0.0	70.3	79.6
Czech Republic	647	84.8	3.6	84.8	1.8	7.6	1.9	0.2	81.6	87.7
Denmark	577	73.9	3.3	73.9	3.5	13.8	3.4	2.1	70.6	77.6
England	494	83.1	3.3	83.1	2.2	9.4	1.5	0.4	82.2	84.1
Finland	659	89.5	1.3	89.5	1.8	5.7	1.6	0.2	88.5	90.3
Georgia	679	60.6	7.9	60.6	11.1	14.6	2.8	3.0	60.0	61.0
Germany	567	84.8	3.3	84.8	1.7	7.2	2.7	0.3	84.4	85.2
Hong Kong SAR	557	85.6	1.8	85.6	4.6	6.2	1.7	0.2	86.2	85.0
Hungary	745	74.3	5.4	74.3	5.7	10.3	2.5	1.8	71.7	76.8
Iran, Islamic Rep. of	825	56.9	6.4	56.9	8.5	23.9	2.4	1.8	52.1	61.8
Ireland	647	84.6	6.4	84.6	1.5	6.2	1.0	0.3	84.2	84.9
Italy	597	82.3	5.1	82.3	4.2	5.5	1.7	1.2	80.5	84.4
Japan	627	82.5	5.5	82.5	3.5	4.8	3.0	0.6	83.3	81.8
Kazakhstan	627	56.6	11.2	56.6	10.4	17.4	3.3	1.1	53.2	59.6
Korea, Rep. of	619	93.6	2.7	93.6	0.9	2.6	0.3	0.0	91.4	95.6
Kuwait	579	37.8	18.4	37.8	16.2	19.0	5.8	2.7	40.1	35.1
Lithuania	670	83.6	3.5	83.6	5.5	6.4	1.0	0.0	81.1	85.8
Malta	510	68.6	12.3	68.6	6.4	10.9	1.7	0.0	69.2	68.1
Morocco	995	36.7	17.6	36.7	20.0	22.7	2.5	0.5	36.8	36.7
Netherlands	461	90.4	1.7	90.4	1.3	4.4	1.6	0.7	89.6	91.1
New Zealand	814	74.6	7.2	74.6	4.3	11.2	1.9	0.9	76.6	72.6
Northern Ireland	503	85.8	4.1	85.8	2.4	5.6	1.9	0.2	88.8	83.1
Norway	436	76.7	3.7	76.7	3.2	11.9	2.8	1.6	71.7	82.3
Oman	1487	48.3	15.6	48.3	12.2	19.5	2.6	1.8	45.8	50.5
Poland	719	81.1	5.0	81.1	3.1	7.8	1.7	1.2	78.1	84.0
Portugal	580	72.7	6.6	72.7	4.7	13.1	2.1	0.8	69.0	76.5
Qatar	596	47.3	14.8	47.3	12.1	23.1	1.3	1.4	43.9	50.1
Romania	659	80.1	6.1	80.1	4.9	5.2	2.9	0.7	78.5	81.5
Russian Federation	644	85.4	3.6	85.4	2.8	6.0	1.5	0.7	85.6	85.2
Saudi Arabia	655	53.3	13.8	53.3	10.7	18.7	2.7	0.9	53.8	52.8
Serbia	624	76.3	7.6	76.3	1.3	12.7	1.3	0.9	68.7	82.3
Singapore	915	79.7	4.7	79.7	8.5	6.8	0.2	0.1	78.2	81.1
Slovak Republic	809	80.8	6.6	80.8	1.9	9.2	1.3	0.2	79.5	82.1
Slovenia	642	70.4	7.6	70.4	5.8	13.9	2.0	0.1	66.8	73.8
Spain	613	72.7	8.8	72.7	3.3	11.7	1.9	1.6	71.5	73.8
Sweden	676	80.9	2.8	80.9	2.6	11.6	1.2	0.8	77.2	84.7
Thailand	634	78.8	4.7	78.8	5.2	8.6	0.2	2.5	80.5	77.2
Tunisia	670	36.2	12.3	36.2	18.9	15.3	12.6	4.7	35.0	37.3
Turkey	1067	64.1	11.9	64.1	10.1	11.9	1.7	0.4	64.8	63.4
United Arab Emirates	2087	55.2	13.7	55.2	9.3	17.6	2.6	1.5	53.4	56.9
United States	1762	86.1	4.4	86.1	2.6	4.8	1.4	0.8	85.2	87.1
Yemen	1115	36.5	19.3	36.5	16.7	16.4	7.6	3.4	31.7	40.0
International Avg. (50)	37073	71.3	7.6	71.3	6.2	11.2	2.5	1.3	69.8	72.6
Botswana (6)	595	49.0	9.8	49.0	11.8	28.6	0.8	0.0	44.4	53.4
Honduras (6)	554	63.7	9.9	63.7	6.4	14.0	1.9	4.1	63.7	63.8
Yemen (6)	713	53.0	16.1	53.0	9.0	18.1	2.5	1.3	52.4	53.5
Alberta, Canada	521	83.5	3.1	83.5	2.7	7.2	2.7	0.7	83.3	83.7
Ontario, Canada	648	82.3	3.9	82.3	1.4	8.6	1.7	2.0	78.7	85.8
Quebec, Canada	616	59.7	15.3	59.7	5.6	17.4	1.6	0.4	54.3	65.3
Abu Dhabi, UAE	592	49.2	15.2	49.2	11.8	19.9	2.4	1.6	50.5	48.0
Dubai, UAE	865	65.7	10.4	65.7	6.3	14.7	1.6	1.4	61.7	68.9
Florida, US	376	87.4	3.7	87.4	1.6	4.0	2.2	1.0	91.0	83.9
North Carolina, US	258	84.2	4.2	84.2	2.9	4.1	3.5	1.0	83.4	85.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08A (S051188A): Physical Science / Knowing
Label: 1: Energy used by people - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	44.5	10.0	44.5	35.9	9.6	43.3	45.6
Australia	890	77.5	14.3	77.5	6.6	1.6	80.9	74.6
Austria	678	86.0	8.5	86.0	5.5	0.0	84.2	87.8
Azerbaijan	695	51.6	5.5	51.6	38.1	4.8	52.8	50.6
Bahrain	574	55.0	28.4	55.0	15.6	1.0	58.8	51.5
Belgium (Flemish)	683	83.1	13.6	83.1	2.5	0.7	81.1	85.1
Chile	794	73.5	16.4	73.5	7.2	2.9	73.2	73.8
Chinese Taipei	603	78.4	20.2	78.4	1.4	0.0	75.1	81.2
Croatia	649	88.9	5.5	88.9	5.6	0.0	88.8	89.0
Czech Republic	647	89.6	6.2	89.6	4.0	0.2	86.9	91.9
Denmark	577	81.6	8.8	81.6	7.2	2.3	83.5	79.5
England	494	81.4	9.4	81.4	8.6	0.6	83.5	79.4
Finland	659	92.3	4.0	92.3	3.5	0.2	91.2	93.2
Georgia	668	56.3	11.8	56.3	28.8	3.1	56.9	55.7
Germany	567	85.9	8.3	85.9	5.5	0.3	83.5	88.2
Hong Kong SAR	557	87.0	11.2	87.0	1.6	0.2	90.0	84.6
Hungary	745	84.3	8.6	84.3	5.1	2.0	84.8	83.8
Iran, Islamic Rep. of	825	62.7	11.3	62.7	24.0	1.9	64.7	60.7
Ireland	647	83.4	10.1	83.4	6.0	0.5	83.3	83.6
Italy	597	84.9	6.9	84.9	6.8	1.4	87.1	82.5
Japan	627	89.7	6.9	89.7	2.4	1.0	89.5	89.9
Kazakhstan	627	55.3	12.1	55.3	31.0	1.6	60.6	50.4
Korea, Rep. of	619	88.6	9.9	88.6	1.6	0.0	86.0	91.0
Kuwait	571	43.6	30.4	43.6	23.2	2.8	48.5	37.5
Lithuania	670	83.8	9.8	83.8	6.4	0.0	81.0	86.2
Malta	511	65.4	28.6	65.4	5.8	0.2	69.2	61.6
Morocco	916	46.5	30.2	46.5	22.7	0.6	41.8	51.2
Netherlands	461	88.6	7.9	88.6	2.8	0.7	84.6	92.7
New Zealand	814	72.7	15.4	72.7	11.0	0.9	73.8	71.7
Northern Ireland	503	81.8	13.1	81.8	3.8	1.3	83.7	80.1
Norway	436	76.4	13.3	76.4	8.6	1.7	77.0	75.7
Oman	1487	54.6	19.4	54.6	24.1	1.9	59.7	50.1
Poland	719	86.2	7.2	86.2	5.4	1.2	85.4	86.9
Portugal	580	83.3	13.3	83.3	2.6	0.8	84.2	82.3
Qatar	596	59.8	26.8	59.8	11.9	1.5	63.6	56.5
Romania	657	74.8	7.9	74.8	16.5	0.8	75.1	74.7
Russian Federation	644	82.7	5.2	82.7	11.3	0.8	83.8	81.6
Saudi Arabia	647	61.2	18.5	61.2	19.1	1.3	64.1	58.1
Serbia	624	85.1	4.6	85.1	9.4	0.9	86.5	83.9
Singapore	915	78.4	20.9	78.4	0.7	0.1	79.0	77.8
Slovak Republic	809	89.0	6.0	89.0	4.8	0.2	88.6	89.5
Slovenia	643	87.8	5.8	87.8	6.2	0.2	91.5	84.4
Spain	613	78.6	13.2	78.6	6.6	1.6	74.6	82.1
Sweden	676	82.6	9.4	82.6	7.1	0.9	80.7	84.5
Thailand	634	61.3	19.5	61.3	16.6	2.6	59.1	63.4
Tunisia	682	43.7	20.7	43.7	30.2	5.4	44.5	42.9
Turkey	1067	80.3	9.9	80.3	9.2	0.6	79.3	81.2
United Arab Emirates	2087	61.6	22.7	61.6	13.9	1.8	65.1	58.2
United States	1762	84.1	11.3	84.1	3.6	1.1	84.9	83.3
Yemen	1115	22.7	22.7	22.7	51.0	3.6	26.1	20.3
International Avg. (50)	36979	73.6	13.2	73.6	11.8	1.4	74.1	73.0
Botswana (6)	595	64.7	8.5	64.7	26.8	0.0	70.0	59.5
Honduras (6)	554	47.9	13.6	47.9	34.4	4.1	50.9	44.4
Yemen (6)	713	39.7	16.7	39.7	42.4	1.3	43.3	36.9
Alberta, Canada	521	88.0	7.8	88.0	2.7	1.5	89.0	86.9
Ontario, Canada	648	83.3	10.5	83.3	3.9	2.3	83.5	83.2
Quebec, Canada	616	85.3	10.7	85.3	3.6	0.4	83.6	87.1
Abu Dhabi, UAE	592	58.1	26.3	58.1	13.7	2.0	64.4	52.1
Dubai, UAE	865	65.3	21.7	65.3	11.4	1.6	64.6	65.8
Florida, US	376	82.0	11.7	82.0	4.1	2.2	80.8	83.2
North Carolina, US	258	82.9	11.4	82.9	4.7	1.0	80.8	85.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08B (S051188B): Physical Science / Knowing
Label: 2: Energy used by people - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	35.6	35.6	17.8	37.0	9.6	36.3	35.2
Australia	890	69.8	69.8	23.0	5.6	1.6	72.8	67.3
Austria	678	79.6	79.6	17.1	3.3	0.0	74.7	84.4
Azerbaijan	695	56.5	56.5	12.6	26.2	4.8	58.3	54.9
Bahrain	574	43.7	43.7	38.5	16.9	1.0	49.5	38.1
Belgium (Flemish)	683	80.1	80.1	17.8	1.3	0.7	77.9	82.3
Chile	794	53.6	53.6	37.0	6.5	2.9	48.3	59.5
Chinese Taipei	603	89.3	89.3	9.6	1.1	0.0	86.1	92.0
Croatia	649	69.9	69.9	24.8	5.3	0.0	69.4	70.4
Czech Republic	647	72.2	72.2	22.2	5.4	0.2	70.1	74.0
Denmark	577	76.6	76.6	16.3	4.8	2.3	75.9	77.4
England	494	67.1	67.1	26.4	5.9	0.6	66.7	67.4
Finland	659	89.2	89.2	8.5	2.1	0.2	88.2	90.0
Georgia	668	37.5	37.5	31.3	28.2	3.1	40.9	34.4
Germany	567	82.8	82.8	14.0	2.9	0.3	82.5	83.1
Hong Kong SAR	557	88.5	88.5	10.2	1.2	0.2	88.9	88.2
Hungary	745	74.7	74.7	19.9	3.4	2.0	75.4	73.9
Iran, Islamic Rep. of	825	53.8	53.8	22.4	21.9	1.9	54.6	53.0
Ireland	647	80.8	80.8	15.5	3.2	0.5	82.5	79.1
Italy	597	62.3	62.3	31.3	5.0	1.4	60.8	63.9
Japan	627	73.7	73.7	23.8	1.5	1.0	72.0	75.4
Kazakhstan	627	31.4	31.4	34.0	33.1	1.6	33.9	29.1
Korea, Rep. of	619	89.6	89.6	9.6	0.8	0.0	87.8	91.3
Kuwait	569	28.3	28.3	45.7	23.3	2.8	31.3	24.7
Lithuania	670	70.3	70.3	26.5	3.3	0.0	68.2	72.1
Malta	511	50.3	50.3	43.4	6.0	0.2	51.7	49.0
Morocco	928	45.8	45.8	35.0	18.7	0.6	45.8	45.8
Netherlands	461	86.4	86.4	11.4	1.5	0.7	83.2	90.2
New Zealand	814	71.6	71.6	19.4	8.1	0.9	68.8	74.4
Northern Ireland	503	76.2	76.2	19.5	2.9	1.3	78.0	74.7
Norway	436	77.1	77.1	15.3	5.9	1.7	76.9	77.4
Oman	1487	52.0	52.0	24.1	22.0	1.9	53.8	50.5
Poland	719	68.3	68.3	26.1	4.4	1.2	66.3	70.2
Portugal	580	70.5	70.5	27.0	1.8	0.8	68.0	72.9
Qatar	596	48.6	48.6	38.3	11.5	1.5	48.8	48.5
Romania	659	67.0	67.0	20.4	11.9	0.8	64.4	69.1
Russian Federation	644	61.2	61.2	28.1	9.9	0.8	61.4	60.9
Saudi Arabia	645	38.5	38.5	40.7	19.6	1.3	36.5	40.5
Serbia	624	81.5	81.5	12.0	5.6	0.9	80.0	82.6
Singapore	915	44.6	44.6	54.2	1.2	0.1	40.1	48.6
Slovak Republic	809	66.7	66.7	29.2	3.9	0.2	62.7	70.7
Slovenia	644	63.6	63.6	31.1	5.1	0.2	66.0	61.5
Spain	613	73.7	73.7	19.8	4.9	1.6	73.3	74.0
Sweden	676	82.8	82.8	12.1	4.2	0.9	83.1	82.5
Thailand	634	62.6	62.6	19.2	15.6	2.6	63.1	62.1
Tunisia	679	46.9	46.9	19.5	28.2	5.5	51.4	42.5
Turkey	1067	60.6	60.6	31.3	7.4	0.6	58.6	62.6
United Arab Emirates	2087	51.7	51.7	33.5	13.0	1.8	53.3	50.1
United States	1762	75.1	75.1	21.2	2.7	1.1	74.0	76.2
Yemen	1115	21.1	21.1	20.6	54.7	3.6	24.0	19.1
International Avg. (50)	36987	64.0	64.0	24.2	10.4	1.4	63.7	64.4
Botswana (6)	595	53.9	53.9	22.4	23.7	0.0	56.0	51.8
Honduras (6)	554	35.8	35.8	24.7	35.3	4.1	37.8	33.6
Yemen (6)	713	45.7	45.7	17.7	35.4	1.3	54.1	39.3
Alberta, Canada	521	81.6	81.6	14.4	2.5	1.5	81.8	81.4
Ontario, Canada	648	74.3	74.3	20.7	2.7	2.3	70.7	77.8
Quebec, Canada	616	76.0	76.0	21.4	2.2	0.4	75.3	76.6
Abu Dhabi, UAE	592	45.6	45.6	38.8	13.6	2.0	47.1	44.2
Dubai, UAE	865	60.4	60.4	28.1	9.9	1.6	58.1	62.2
Florida, US	376	72.0	72.0	21.6	4.2	2.2	70.3	73.8
North Carolina, US	258	66.2	66.2	28.2	4.5	1.0	64.2	68.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08C (S051188C): Physical Science / Knowing
Label: 3: Energy used by people - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	44.7	44.7	12.2	33.5	9.6	43.2	45.9
Australia	890	86.9	86.9	6.7	4.8	1.6	89.0	85.1
Austria	678	91.8	91.8	5.6	2.6	0.0	90.7	92.8
Azerbaijan	695	70.0	70.0	3.8	21.4	4.8	72.6	67.8
Bahrain	574	73.2	73.2	14.3	11.5	1.0	71.7	74.5
Belgium (Flemish)	683	88.6	88.6	9.5	1.2	0.7	86.3	90.9
Chile	794	79.0	79.0	12.0	6.1	2.9	79.9	78.0
Chinese Taipei	603	91.5	91.5	7.7	0.8	0.0	91.4	91.7
Croatia	649	85.9	85.9	10.0	4.2	0.0	86.4	85.4
Czech Republic	647	91.8	91.8	3.7	4.2	0.2	90.1	93.3
Denmark	577	86.4	86.4	6.9	4.4	2.3	85.6	87.4
England	494	86.5	86.5	7.1	5.7	0.6	84.2	88.8
Finland	659	95.2	95.2	3.5	1.1	0.2	95.0	95.3
Georgia	668	60.9	60.9	12.5	23.5	3.1	65.6	56.8
Germany	567	94.3	94.3	3.6	1.9	0.3	92.4	96.0
Hong Kong SAR	557	90.8	90.8	7.8	1.2	0.2	93.5	88.6
Hungary	745	90.7	90.7	4.1	3.1	2.0	91.8	89.7
Iran, Islamic Rep. of	825	76.9	76.9	6.5	14.7	1.9	75.9	78.0
Ireland	647	88.2	88.2	8.6	2.8	0.5	88.3	88.1
Italy	597	88.9	88.9	5.5	4.1	1.4	91.4	86.1
Japan	627	94.1	94.1	3.9	1.1	1.0	94.7	93.4
Kazakhstan	627	75.4	75.4	7.0	15.9	1.6	75.1	75.8
Korea, Rep. of	619	94.7	94.7	4.4	0.9	0.0	93.0	96.3
Kuwait	571	66.4	66.4	12.3	18.6	2.8	73.5	57.6
Lithuania	670	86.1	86.1	10.3	3.6	0.0	84.7	87.4
Malta	511	79.0	79.0	15.9	4.9	0.2	79.6	78.4
Morocco	926	68.6	68.6	16.3	14.5	0.7	69.9	67.3
Netherlands	461	93.5	93.5	4.6	1.3	0.7	92.2	94.8
New Zealand	814	84.1	84.1	8.4	6.7	0.9	81.6	86.5
Northern Ireland	503	88.9	88.9	7.0	2.8	1.3	89.8	88.1
Norway	436	85.8	85.8	7.2	5.3	1.7	86.3	85.2
Oman	1487	71.1	71.1	9.9	17.0	1.9	74.2	68.4
Poland	719	85.5	85.5	9.3	4.0	1.2	84.2	86.7
Portugal	580	88.9	88.9	8.3	1.9	0.8	90.6	87.2
Qatar	596	76.4	76.4	10.7	11.3	1.5	76.3	76.6
Romania	658	76.1	76.1	10.4	12.6	0.8	78.2	74.3
Russian Federation	644	86.4	86.4	7.8	4.9	0.8	86.7	86.2
Saudi Arabia	647	78.5	78.5	8.0	12.3	1.3	85.4	71.3
Serbia	624	83.7	83.7	9.2	6.2	0.9	82.9	84.3
Singapore	915	95.9	95.9	3.1	0.9	0.1	96.9	95.0
Slovak Republic	809	87.6	87.6	8.5	3.7	0.2	89.9	85.3
Slovenia	644	85.0	85.0	11.0	3.8	0.2	85.6	84.4
Spain	613	88.5	88.5	4.8	5.0	1.6	87.7	89.2
Sweden	676	90.1	90.1	5.3	3.7	0.9	89.1	91.0
Thailand	634	77.9	77.9	8.6	11.0	2.6	78.7	77.2
Tunisia	681	54.2	54.2	13.9	26.5	5.5	58.9	49.8
Turkey	1067	87.4	87.4	6.8	5.2	0.6	86.0	88.7
United Arab Emirates	2087	78.1	78.1	11.3	8.8	1.8	80.4	75.9
United States	1762	91.8	91.8	4.7	2.4	1.1	91.9	91.7
Yemen	1115	39.8	39.8	12.8	43.8	3.6	45.6	35.7
International Avg. (50)	36990	82.0	82.0	8.3	8.3	1.4	82.7	81.4
Botswana (6)	595	78.2	78.2	7.8	14.0	0.0	81.7	74.8
Honduras (6)	554	65.5	65.5	8.0	22.4	4.1	65.8	65.1
Yemen (6)	713	61.0	61.0	7.9	29.9	1.3	65.9	57.3
Alberta, Canada	521	94.5	94.5	2.2	1.7	1.5	94.5	94.5
Ontario, Canada	648	90.6	90.6	4.7	2.4	2.3	89.4	91.7
Quebec, Canada	616	91.2	91.2	7.4	1.0	0.4	90.7	91.7
Abu Dhabi, UAE	592	77.8	77.8	12.7	7.5	2.0	80.9	74.9
Dubai, UAE	865	81.5	81.5	9.3	7.6	1.6	80.8	82.0
Florida, US	376	93.0	93.0	1.7	3.0	2.2	95.6	90.5
North Carolina, US	258	87.9	87.9	6.6	4.4	1.0	90.1	85.4

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08D (S051188D): Physical Science / Knowing
Label: 4: Energy used by people - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	40.0	9.0	40.0	41.4	9.6	38.4	41.3
Australia	890	82.2	9.1	82.2	7.1	1.6	85.3	79.5
Austria	678	86.8	6.6	86.8	6.6	0.0	84.8	88.7
Azerbaijan	695	43.9	11.5	43.9	39.9	4.8	45.6	42.4
Bahrain	574	68.5	11.9	68.5	18.7	1.0	72.4	64.8
Belgium (Flemish)	683	84.3	11.3	84.3	3.6	0.7	79.4	89.1
Chile	794	77.4	11.7	77.4	8.0	2.9	75.6	79.5
Chinese Taipei	603	83.0	15.1	83.0	1.9	0.0	81.6	84.3
Croatia	649	86.0	7.1	86.0	6.8	0.0	86.2	85.8
Czech Republic	647	89.4	4.5	89.4	6.0	0.2	87.7	90.8
Denmark	577	86.2	5.2	86.2	6.3	2.3	86.0	86.4
England	494	84.0	7.2	84.0	8.1	0.6	85.5	82.6
Finland	659	92.5	3.7	92.5	3.6	0.2	92.0	92.9
Georgia	668	52.0	12.8	52.0	32.1	3.1	50.1	53.8
Germany	567	88.8	5.2	88.8	5.8	0.3	87.1	90.3
Hong Kong SAR	557	91.1	7.6	91.1	1.1	0.2	92.3	90.2
Hungary	745	82.3	8.8	82.3	7.0	2.0	79.9	84.6
Iran, Islamic Rep. of	824	64.8	7.2	64.8	26.1	1.9	65.7	63.9
Ireland	647	86.9	6.8	86.9	5.8	0.5	90.0	83.9
Italy	597	85.5	5.6	85.5	7.5	1.4	88.4	82.0
Japan	627	88.4	8.4	88.4	2.3	1.0	87.8	88.9
Kazakhstan	627	54.3	7.0	54.3	37.2	1.6	57.3	51.6
Korea, Rep. of	619	83.2	15.1	83.2	1.8	0.0	83.4	83.0
Kuwait	571	54.0	18.2	54.0	25.1	2.8	60.3	46.3
Lithuania	670	82.8	9.8	82.8	7.4	0.0	82.0	83.6
Malta	511	82.0	11.8	82.0	6.0	0.2	83.0	81.0
Morocco	906	53.4	22.7	53.4	23.2	0.7	48.9	58.0
Netherlands	461	90.4	6.4	90.4	2.5	0.7	88.3	93.2
New Zealand	814	78.6	8.7	78.6	11.9	0.9	79.1	78.1
Northern Ireland	503	84.8	9.0	84.8	4.9	1.3	84.0	85.6
Norway	436	80.7	7.1	80.7	10.5	1.7	79.2	82.3
Oman	1487	59.5	11.7	59.5	26.9	1.9	63.3	56.1
Poland	719	82.9	9.1	82.9	6.8	1.2	83.1	82.8
Portugal	580	85.0	10.3	85.0	3.8	0.8	86.9	83.2
Qatar	596	67.7	16.7	67.7	14.1	1.5	70.8	65.2
Romania	657	72.7	5.6	72.7	20.9	0.8	72.8	72.6
Russian Federation	644	79.2	7.6	79.2	12.3	0.8	78.8	79.7
Saudi Arabia	648	61.7	14.9	61.7	22.1	1.3	66.7	56.5
Serbia	624	84.5	3.9	84.5	10.8	0.9	84.7	84.3
Singapore	915	94.2	4.2	94.2	1.6	0.1	95.6	92.9
Slovak Republic	809	89.2	4.8	89.2	5.8	0.2	88.7	89.7
Slovenia	644	87.8	5.4	87.8	6.5	0.2	91.7	84.3
Spain	613	84.4	7.5	84.4	6.5	1.6	83.6	85.1
Sweden	676	84.9	7.1	84.9	7.1	0.9	84.7	85.1
Thailand	634	63.0	15.1	63.0	19.3	2.6	62.6	63.3
Tunisia	680	46.3	16.2	46.3	32.0	5.5	48.9	44.0
Turkey	1067	75.0	13.9	75.0	10.5	0.6	75.1	75.0
United Arab Emirates	2087	70.2	12.3	70.2	15.7	1.8	72.3	68.2
United States	1762	88.7	6.2	88.7	4.0	1.1	88.6	88.9
Yemen	1115	23.5	14.1	23.5	58.8	3.6	27.1	20.9
International Avg. (50)	36968	75.8	9.6	75.8	13.2	1.4	76.3	75.3
Botswana (6)	595	63.7	9.2	63.7	27.1	0.0	67.8	59.7
Honduras (6)	554	47.1	8.4	47.1	40.4	4.1	49.8	44.1
Yemen (6)	713	42.1	10.8	42.1	45.9	1.3	45.3	39.7
Alberta, Canada	521	87.9	6.9	87.9	3.7	1.5	89.0	86.7
Ontario, Canada	648	87.4	5.8	87.4	4.6	2.3	88.6	86.2
Quebec, Canada	616	87.6	8.0	87.6	4.0	0.4	86.8	88.5
Abu Dhabi, UAE	592	67.2	14.6	67.2	16.2	2.0	71.2	63.5
Dubai, UAE	865	75.6	10.6	75.6	12.2	1.6	74.1	76.8
Florida, US	376	87.9	5.0	87.9	4.9	2.2	89.1	86.7
North Carolina, US	258	87.8	4.8	87.8	6.4	1.0	88.8	86.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08E (S051188E): Physical Science / Knowing
Label: 5: Energy used by people - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	47.7	47.7	13.3	29.4	9.6	48.0	47.7
Australia	890	64.6	64.6	28.9	4.9	1.6	64.0	65.1
Austria	678	92.2	92.2	5.3	2.6	0.0	90.4	94.0
Azerbaijan	695	58.6	58.6	10.7	25.9	4.8	57.1	60.0
Bahrain	574	49.1	49.1	34.3	15.6	1.0	51.8	46.6
Belgium (Flemish)	683	81.1	81.1	16.8	1.4	0.7	80.5	81.8
Chile	794	65.2	65.2	25.4	6.5	2.9	61.7	69.1
Chinese Taipei	603	90.9	90.9	8.1	1.0	0.0	89.3	92.3
Croatia	649	77.6	77.6	17.9	4.5	0.0	76.5	78.6
Czech Republic	647	71.0	71.0	24.7	4.1	0.2	68.3	73.3
Denmark	577	79.5	79.5	13.4	4.8	2.3	81.6	77.1
England	494	63.6	63.6	29.6	6.1	0.6	65.1	62.2
Finland	659	90.2	90.2	7.7	1.9	0.2	91.0	89.4
Georgia	668	72.8	72.8	8.7	15.4	3.1	76.7	69.3
Germany	567	84.4	84.4	12.7	2.6	0.3	83.4	85.4
Hong Kong SAR	557	90.5	90.5	8.1	1.2	0.2	88.2	92.3
Hungary	745	79.4	79.4	14.3	4.3	2.0	79.8	79.0
Iran, Islamic Rep. of	825	60.9	60.9	16.1	21.1	1.9	60.8	60.9
Ireland	647	74.8	74.8	20.9	3.8	0.5	68.4	81.1
Italy	597	76.5	76.5	18.3	3.8	1.4	78.2	74.5
Japan	627	82.6	82.6	15.4	1.0	1.0	82.4	82.7
Kazakhstan	627	48.3	48.3	21.8	28.3	1.6	47.1	49.5
Korea, Rep. of	619	87.2	87.2	11.4	1.3	0.0	85.4	89.0
Kuwait	569	39.4	39.4	34.1	23.7	2.8	42.7	35.4
Lithuania	670	78.3	78.3	17.0	4.6	0.0	72.5	83.4
Malta	511	61.8	61.8	33.7	4.3	0.2	62.1	61.4
Morocco	928	58.5	58.5	24.5	16.5	0.6	56.8	60.2
Netherlands	461	72.1	72.1	25.3	2.0	0.7	69.8	74.3
New Zealand	814	72.8	72.8	18.8	7.5	0.9	74.4	71.3
Northern Ireland	503	59.7	59.7	35.5	3.5	1.3	62.7	57.0
Norway	436	85.1	85.1	6.8	6.4	1.7	87.0	82.9
Oman	1487	60.5	60.5	16.6	20.9	1.9	62.6	58.7
Poland	719	72.4	72.4	22.6	3.8	1.2	68.5	76.1
Portugal	580	73.4	73.4	23.5	2.3	0.8	74.3	72.5
Qatar	596	60.4	60.4	26.7	11.3	1.5	63.3	58.0
Romania	657	71.7	71.7	16.1	11.5	0.8	65.9	76.4
Russian Federation	644	66.2	66.2	25.3	7.7	0.8	66.3	66.2
Saudi Arabia	647	56.3	56.3	23.8	18.7	1.3	58.1	54.4
Serbia	624	86.5	86.5	7.9	4.7	0.9	85.2	87.5
Singapore	915	33.9	33.9	64.6	1.4	0.1	29.6	37.9
Slovak Republic	809	78.7	78.7	18.0	3.1	0.2	73.9	83.4
Slovenia	644	80.4	80.4	15.0	4.3	0.2	80.5	80.3
Spain	613	74.2	74.2	19.1	5.0	1.6	73.5	74.8
Sweden	676	89.4	89.4	6.5	3.2	0.9	89.2	89.7
Thailand	634	63.1	63.1	18.8	15.5	2.6	61.0	65.2
Tunisia	682	35.2	35.2	29.7	29.7	5.4	39.5	31.1
Turkey	1066	67.5	67.5	24.6	7.3	0.6	66.6	68.5
United Arab Emirates	2087	57.9	57.9	27.8	12.5	1.8	57.7	58.0
United States	1762	72.8	72.8	22.9	3.2	1.1	73.7	71.8
Yemen	1115	25.0	25.0	13.9	57.5	3.6	29.1	22.1
International Avg. (50)	36989	68.8	68.8	20.1	9.7	1.4	68.4	69.2
Botswana (6)	595	56.1	56.1	20.8	23.1	0.0	55.3	56.9
Honduras (6)	554	55.9	55.9	15.0	24.9	4.1	55.0	57.0
Yemen (6)	713	37.5	37.5	21.3	40.0	1.3	38.5	36.7
Alberta, Canada	521	68.1	68.1	27.2	3.2	1.5	69.7	66.6
Ontario, Canada	648	71.8	71.8	23.7	2.2	2.3	73.0	70.7
Quebec, Canada	616	87.9	87.9	9.9	1.8	0.4	89.5	86.2
Abu Dhabi, UAE	592	50.2	50.2	33.3	14.5	2.0	53.1	47.4
Dubai, UAE	865	69.4	69.4	20.8	8.2	1.6	70.0	69.0
Florida, US	376	70.4	70.4	23.3	4.1	2.2	67.7	73.0
North Carolina, US	258	65.7	65.7	28.3	5.0	1.0	69.3	61.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_08Z (S051188Z): Physical Science / Knowing
Label: Energy used by people- DERIVED - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	18.0	58.0	14.4	9.6	18.0	18.3	17.9
Australia	890	40.7	54.7	3.0	1.6	40.7	41.2	40.3
Austria	678	65.7	32.7	1.6	0.0	65.7	59.9	71.4
Azerbaijan	695	28.5	56.4	10.3	4.8	28.5	29.0	28.0
Bahrain	574	20.1	72.1	6.8	1.0	20.1	21.0	19.3
Belgium (Flemish)	683	53.5	44.8	0.9	0.7	53.5	48.9	58.0
Chile	794	32.9	59.0	5.1	2.9	32.9	26.9	39.7
Chinese Taipei	603	61.1	38.5	0.5	0.0	61.1	53.3	67.6
Croatia	649	50.7	46.9	2.4	0.0	50.7	49.8	51.5
Czech Republic	647	55.3	42.7	1.8	0.2	55.3	50.3	59.5
Denmark	577	56.5	38.4	2.7	2.3	56.5	56.5	56.5
England	494	38.5	57.6	3.3	0.6	38.5	35.6	41.4
Finland	659	77.4	21.6	0.7	0.2	77.4	73.6	80.7
Georgia	668	22.2	69.2	5.5	3.1	22.2	23.5	21.0
Germany	567	63.7	34.7	1.3	0.3	63.7	58.8	68.3
Hong Kong SAR	557	71.7	27.2	0.9	0.2	71.7	70.5	72.7
Hungary	745	56.8	40.2	1.1	2.0	56.8	56.1	57.4
Iran, Islamic Rep. of	824	34.9	56.3	6.9	1.9	34.9	34.6	35.2
Ireland	647	51.2	47.6	0.7	0.5	51.2	46.1	56.2
Italy	597	46.4	50.6	1.6	1.4	46.4	46.3	46.5
Japan	627	55.8	42.7	0.6	1.0	55.8	54.1	57.5
Kazakhstan	627	20.2	75.0	3.3	1.6	20.2	22.3	18.2
Korea, Rep. of	619	64.2	35.4	0.3	0.0	64.2	60.6	67.7
Kuwait	565	8.1	76.8	12.3	2.8	8.1	10.9	4.5
Lithuania	670	48.8	49.1	2.1	0.0	48.8	44.4	52.6
Malta	511	24.8	71.7	3.3	0.2	24.8	24.8	24.8
Morocco	848	14.8	79.0	5.6	0.6	14.8	11.7	18.0
Netherlands	461	58.2	40.0	1.1	0.7	58.2	52.9	64.1
New Zealand	814	44.5	50.8	3.8	0.9	44.5	42.8	46.1
Northern Ireland	503	41.4	55.6	1.7	1.3	41.4	42.6	40.3
Norway	436	57.0	38.8	2.4	1.7	57.0	58.1	55.9
Oman	1487	31.3	58.9	7.9	1.9	31.3	35.0	28.0
Poland	719	47.6	49.3	1.9	1.2	47.6	44.9	50.2
Portugal	580	47.2	51.1	0.8	0.8	47.2	46.7	47.7
Qatar	596	26.4	64.6	7.4	1.5	26.4	26.7	26.2
Romania	656	43.8	50.5	4.9	0.8	43.8	41.0	46.1
Russian Federation	644	38.7	58.8	1.6	0.8	38.7	35.5	41.9
Saudi Arabia	632	20.3	74.8	3.6	1.3	20.3	19.1	21.5
Serbia	624	64.1	32.1	2.9	0.9	64.1	61.8	65.9
Singapore	915	20.5	79.3	0.2	0.1	20.5	15.4	25.1
Slovak Republic	809	51.4	47.2	1.2	0.2	51.4	45.1	57.6
Slovenia	643	52.4	45.1	2.3	0.2	52.4	53.3	51.6
Spain	613	53.6	42.2	2.6	1.6	53.6	50.2	56.5
Sweden	676	64.8	32.1	2.1	0.9	64.8	63.7	65.9
Thailand	634	37.9	54.1	5.4	2.6	37.9	34.1	41.7
Tunisia	679	14.5	58.1	21.9	5.5	14.5	18.3	10.9
Turkey	1066	36.2	60.0	3.2	0.6	36.2	34.5	37.8
United Arab Emirates	2087	24.5	70.7	3.0	1.8	24.5	24.7	24.2
United States	1762	52.3	45.5	1.2	1.1	52.3	49.2	55.6
Yemen	1115	5.0	64.4	27.0	3.6	5.0	7.0	3.6
International Avg. (50)	36884	42.3	52.1	4.2	1.4	42.3	40.6	43.9
Botswana (6)	595	30.1	63.1	6.9	0.0	30.1	30.8	29.3
Honduras (6)	554	18.9	70.7	6.3	4.1	18.9	21.6	15.8
Yemen (6)	713	13.9	67.3	17.5	1.3	13.9	17.5	11.1
Alberta, Canada	521	53.6	43.7	1.2	1.5	53.6	57.0	50.3
Ontario, Canada	648	48.5	48.0	1.3	2.3	48.5	47.3	49.6
Quebec, Canada	616	57.6	41.2	0.7	0.4	57.6	54.7	60.6
Abu Dhabi, UAE	592	16.3	78.4	3.4	2.0	16.3	19.0	13.7
Dubai, UAE	865	35.7	60.2	2.5	1.6	35.7	34.4	36.8
Florida, US	376	52.2	42.8	2.8	2.2	52.2	46.8	57.5
North Carolina, US	258	41.6	54.8	2.6	1.0	41.6	43.0	40.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_10 (S051201): Physical Science / Applying
Label: Sweater around bottle of water - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	35.1	18.6	35.1	11.1	35.1	31.8	37.9
Australia	890	50.9	40.0	6.7	2.4	50.9	54.2	48.1
Austria	678	47.3	31.3	21.5	0.0	47.3	42.6	51.8
Azerbaijan	695	16.6	27.5	49.0	6.9	16.6	19.2	14.4
Bahrain	574	27.7	52.7	17.8	1.7	27.7	34.2	21.5
Belgium (Flemish)	683	52.1	42.8	4.3	0.7	52.1	54.9	49.4
Chile	794	36.6	46.5	12.3	4.5	36.6	35.7	37.5
Chinese Taipei	603	28.3	55.8	15.9	0.0	28.3	31.3	25.8
Croatia	649	51.5	30.7	17.8	0.0	51.5	56.6	46.6
Czech Republic	647	44.7	40.8	13.8	0.7	44.7	42.7	46.4
Denmark	577	50.2	38.9	7.9	3.0	50.2	50.6	49.7
England	494	49.8	42.7	6.5	1.0	49.8	47.4	52.0
Finland	659	63.6	24.9	11.3	0.2	63.6	66.4	61.4
Georgia	679	26.3	41.9	28.1	3.7	26.3	27.1	25.7
Germany	567	39.0	37.8	22.6	0.6	39.0	36.7	41.1
Hong Kong SAR	557	14.4	69.5	15.8	0.3	14.4	13.3	15.3
Hungary	745	45.7	39.0	12.8	2.4	45.7	44.8	46.6
Iran, Islamic Rep. of	825	28.7	49.3	18.9	3.1	28.7	28.8	28.5
Ireland	647	60.5	33.7	5.2	0.6	60.5	65.0	56.1
Italy	597	41.6	38.7	18.3	1.4	41.6	44.3	38.5
Japan	627	46.1	47.1	5.8	1.0	46.1	45.3	46.8
Kazakhstan	627	46.2	34.9	16.9	1.9	46.2	46.7	45.8
Korea, Rep. of	619	65.9	33.1	1.1	0.0	65.9	64.2	67.5
Kuwait	586	9.2	45.9	40.5	4.4	9.2	11.9	6.0
Lithuania	670	50.3	38.7	10.8	0.3	50.3	53.7	47.3
Malta	511	22.8	55.2	21.3	0.8	22.8	20.6	24.9
Morocco	1118	2.3	37.8	55.9	4.0	2.3	2.0	2.7
Netherlands	461	54.7	41.0	3.7	0.7	54.7	54.5	55.2
New Zealand	814	47.6	41.0	10.0	1.3	47.6	51.8	43.6
Northern Ireland	503	58.8	34.4	5.5	1.3	58.8	59.1	58.5
Norway	436	36.7	45.5	14.9	2.9	36.7	37.7	35.7
Oman	1487	8.3	53.2	35.5	2.9	8.3	9.3	7.5
Poland	719	44.5	34.0	20.0	1.5	44.5	47.0	42.1
Portugal	580	53.5	38.9	6.1	1.5	53.5	56.3	50.7
Qatar	596	17.9	55.5	24.9	1.7	17.9	20.4	15.7
Romania	660	54.6	28.4	15.7	1.2	54.6	53.5	55.5
Russian Federation	644	45.6	40.9	12.3	1.2	45.6	46.9	44.2
Saudi Arabia	658	26.5	50.4	21.5	1.6	26.5	29.1	23.8
Serbia	624	28.4	51.5	18.6	1.6	28.4	25.3	30.8
Singapore	915	56.2	42.4	1.4	0.1	56.2	53.3	58.8
Slovak Republic	809	49.9	37.4	12.4	0.3	49.9	48.8	50.9
Slovenia	644	34.8	46.4	18.2	0.6	34.8	35.8	33.9
Spain	613	37.6	43.2	16.8	2.3	37.6	34.7	40.3
Sweden	676	47.6	38.6	12.7	1.0	47.6	48.7	46.5
Thailand	634	7.5	79.8	9.9	2.7	7.5	6.6	8.5
Tunisia	685	14.1	49.2	28.0	8.8	14.1	18.4	9.9
Turkey	1067	30.7	58.0	10.6	0.7	30.7	26.5	34.8
United Arab Emirates	2087	20.3	51.1	26.4	2.3	20.3	23.0	17.6
United States	1762	48.5	47.0	3.1	1.4	48.5	50.3	46.4
Yemen	1114	2.5	38.3	54.6	4.7	2.5	2.6	2.5
International Avg. (50)	37224	37.6	42.8	17.5	2.0	37.6	38.2	37.0
Botswana (6)	595	5.8	87.2	7.0	0.0	5.8	5.8	5.8
Honduras (6)	554	26.4	49.6	18.6	5.4	26.4	28.4	24.2
Yemen (6)	713	10.0	56.5	31.6	2.0	10.0	9.5	10.3
Alberta, Canada	521	57.2	37.3	3.6	1.9	57.2	60.2	54.2
Ontario, Canada	648	51.8	40.2	5.4	2.7	51.8	53.1	50.6
Quebec, Canada	616	44.5	46.2	8.6	0.6	44.5	47.1	41.9
Abu Dhabi, UAE	592	16.1	52.9	28.2	2.8	16.1	18.6	13.8
Dubai, UAE	865	27.3	49.6	21.2	1.9	27.3	31.4	24.0
Florida, US	376	45.6	47.2	4.6	2.7	45.6	48.6	42.6
North Carolina, US	258	46.9	47.1	4.5	1.5	46.9	47.0	46.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S10_11 (S051102): Earth Science / Knowing
Label: Direction water flows - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	49.7	49.7	10.1	8.2	11.0	8.3	12.7	50.7	48.9
Australia	890	57.6	57.6	8.6	15.0	13.4	3.0	2.4	53.6	61.1
Austria	678	76.7	76.7	2.3	9.0	9.4	2.6	0.0	70.9	82.3
Azerbaijan	695	61.7	61.7	7.8	7.9	7.1	6.7	8.8	63.2	60.3
Bahrain	574	33.7	33.7	14.2	29.0	17.5	3.9	1.7	33.9	33.5
Belgium (Flemish)	683	60.3	60.3	11.0	14.4	11.2	2.3	0.7	52.3	67.9
Chile	794	49.1	49.1	10.6	17.5	15.7	2.1	5.1	43.9	54.9
Chinese Taipei	603	79.8	79.8	10.1	5.4	3.8	0.8	0.0	74.3	84.5
Croatia	649	69.6	69.6	5.1	14.1	9.1	1.7	0.4	70.0	69.2
Czech Republic	647	77.6	77.6	3.8	10.5	5.6	1.6	0.9	74.5	80.3
Denmark	577	53.8	53.8	10.5	13.5	14.2	5.1	3.0	48.1	60.2
England	494	57.1	57.1	9.8	16.6	13.1	2.4	1.0	58.0	56.3
Finland	659	64.4	64.4	8.2	13.3	11.5	2.3	0.3	59.6	68.4
Georgia	679	61.4	61.4	7.1	10.8	10.8	5.3	4.5	59.7	62.9
Germany	567	67.7	67.7	5.5	12.9	9.5	3.7	0.6	60.9	74.1
Hong Kong SAR	557	69.5	69.5	11.8	9.3	7.9	1.2	0.3	63.8	74.1
Hungary	745	66.6	66.6	4.9	11.9	10.6	2.6	3.5	62.4	70.7
Iran, Islamic Rep. of	825	65.0	65.0	10.8	10.8	6.8	3.3	3.4	61.3	68.7
Ireland	647	61.8	61.8	7.1	16.3	12.5	1.8	0.6	58.2	65.2
Italy	597	75.5	75.5	4.7	6.8	9.0	2.0	1.9	75.0	76.0
Japan	627	80.5	80.5	5.1	4.8	8.5	0.1	1.0	76.4	84.6
Kazakhstan	627	61.3	61.3	4.4	10.1	20.6	1.1	2.4	59.0	63.5
Korea, Rep. of	619	81.5	81.5	5.1	6.9	6.0	0.5	0.0	79.5	83.4
Kuwait	576	22.8	22.8	21.3	31.6	12.7	7.7	3.9	19.2	27.2
Lithuania	670	47.9	47.9	8.6	22.6	18.0	2.6	0.3	44.6	50.8
Malta	511	50.2	50.2	9.6	14.3	19.3	5.9	0.8	49.8	50.5
Morocco	954	35.9	35.9	19.2	27.0	12.8	3.2	1.9	36.0	35.8
Netherlands	461	74.4	74.4	5.9	7.5	10.4	1.2	0.7	69.3	80.3
New Zealand	814	53.9	53.9	7.5	18.8	13.4	4.7	1.7	45.6	61.9
Northern Ireland	503	51.6	51.6	11.0	18.3	15.2	2.5	1.3	45.3	57.3
Norway	436	69.6	69.6	5.3	6.8	11.4	3.7	3.1	60.0	80.3
Oman	1487	37.9	37.9	16.5	23.3	14.3	4.7	3.4	37.9	37.9
Poland	719	71.7	71.7	4.2	9.1	10.7	2.2	2.1	68.9	74.3
Portugal	580	70.1	70.1	4.1	14.0	9.2	1.0	1.6	66.0	74.1
Qatar	596	37.2	37.2	14.8	25.9	16.7	3.2	2.2	34.1	39.9
Romania	659	65.4	65.4	4.5	9.7	14.1	4.9	1.4	60.5	69.4
Russian Federation	644	66.4	66.4	4.3	11.7	15.0	0.8	1.7	70.0	62.9
Saudi Arabia	657	34.6	34.6	12.3	35.9	13.5	1.4	2.2	30.3	39.1
Serbia	624	68.6	68.6	5.3	9.4	11.3	3.5	1.7	67.0	70.0
Singapore	915	46.0	46.0	15.3	17.8	20.5	0.3	0.1	36.7	54.5
Slovak Republic	809	75.5	75.5	6.9	9.9	6.5	0.8	0.5	72.8	78.1
Slovenia	643	59.7	59.7	6.2	13.8	15.5	3.8	1.1	56.3	62.8
Spain	613	68.0	68.0	6.0	11.9	8.6	2.8	2.6	65.0	70.7
Sweden	676	57.0	57.0	9.2	14.1	15.3	3.3	1.1	55.5	58.5
Thailand	634	51.1	51.1	11.1	13.2	20.2	1.3	3.1	53.2	49.0
Tunisia	668	21.2	21.2	14.1	29.9	12.7	12.0	10.1	22.8	19.8
Turkey	1067	42.0	42.0	17.0	21.0	18.0	0.9	1.1	42.5	41.6
United Arab Emirates	2087	44.0	44.0	13.9	20.4	15.1	4.1	2.6	38.5	49.2
United States	1762	57.6	57.6	7.4	21.7	10.3	1.3	1.7	56.4	59.0
Yemen	1115	20.6	20.6	18.5	30.0	14.5	11.4	5.0	20.4	20.7
International Avg. (50)	37031	57.7	57.7	9.2	15.3	12.4	3.2	2.3	54.7	60.5
Botswana (6)	595	29.0	29.0	18.1	24.7	27.3	0.7	0.1	25.9	32.1
Honduras (6)	554	46.3	46.3	12.1	18.6	10.7	6.2	6.1	43.4	49.6
Yemen (6)	713	32.5	32.5	9.2	32.1	18.4	5.4	2.5	30.4	34.0
Alberta, Canada	521	58.8	58.8	7.6	16.4	14.2	1.2	1.9	54.5	63.1
Ontario, Canada	648	40.5	40.5	8.6	30.9	14.5	2.7	2.8	34.4	46.4
Quebec, Canada	616	57.5	57.5	7.1	17.3	14.0	3.0	1.1	53.0	62.2
Abu Dhabi, UAE	592	40.4	40.4	15.5	21.7	15.5	3.6	3.2	37.5	43.2
Dubai, UAE	865	54.1	54.1	11.6	16.5	12.4	3.5	1.9	44.7	61.8
Florida, US	376	45.3	45.3	11.2	26.6	11.7	2.5	2.7	40.1	50.5
North Carolina, US	258	51.2	51.2	8.4	23.3	13.1	2.5	1.5	40.1	63.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S10_12 (S051095): Earth Science / Reasoning
Label: Air inside the balloon - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	718	42.7	40.1	4.2	13.0	42.7	50.3	36.2
Australia	890	59.6	36.3	1.5	2.6	59.6	61.6	58.0
Austria	678	60.2	38.7	1.1	0.0	60.2	64.5	56.0
Azerbaijan	695	27.4	54.8	9.0	8.9	27.4	31.5	23.8
Bahrain	574	47.4	47.3	3.2	2.1	47.4	54.4	40.6
Belgium (Flemish)	683	72.5	25.2	1.1	1.3	72.5	74.8	70.3
Chile	794	65.4	27.6	1.6	5.4	65.4	67.2	63.4
Chinese Taipei	603	47.7	42.5	9.8	0.0	47.7	51.9	44.1
Croatia	649	61.2	37.3	1.0	0.4	61.2	63.0	59.5
Czech Republic	647	61.2	37.4	0.5	0.9	61.2	69.6	54.0
Denmark	576	58.7	37.7	0.5	3.1	58.7	62.5	54.3
England	494	65.8	31.9	1.0	1.3	65.8	72.6	59.2
Finland	659	59.8	39.8	0.1	0.3	59.8	63.1	57.0
Georgia	679	42.4	47.6	5.3	4.8	42.4	46.7	38.8
Germany	567	55.4	42.5	0.9	1.2	55.4	60.5	50.5
Hong Kong SAR	557	47.6	51.2	0.9	0.3	47.6	52.7	43.5
Hungary	745	62.3	33.6	0.3	3.8	62.3	67.4	57.4
Iran, Islamic Rep. of	825	54.5	40.5	1.3	3.7	54.5	59.2	49.7
Ireland	647	63.4	34.4	1.4	0.7	63.4	73.7	53.4
Italy	596	66.4	30.9	0.7	2.1	66.4	67.7	64.7
Japan	627	81.9	17.1	0.0	1.0	81.9	82.1	81.6
Kazakhstan	626	59.9	27.7	9.9	2.5	59.9	63.5	56.6
Korea, Rep. of	619	81.7	18.0	0.3	0.0	81.7	83.5	80.0
Kuwait	587	12.0	77.3	5.5	5.3	12.0	15.6	7.6
Lithuania	670	65.6	32.9	1.1	0.4	65.6	71.1	60.8
Malta	511	49.1	48.4	1.8	0.8	49.1	54.5	43.8
Morocco	1122	1.2	82.3	9.8	6.7	1.2	0.6	1.7
Netherlands	461	65.3	33.4	0.7	0.7	65.3	69.7	61.1
New Zealand	814	64.8	33.0	0.3	1.9	64.8	69.6	60.1
Northern Ireland	503	57.6	40.7	0.4	1.3	57.6	61.6	54.0
Norway	436	50.5	45.8	0.6	3.1	50.5	60.4	39.5
Oman	1487	26.8	66.5	3.2	3.5	26.8	32.6	21.6
Poland	719	44.7	51.7	1.5	2.1	44.7	46.9	42.6
Portugal	580	74.9	22.1	1.3	1.7	74.9	76.7	73.1
Qatar	596	29.3	67.0	1.4	2.2	29.3	32.9	26.4
Romania	660	56.2	40.0	2.3	1.5	56.2	61.7	51.8
Russian Federation	644	67.4	30.1	0.8	1.7	67.4	72.3	62.5
Saudi Arabia	658	39.5	55.7	2.6	2.2	39.5	46.2	32.6
Serbia	624	65.3	32.5	0.5	1.7	65.3	62.8	67.2
Singapore	915	78.9	20.6	0.4	0.1	78.9	80.3	77.7
Slovak Republic	809	68.1	30.3	1.1	0.5	68.1	71.1	65.0
Slovenia	644	59.7	38.4	0.8	1.1	59.7	62.7	57.0
Spain	613	53.7	41.7	1.9	2.6	53.7	57.7	50.2
Sweden	676	64.4	33.5	1.0	1.1	64.4	72.1	56.5
Thailand	634	44.9	49.9	2.2	3.1	44.9	51.2	38.6
Tunisia	685	29.8	57.7	2.2	10.3	29.8	37.3	22.7
Turkey	1067	59.9	37.9	1.0	1.2	59.9	64.5	55.5
United Arab Emirates	2087	37.8	57.5	2.0	2.8	37.8	43.6	32.3
United States	1762	59.2	38.4	0.5	1.9	59.2	61.6	56.7
Yemen	1115	4.7	82.5	7.5	5.3	4.7	5.5	4.1
International Avg. (50)	37227	53.5	41.8	2.2	2.5	53.5	57.7	49.5
Botswana (6)	595	40.5	55.5	3.7	0.3	40.5	45.9	35.2
Honduras (6)	554	50.0	41.7	2.1	6.3	50.0	55.3	43.9
Yemen (6)	713	29.0	65.8	2.7	2.5	29.0	33.5	25.6
Alberta, Canada	521	54.9	41.3	1.9	1.9	54.9	56.7	53.0
Ontario, Canada	648	61.8	33.3	1.4	3.4	61.8	64.0	59.8
Quebec, Canada	616	60.2	37.5	0.9	1.5	60.2	65.0	55.1
Abu Dhabi, UAE	592	34.8	59.8	2.2	3.2	34.8	43.1	27.0
Dubai, UAE	865	43.1	53.4	1.3	2.2	43.1	48.2	39.1
Florida, US	376	61.3	34.8	1.0	2.9	61.3	69.3	53.5
North Carolina, US	258	59.6	37.6	0.9	1.9	59.6	57.5	61.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_01 (S041027): Life Science / Knowing
Label: Ecosystem and name of animal - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	80.1	13.9	4.7	1.3	80.1	79.5	80.6
Australia	885	94.4	4.4	1.0	0.1	94.4	96.8	92.3
Austria	660	92.8	6.8	0.5	0.0	92.8	92.7	92.8
Azerbaijan	689	67.8	22.1	8.8	1.3	67.8	69.3	66.3
Bahrain	570	64.0	34.5	1.2	0.3	64.0	65.1	62.8
Belgium (Flemish)	682	91.4	8.3	0.2	0.0	91.4	87.8	95.3
Chile	791	85.9	12.4	1.3	0.5	85.9	86.9	84.7
Chinese Taipei	609	94.5	5.2	0.3	0.0	94.5	93.6	95.2
Croatia	650	96.1	3.9	0.0	0.0	96.1	95.0	97.3
Czech Republic	646	96.8	3.1	0.1	0.0	96.8	96.8	96.8
Denmark	562	90.6	8.1	1.3	0.0	90.6	90.9	90.2
England	496	94.6	5.0	0.3	0.0	94.6	95.7	93.6
Finland	667	95.1	4.1	0.8	0.0	95.1	95.9	94.3
Georgia	684	84.2	13.2	2.2	0.4	84.2	86.5	82.1
Germany	567	93.6	5.5	0.6	0.4	93.6	95.2	92.1
Hong Kong SAR	563	96.4	3.3	0.2	0.0	96.4	95.0	97.5
Hungary	752	95.2	3.7	0.6	0.5	95.2	95.5	94.9
Iran, Islamic Rep. of	819	77.6	20.8	1.0	0.7	77.6	77.2	78.1
Ireland	660	93.1	5.2	1.7	0.0	93.1	92.9	93.2
Italy	598	86.5	13.0	0.3	0.1	86.5	84.7	88.6
Japan	624	96.6	3.4	0.0	0.0	96.6	96.2	97.0
Kazakhstan	625	69.0	27.0	3.2	0.7	69.0	66.8	71.1
Korea, Rep. of	614	86.9	13.0	0.1	0.0	86.9	87.9	85.8
Kuwait	593	41.5	52.4	5.3	0.8	41.5	44.9	37.4
Lithuania	657	96.2	3.4	0.4	0.0	96.2	93.5	98.4
Malta	515	77.8	21.3	0.8	0.2	77.8	77.6	78.0
Morocco	1129	36.2	57.0	5.0	1.9	36.2	38.0	34.1
Netherlands	459	94.3	5.3	0.4	0.0	94.3	93.5	95.2
New Zealand	800	93.6	5.6	0.6	0.3	93.6	93.6	93.6
Northern Ireland	499	92.6	6.9	0.3	0.2	92.6	93.9	91.4
Norway	440	92.9	6.2	0.9	0.0	92.9	93.7	92.2
Oman	1481	59.4	38.9	1.1	0.5	59.4	62.5	56.8
Poland	712	94.1	5.4	0.3	0.2	94.1	93.9	94.4
Portugal	592	82.0	17.1	0.6	0.3	82.0	81.2	82.6
Qatar	586	62.2	36.2	1.5	0.1	62.2	61.4	63.0
Romania	666	80.5	15.7	3.1	0.8	80.5	80.8	80.2
Russian Federation	645	85.4	14.5	0.1	0.0	85.4	82.9	87.9
Saudi Arabia	660	58.8	39.6	1.4	0.1	58.8	60.3	57.3
Serbia	631	90.8	7.4	1.6	0.2	90.8	88.4	92.9
Singapore	915	94.1	5.3	0.5	0.0	94.1	93.0	95.2
Slovak Republic	814	91.5	8.0	0.3	0.2	91.5	92.4	90.8
Slovenia	644	82.4	15.8	1.7	0.1	82.4	83.7	81.2
Spain	602	88.4	8.4	2.9	0.2	88.4	88.0	88.9
Sweden	632	95.3	4.0	0.6	0.0	95.3	96.3	94.4
Thailand	641	71.0	27.0	2.0	0.0	71.0	67.1	74.9
Tunisia	690	48.3	46.8	2.1	2.7	48.3	46.9	49.7
Turkey	1070	65.5	33.8	0.6	0.1	65.5	63.8	67.1
United Arab Emirates	2091	74.1	24.6	0.9	0.4	74.1	76.0	72.2
United States	1776	97.0	2.3	0.5	0.2	97.0	96.7	97.4
Yemen	1124	21.1	68.3	9.7	0.8	21.1	22.5	20.2
International Avg. (50)	37188	81.8	16.3	1.5	0.3	81.8	81.8	81.8
Botswana (6)	604	40.6	57.8	1.5	0.0	40.6	40.5	40.7
Honduras (6)	547	63.8	31.4	3.7	1.1	63.8	63.4	64.4
Yemen (6)	716	34.8	61.6	3.6	0.0	34.8	35.6	34.1
Alberta, Canada	527	95.7	1.8	2.2	0.4	95.7	95.1	96.3
Ontario, Canada	657	95.4	2.4	1.4	0.7	95.4	94.1	96.7
Quebec, Canada	610	95.8	3.3	0.9	0.0	95.8	95.8	95.8
Abu Dhabi, UAE	589	69.1	29.2	1.3	0.5	69.1	72.2	66.1
Dubai, UAE	870	83.7	15.5	0.5	0.3	83.7	88.7	79.4
Florida, US	370	96.9	2.8	0.3	0.0	96.9	97.7	96.2
North Carolina, US	253	97.3	2.2	0.4	0.0	97.3	95.4	99.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_02 (S041043): Life Science / Knowing

Label: How to protect teeth from decay - Points: 1

COUNTRY	N	10 %	11 %	12 %	19 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	12.9	16.7	6.4	9.8	21.7	30.6	1.9	45.8	48.7	43.4
Australia	885	11.0	35.9	3.7	4.4	36.9	7.8	0.3	55.1	61.1	49.7
Austria	660	37.9	20.6	9.0	1.0	19.1	12.3	0.0	68.6	72.4	65.5
Azerbaijan	689	16.5	7.0	7.9	17.6	12.9	36.5	1.5	49.1	53.9	44.3
Bahrain	570	23.9	15.5	1.2	7.5	34.4	17.0	0.5	48.1	57.5	38.7
Belgium (Flemish)	682	42.4	14.1	9.4	0.4	27.4	6.4	0.0	66.3	74.7	57.4
Chile	791	28.9	14.2	6.4	2.2	37.4	9.7	1.2	51.7	56.2	46.8
Chinese Taipei	609	23.7	40.4	13.5	0.4	15.1	6.8	0.0	78.1	86.2	71.2
Croatia	650	33.4	5.3	24.2	0.7	29.7	6.8	0.0	63.5	68.8	58.3
Czech Republic	646	39.1	26.8	6.1	0.2	18.0	9.8	0.0	72.1	76.9	68.1
Denmark	562	29.0	23.9	6.5	2.3	29.7	8.1	0.5	61.7	61.6	61.8
England	496	20.5	33.0	1.5	3.4	33.2	8.4	0.0	58.4	60.6	56.2
Finland	667	38.3	36.3	3.2	2.2	13.4	6.6	0.0	80.0	88.0	72.8
Georgia	684	22.5	8.3	6.5	6.2	32.0	23.7	0.9	43.4	47.9	39.2
Germany	567	42.3	18.3	7.6	0.2	18.9	12.4	0.4	68.4	71.1	65.9
Hong Kong SAR	563	21.7	27.4	18.6	5.2	24.5	2.7	0.0	72.9	73.6	72.3
Hungary	752	43.7	17.0	5.1	1.2	24.3	8.0	0.7	66.9	68.8	64.8
Iran, Islamic Rep. of	819	31.4	18.9	3.4	9.3	20.3	15.9	0.8	63.1	69.4	56.8
Ireland	660	21.6	30.7	2.3	5.8	32.6	6.3	0.8	60.4	65.2	55.5
Italy	598	33.1	21.8	5.2	1.2	27.2	11.1	0.4	61.3	63.7	58.6
Japan	624	35.0	18.6	3.9	5.3	35.3	2.0	0.0	62.7	61.7	63.6
Kazakhstan	625	22.6	18.0	6.9	14.8	22.2	14.3	1.3	62.2	61.8	62.7
Korea, Rep. of	614	49.5	10.0	12.2	3.4	23.2	1.7	0.0	75.1	75.8	74.4
Kuwait	591	16.2	10.5	2.6	3.4	22.4	43.7	1.2	32.7	42.7	20.5
Lithuania	657	32.7	23.6	5.8	0.5	30.2	7.3	0.0	62.6	65.0	60.6
Malta	515	29.7	16.3	4.5	4.8	31.2	13.4	0.2	55.2	62.1	48.0
Morocco	1129	6.7	5.1	0.8	0.6	30.0	54.4	2.3	13.2	15.1	11.2
Netherlands	459	30.4	32.5	9.4	1.1	20.6	5.9	0.0	73.6	75.9	71.6
New Zealand	800	12.7	30.1	3.4	0.3	45.7	7.6	0.3	46.5	47.2	45.7
Northern Ireland	499	23.0	35.6	2.5	3.5	27.6	7.5	0.2	64.7	68.7	61.2
Norway	440	19.2	51.7	2.4	0.6	20.1	5.9	0.0	73.9	79.5	68.8
Oman	1481	23.7	20.6	1.0	5.0	23.3	25.5	0.9	50.3	62.7	39.5
Poland	712	37.5	22.6	11.6	0.5	19.4	8.2	0.2	72.1	75.6	68.9
Portugal	592	37.2	20.7	5.5	1.3	29.8	5.3	0.3	64.7	67.6	62.3
Qatar	586	20.9	12.8	2.4	2.4	40.5	20.9	0.1	38.5	44.0	33.2
Romania	666	30.8	16.4	6.7	7.9	23.1	14.2	0.9	61.8	65.9	58.3
Russian Federation	645	29.8	29.5	12.8	7.9	12.6	7.5	0.0	80.0	80.0	80.0
Saudi Arabia	660	19.1	5.5	3.7	34.7	21.4	15.4	0.1	63.1	74.5	51.1
Serbia	631	28.3	15.2	24.4	6.5	17.7	7.7	0.2	74.4	82.2	67.8
Singapore	915	28.8	35.8	5.0	4.0	24.1	2.3	0.0	73.6	78.4	69.0
Slovak Republic	814	44.1	16.1	4.9	1.4	24.3	9.1	0.2	66.5	71.5	62.0
Slovenia	644	25.9	11.1	21.0	8.1	26.3	7.5	0.1	66.1	71.6	60.7
Spain	602	36.7	22.5	4.7	1.5	25.2	9.1	0.3	65.4	67.9	63.1
Sweden	632	20.7	40.5	1.4	0.7	25.3	11.4	0.0	63.3	65.4	61.5
Thailand	641	33.0	18.4	0.4	2.7	33.7	11.5	0.4	54.4	54.4	54.5
Tunisia	690	15.5	20.4	3.4	4.1	27.8	25.0	3.8	43.4	49.6	37.6
Turkey	1070	36.9	13.2	7.0	6.7	30.6	5.4	0.1	63.9	71.2	57.0
United Arab Emirates	2091	20.6	14.9	3.1	2.5	38.1	20.4	0.4	41.1	47.0	35.5
United States	1776	9.9	56.1	2.1	2.2	24.7	4.7	0.2	70.4	71.4	69.3
Yemen	1125	2.2	8.9	0.2	2.6	27.0	57.8	1.2	14.0	15.1	13.1
International Avg. (50)	37187	27.1	21.7	6.5	4.4	26.2	13.6	0.5	59.7	63.9	55.6
Botswana (6)	604	17.7	3.5	1.6	0.5	65.5	10.9	0.2	23.4	24.9	21.8
Honduras (6)	547	19.8	13.5	2.5	3.3	45.1	13.6	2.2	39.1	39.8	38.3
Yemen (6)	716	11.8	18.3	0.1	5.1	29.5	35.3	0.1	35.2	38.5	32.8
Alberta, Canada	527	12.4	47.2	2.9	4.8	26.6	5.8	0.4	67.2	69.7	64.7
Ontario, Canada	656	15.2	45.9	2.2	5.6	24.5	5.6	1.0	68.9	70.4	67.5
Quebec, Canada	610	25.3	35.2	3.7	3.4	24.5	7.9	0.0	67.6	71.1	64.1
Abu Dhabi, UAE	589	21.0	14.4	2.8	1.3	37.4	22.6	0.5	39.5	47.5	32.0
Dubai, UAE	870	16.8	22.2	4.6	3.2	39.6	13.2	0.4	46.8	52.0	42.5
Florida, US	370	10.1	58.2	5.0	1.1	22.4	2.8	0.3	74.4	73.0	75.8
North Carolina, US	253	7.9	60.6	4.3	1.0	22.6	3.5	0.0	73.9	69.3	78.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_03 (S041050): Physical Science / Reasoning
Label: Classifying item - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	686	36.1	29.9	11.2	36.1	14.8	5.5	2.6	39.8	33.0
Australia	885	48.0	35.6	7.2	48.0	6.8	2.1	0.3	52.7	43.7
Austria	660	53.5	17.0	8.0	53.5	9.4	12.1	0.0	53.0	53.9
Azerbaijan	689	53.9	18.9	9.1	53.9	9.5	6.3	2.3	51.8	56.0
Bahrain	570	44.0	33.6	12.4	44.0	7.0	2.2	0.6	48.0	40.1
Belgium (Flemish)	682	48.1	23.9	9.6	48.1	8.5	10.0	0.0	50.0	46.0
Chile	791	45.5	31.5	6.8	45.5	12.5	1.8	1.8	41.9	49.7
Chinese Taipei	609	68.7	15.0	6.5	68.7	7.6	2.2	0.1	72.0	65.8
Croatia	650	62.7	17.8	6.1	62.7	7.9	5.5	0.0	65.7	59.8
Czech Republic	646	54.8	13.8	10.8	54.8	14.9	5.7	0.0	52.0	57.0
Denmark	562	41.6	33.0	6.5	41.6	9.1	9.3	0.5	44.2	38.7
England	496	55.4	26.8	7.2	55.4	4.9	5.3	0.4	57.6	53.2
Finland	667	57.0	21.0	7.3	57.0	7.2	7.5	0.0	56.4	57.6
Georgia	684	17.0	56.1	7.8	17.0	12.4	5.7	1.0	18.6	15.4
Germany	567	53.9	15.7	8.3	53.9	10.1	11.7	0.4	51.6	56.0
Hong Kong SAR	563	61.4	20.6	7.1	61.4	10.6	0.4	0.0	58.7	63.4
Hungary	752	44.4	28.8	5.5	44.4	6.3	14.2	0.9	46.3	42.4
Iran, Islamic Rep. of	819	16.0	44.8	25.8	16.0	8.4	3.8	1.2	17.3	14.7
Ireland	660	51.2	31.4	7.2	51.2	6.8	2.6	0.9	52.5	49.9
Italy	598	72.1	11.6	5.1	72.1	5.1	5.7	0.5	70.5	73.7
Japan	624	82.1	6.6	5.2	82.1	2.8	3.4	0.0	80.6	83.3
Kazakhstan	626	58.6	18.3	10.2	58.6	10.0	1.5	1.3	56.2	60.9
Korea, Rep. of	614	65.3	28.9	2.9	65.3	2.9	0.0	0.0	64.2	66.5
Kuwait	589	27.0	29.4	23.8	27.0	9.4	9.2	1.1	27.3	26.6
Lithuania	657	58.3	17.6	7.8	58.3	8.5	7.1	0.7	61.5	55.7
Malta	515	39.2	38.4	8.8	39.2	8.0	5.5	0.2	38.7	39.6
Morocco	1057	25.6	23.6	27.9	25.6	16.2	2.8	3.9	25.6	25.7
Netherlands	459	54.7	23.3	6.5	54.7	8.4	7.0	0.0	54.8	55.4
New Zealand	800	48.7	34.8	4.7	48.7	8.9	2.6	0.4	54.1	43.2
Northern Ireland	499	57.0	25.5	7.3	57.0	8.2	1.8	0.2	56.6	57.4
Norway	440	52.6	18.8	6.9	52.6	9.6	11.9	0.2	51.1	54.0
Oman	1481	39.2	29.0	16.9	39.2	11.3	2.4	1.2	40.7	37.9
Poland	712	55.8	23.0	5.5	55.8	9.2	6.0	0.4	60.0	51.8
Portugal	592	69.0	15.5	2.6	69.0	9.3	3.3	0.3	71.9	66.7
Qatar	586	35.8	36.2	15.5	35.8	10.2	2.2	0.2	37.3	34.3
Romania	663	39.8	34.0	10.3	39.8	5.7	7.8	2.4	41.0	38.7
Russian Federation	645	52.4	29.9	4.8	52.4	6.8	5.9	0.1	51.4	53.3
Saudi Arabia	661	31.0	38.6	16.7	31.0	13.0	0.6	0.1	30.0	32.1
Serbia	631	55.9	20.6	3.4	55.9	5.3	14.0	0.8	57.5	54.6
Singapore	915	51.2	41.4	4.0	51.2	3.0	0.4	0.0	48.3	54.0
Slovak Republic	814	59.2	25.9	3.8	59.2	8.2	2.8	0.2	58.9	59.5
Slovenia	638	61.9	22.7	6.9	61.9	5.3	3.2	0.1	62.3	61.4
Spain	602	56.8	24.7	8.0	56.8	3.8	6.4	0.3	57.3	56.3
Sweden	632	50.7	26.0	8.5	50.7	9.4	5.0	0.3	49.6	51.6
Thailand	641	34.8	32.5	15.4	34.8	16.2	0.7	0.5	34.7	34.9
Tunisia	669	24.5	28.5	18.0	24.5	15.4	8.9	4.7	18.3	30.3
Turkey	1070	63.2	22.4	7.1	63.2	6.5	0.6	0.3	66.2	60.4
United Arab Emirates	2091	36.8	35.9	12.0	36.8	11.7	2.8	0.8	36.3	37.3
United States	1776	52.1	30.0	6.0	52.1	9.5	1.9	0.4	50.0	54.4
Yemen	1123	29.2	22.6	24.3	29.2	15.5	6.7	1.7	27.1	30.7
International Avg. (50)	37058	49.1	26.6	9.5	49.1	9.0	5.1	0.7	49.4	48.8
Botswana (6)	604	40.4	27.7	17.8	40.4	13.2	0.6	0.3	38.3	42.5
Honduras (6)	547	28.6	41.8	10.8	28.6	11.1	5.4	2.4	30.1	26.6
Yemen (6)	715	25.8	33.9	21.8	25.8	14.6	3.7	0.2	22.6	28.2
Alberta, Canada	527	51.1	29.9	7.4	51.1	10.0	1.1	0.6	48.2	54.1
Ontario, Canada	657	50.8	29.0	5.2	50.8	11.3	2.4	1.3	51.1	50.5
Quebec, Canada	610	63.3	20.0	8.2	63.3	4.4	4.1	0.0	62.1	64.4
Abu Dhabi, UAE	589	35.1	34.6	13.0	35.1	13.4	2.8	1.1	32.7	37.3
Dubai, UAE	870	45.6	35.8	8.0	45.6	8.0	2.2	0.4	47.2	44.2
Florida, US	370	48.8	31.2	5.0	48.8	13.3	1.2	0.5	49.6	48.1
North Carolina, US	253	53.3	29.6	5.3	53.3	9.7	2.1	0.0	51.0	55.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S11_04 (S041070): Physical Science / Applying
Label: Why shadow forms - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	686	39.1	39.1	24.3	14.2	15.0	4.9	2.6	39.1	38.9
Australia	885	61.9	61.9	10.1	17.0	9.0	1.6	0.4	61.1	62.6
Austria	660	69.4	69.4	7.9	3.8	16.9	2.0	0.2	64.2	73.6
Azerbaijan	689	55.6	55.6	13.1	7.7	14.8	6.3	2.5	52.5	58.8
Bahrain	570	26.4	26.4	24.5	16.4	29.6	2.5	0.6	23.9	28.8
Belgium (Flemish)	682	39.6	39.6	11.9	20.9	26.6	0.7	0.3	32.5	47.0
Chile	791	56.3	56.3	8.7	19.4	11.5	2.0	2.2	56.8	55.7
Chinese Taipei	609	61.2	61.2	15.1	3.0	20.4	0.2	0.1	53.1	68.2
Croatia	650	32.4	32.4	11.4	29.0	26.4	0.9	0.0	27.0	37.6
Czech Republic	646	57.3	57.3	10.9	4.8	25.2	1.7	0.0	50.8	62.8
Denmark	562	53.8	53.8	12.0	5.9	24.6	3.2	0.6	50.2	57.8
England	496	68.3	68.3	9.2	12.9	7.2	1.8	0.7	68.6	67.9
Finland	667	50.9	50.9	13.6	9.8	24.7	1.0	0.0	41.9	59.2
Georgia	684	30.9	30.9	26.3	26.9	11.7	2.9	1.3	26.9	34.8
Germany	567	71.9	71.9	8.4	3.6	13.9	1.8	0.4	62.4	80.5
Hong Kong SAR	563	49.7	49.7	12.1	3.2	34.7	0.3	0.0	44.8	53.4
Hungary	752	62.2	62.2	12.5	12.0	10.8	1.6	1.0	58.7	66.0
Iran, Islamic Rep. of	819	49.2	49.2	25.6	5.3	14.8	3.7	1.4	43.0	55.4
Ireland	660	60.1	60.1	15.2	15.0	7.9	0.9	0.9	59.5	60.7
Italy	598	42.9	42.9	18.7	11.6	24.4	1.9	0.5	39.6	46.6
Japan	624	84.9	84.9	7.5	4.6	2.9	0.2	0.0	81.3	87.9
Kazakhstan	626	58.5	58.5	10.3	8.7	19.4	1.6	1.5	52.8	63.8
Korea, Rep. of	614	65.6	65.6	21.5	5.7	7.3	0.0	0.0	58.7	72.5
Kuwait	585	22.9	22.9	27.9	13.3	25.3	9.2	1.4	23.6	22.0
Lithuania	657	63.9	63.9	8.7	11.8	13.6	1.0	1.0	58.4	68.3
Malta	515	42.6	42.6	19.9	19.1	15.9	2.3	0.2	38.8	46.5
Morocco	1082	24.6	24.6	20.5	22.4	24.6	3.4	4.5	23.5	25.8
Netherlands	459	66.1	66.1	5.2	10.4	17.7	0.6	0.0	59.8	74.4
New Zealand	800	57.8	57.8	9.9	17.4	12.6	1.9	0.5	56.3	59.3
Northern Ireland	499	57.9	57.9	12.8	16.2	11.9	0.9	0.2	55.5	60.0
Norway	440	43.1	43.1	13.6	16.1	22.7	4.2	0.3	38.6	47.3
Oman	1481	29.1	29.1	22.0	20.6	22.9	3.8	1.6	28.7	29.4
Poland	712	35.8	35.8	23.9	15.3	22.9	1.5	0.7	34.2	37.4
Portugal	592	53.9	53.9	19.9	10.4	13.7	1.3	0.7	53.6	54.1
Qatar	586	37.0	37.0	22.2	17.5	20.9	2.3	0.2	35.0	38.9
Romania	665	59.3	59.3	12.5	4.9	16.5	4.1	2.7	57.9	60.4
Russian Federation	645	68.9	68.9	5.4	8.9	15.0	1.6	0.1	65.0	72.9
Saudi Arabia	661	20.6	20.6	32.4	14.1	31.2	1.4	0.3	16.9	24.5
Serbia	631	43.9	43.9	17.7	21.3	13.5	2.5	1.1	35.6	50.9
Singapore	915	85.5	85.5	9.2	2.5	2.5	0.2	0.1	84.8	86.2
Slovak Republic	814	51.8	51.8	17.2	17.3	12.2	1.3	0.2	44.6	58.2
Slovenia	643	38.2	38.2	45.8	7.1	5.5	3.0	0.3	32.4	44.0
Spain	602	42.9	42.9	26.6	7.5	18.6	3.6	0.8	37.9	47.7
Sweden	632	59.8	59.8	6.7	10.7	19.0	3.1	0.6	56.9	62.4
Thailand	641	39.1	39.1	22.6	13.1	24.0	0.7	0.5	33.8	44.4
Tunisia	683	15.6	15.6	18.0	25.5	26.6	8.5	5.8	16.2	15.0
Turkey	1070	48.1	48.1	25.5	9.7	14.3	2.0	0.4	46.7	49.5
United Arab Emirates	2091	34.7	34.7	22.1	14.2	25.6	2.6	0.9	29.7	39.4
United States	1776	64.7	64.7	8.6	13.1	10.6	2.5	0.5	60.3	69.5
Yemen	1123	13.3	13.3	18.1	27.9	30.4	8.6	1.7	17.0	10.7
International Avg. (50)	37100	49.4	49.4	16.5	13.0	17.8	2.4	0.9	45.8	52.8
Botswana (6)	604	24.3	24.3	36.3	13.3	25.2	0.6	0.3	23.3	25.2
Honduras (6)	547	33.5	33.5	14.9	30.2	14.7	3.6	3.0	30.4	37.6
Yemen (6)	716	15.0	15.0	23.8	20.5	36.8	3.8	0.2	16.1	14.2
Alberta, Canada	527	64.2	64.2	9.4	12.2	12.7	1.0	0.6	63.1	65.2
Ontario, Canada	657	59.9	59.9	13.5	8.0	15.2	1.3	2.1	50.0	69.4
Quebec, Canada	610	45.0	45.0	8.8	16.9	27.4	1.9	0.1	35.0	54.9
Abu Dhabi, UAE	589	30.3	30.3	26.3	13.6	26.4	2.4	1.2	27.1	33.2
Dubai, UAE	870	49.2	49.2	16.0	13.8	18.1	2.5	0.4	41.9	55.3
Florida, US	370	67.8	67.8	11.7	9.1	9.6	1.0	0.8	62.1	73.3
North Carolina, US	253	62.4	62.4	12.1	14.8	8.2	2.5	0.0	58.8	65.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S11_05 (S041006): Life Science / Applying
Label: A tree and lion are living - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	16.8	24.5	28.3	27.2	3.3	41.3	16.8	20.6	13.5
Australia	885	19.6	37.7	37.0	5.3	0.4	57.3	19.6	18.7	20.4
Austria	660	13.3	30.9	40.4	15.2	0.2	44.2	13.3	12.6	13.9
Azerbaijan	689	24.3	17.0	18.2	37.5	3.0	41.3	24.3	30.0	18.6
Bahrain	570	25.9	17.1	46.5	9.7	0.8	43.0	25.9	30.1	21.8
Belgium (Flemish)	682	8.0	27.4	58.8	5.4	0.3	35.4	8.0	7.5	8.5
Chile	791	20.6	35.4	34.6	7.0	2.3	56.1	20.6	21.0	20.3
Chinese Taipei	609	32.7	35.6	25.0	6.7	0.1	68.3	32.7	32.6	32.8
Croatia	650	36.4	42.9	14.1	6.6	0.0	79.4	36.4	37.5	35.4
Czech Republic	646	33.7	35.2	18.6	12.1	0.5	68.9	33.7	33.0	34.3
Denmark	561	17.3	38.4	35.2	8.4	0.6	55.7	17.3	15.7	19.2
England	496	19.1	46.7	26.6	6.9	0.7	65.8	19.1	17.2	20.9
Finland	667	20.5	42.2	27.4	9.9	0.0	62.7	20.5	21.8	19.3
Georgia	684	25.4	25.5	32.3	14.9	1.8	50.9	25.4	26.2	24.7
Germany	567	10.0	31.1	42.3	16.2	0.4	41.1	10.0	7.8	12.0
Hong Kong SAR	563	24.9	42.6	25.1	7.5	0.0	67.5	24.9	28.1	22.4
Hungary	752	24.0	38.6	29.1	7.2	1.1	62.6	24.0	26.2	21.7
Iran, Islamic Rep. of	818	30.5	31.4	23.5	12.9	1.7	61.9	30.5	33.4	27.6
Ireland	660	19.5	36.4	35.7	7.4	0.9	55.9	19.5	19.6	19.4
Italy	598	29.6	36.1	27.5	6.2	0.5	65.7	29.6	28.7	30.5
Japan	624	13.8	34.7	47.6	3.9	0.0	48.5	13.8	11.8	15.5
Kazakhstan	626	10.9	22.1	58.1	7.4	1.5	33.0	10.9	11.4	10.5
Korea, Rep. of	614	11.5	43.9	42.2	2.3	0.0	55.4	11.5	13.2	9.7
Kuwait	592	7.7	17.4	42.1	30.6	2.1	25.1	7.7	10.0	4.9
Lithuania	657	14.3	32.8	41.1	10.9	1.0	47.1	14.3	16.5	12.5
Malta	515	12.2	27.8	46.6	13.2	0.2	40.0	12.2	12.0	12.5
Morocco	1128	3.7	7.5	44.5	39.2	5.1	11.2	3.7	5.0	2.3
Netherlands	459	12.2	33.3	51.0	3.6	0.0	45.5	12.2	11.1	13.7
New Zealand	800	14.6	37.6	41.3	5.7	0.7	52.3	14.6	16.8	12.4
Northern Ireland	499	13.6	46.1	33.7	6.3	0.2	59.7	13.6	13.8	13.4
Norway	440	15.6	36.1	32.8	14.8	0.6	51.7	15.6	17.4	14.0
Oman	1481	16.7	13.4	53.7	14.4	1.8	30.1	16.7	18.0	15.6
Poland	712	11.0	26.8	41.5	20.0	0.7	37.8	11.0	15.6	6.6
Portugal	592	22.4	30.1	39.1	7.6	0.7	52.6	22.4	29.0	17.1
Qatar	586	9.6	23.5	52.9	13.7	0.4	33.1	9.6	9.9	9.4
Romania	666	19.5	29.9	37.9	9.8	2.9	49.4	19.5	21.0	18.2
Russian Federation	645	27.0	35.2	31.9	5.4	0.5	62.2	27.0	28.1	25.9
Saudi Arabia	661	23.5	23.0	40.9	12.4	0.3	46.5	23.5	29.3	17.4
Serbia	631	41.8	31.5	16.3	9.2	1.2	73.3	41.8	41.2	42.2
Singapore	915	73.5	15.7	10.0	0.7	0.1	89.1	73.5	75.1	71.9
Slovak Republic	814	31.6	36.6	23.0	8.6	0.2	68.2	31.6	33.7	29.8
Slovenia	644	27.3	30.0	31.9	10.5	0.3	57.3	27.3	28.8	25.8
Spain	602	15.1	30.1	42.4	11.3	1.1	45.2	15.1	17.5	12.8
Sweden	632	15.2	38.4	34.7	11.0	0.7	53.6	15.2	14.4	15.8
Thailand	641	23.7	28.2	39.6	8.0	0.5	52.0	23.7	27.8	19.7
Tunisia	690	5.9	16.2	51.7	20.3	5.8	22.2	5.9	7.7	4.2
Turkey	1070	21.5	31.2	41.7	5.1	0.5	52.7	21.5	24.0	19.1
United Arab Emirates	2091	16.4	25.2	45.0	12.5	0.9	41.6	16.4	16.0	16.8
United States	1776	19.8	33.1	44.0	2.4	0.6	52.9	19.8	19.0	20.8
Yemen	1125	4.0	8.9	46.6	38.8	1.7	13.0	4.0	4.3	3.9
International Avg. (50)	37187	20.2	30.4	36.6	11.8	1.0	50.5	20.2	21.4	19.0
Botswana (6)	604	9.9	24.6	63.4	1.8	0.3	34.5	9.9	11.0	8.8
Honduras (6)	547	11.1	21.3	56.2	7.4	4.0	32.4	11.1	12.0	10.0
Yemen (6)	716	12.9	13.8	52.7	19.7	0.8	26.7	12.9	14.1	12.0
Alberta, Canada	527	20.2	46.2	29.0	4.0	0.6	66.5	20.2	17.2	23.3
Ontario, Canada	657	23.0	39.6	32.0	3.0	2.3	62.6	23.0	22.1	23.9
Quebec, Canada	610	12.7	41.4	40.2	5.6	0.1	54.1	12.7	12.3	13.1
Abu Dhabi, UAE	589	16.9	20.7	49.2	12.1	1.2	37.6	16.9	17.6	16.2
Dubai, UAE	870	18.7	30.2	41.2	9.4	0.4	48.9	18.7	17.1	20.1
Florida, US	370	26.8	36.5	33.0	2.9	0.8	63.3	26.8	30.1	23.7
North Carolina, US	253	16.0	34.8	46.0	2.9	0.3	50.7	16.0	21.5	10.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_06 (S041052): Physical Science / Knowing
Label: Which one is a solid - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	703	81.1	5.8	81.1	4.4	2.3	2.4	3.9	83.4	79.1
Australia	885	77.2	9.3	77.2	4.8	6.2	1.8	0.8	74.2	79.8
Austria	660	80.2	7.3	80.2	4.3	4.8	3.2	0.2	79.1	81.1
Azerbaijan	689	82.1	4.8	82.1	2.6	4.6	2.9	3.1	83.4	80.9
Bahrain	570	77.2	8.6	77.2	4.7	7.2	1.1	1.2	80.8	73.6
Belgium (Flemish)	682	28.0	27.4	28.0	30.0	10.0	4.1	0.3	22.3	34.1
Chile	791	61.0	13.7	61.0	8.8	11.4	2.5	2.6	60.9	61.1
Chinese Taipei	609	85.5	6.1	85.5	5.3	1.7	1.4	0.1	87.9	83.5
Croatia	650	85.4	8.1	85.4	3.3	2.4	0.6	0.3	89.1	81.8
Czech Republic	646	77.6	8.8	77.6	5.8	5.6	1.7	0.5	69.9	84.1
Denmark	562	53.8	15.5	53.8	8.8	15.6	5.4	1.0	50.9	57.2
England	496	86.2	4.2	86.2	4.0	2.8	2.0	0.7	88.0	84.5
Finland	667	73.5	9.0	73.5	5.8	8.2	3.4	0.2	75.7	71.5
Georgia	684	69.8	11.8	69.8	8.0	7.4	0.8	2.3	69.3	70.2
Germany	567	82.6	4.5	82.6	5.3	4.1	2.9	0.6	81.7	83.4
Hong Kong SAR	563	91.8	3.4	91.8	2.3	2.2	0.3	0.0	90.4	92.9
Hungary	752	79.2	7.1	79.2	4.0	6.1	2.5	1.2	78.3	80.1
Iran, Islamic Rep. of	818	72.7	11.7	72.7	6.5	4.2	2.6	2.2	74.6	70.9
Ireland	660	74.2	12.3	74.2	5.8	5.1	1.7	0.9	73.7	74.6
Italy	598	77.9	6.0	77.9	4.9	8.2	2.4	0.5	79.7	76.0
Japan	624	85.9	5.3	85.9	2.6	5.3	0.7	0.1	87.9	84.2
Kazakhstan	626	86.0	5.5	86.0	3.6	1.9	1.5	1.5	87.4	84.7
Korea, Rep. of	614	91.2	3.8	91.2	2.9	1.7	0.4	0.0	90.7	91.7
Kuwait	586	64.1	13.2	64.1	7.2	7.5	5.8	2.3	67.6	59.8
Lithuania	657	89.4	4.1	89.4	1.4	2.6	1.6	1.0	91.1	88.0
Malta	515	61.4	20.6	61.4	6.0	9.5	2.3	0.2	62.8	60.0
Morocco	1066	47.3	17.8	47.3	11.0	15.4	2.1	6.4	50.5	43.7
Netherlands	459	37.0	20.8	37.0	26.8	13.2	2.2	0.0	34.7	39.8
New Zealand	800	71.8	9.7	71.8	4.2	11.5	1.7	1.1	71.0	72.6
Northern Ireland	499	77.5	6.4	77.5	7.2	7.6	1.0	0.2	81.2	74.4
Norway	440	24.0	34.5	24.0	15.1	21.0	4.0	1.3	18.5	29.0
Oman	1481	62.9	15.4	62.9	6.9	10.8	1.8	2.2	68.6	57.9
Poland	712	41.7	21.0	41.7	20.6	12.9	2.1	1.7	45.7	37.7
Portugal	592	77.0	6.2	77.0	7.2	7.9	0.9	0.8	79.9	74.7
Qatar	586	62.0	17.8	62.0	8.5	8.8	2.1	0.8	68.5	55.5
Romania	665	72.3	10.1	72.3	5.5	6.6	2.4	3.1	69.0	75.1
Russian Federation	645	88.1	6.1	88.1	2.3	2.1	0.9	0.5	86.8	89.4
Saudi Arabia	659	73.1	12.3	73.1	4.6	8.0	1.1	0.8	78.8	67.3
Serbia	631	91.7	1.5	91.7	2.2	1.4	2.0	1.2	92.0	91.5
Singapore	915	89.0	4.2	89.0	3.4	3.0	0.3	0.1	89.5	88.5
Slovak Republic	814	73.0	13.9	73.0	6.5	4.3	2.2	0.2	70.9	74.8
Slovenia	643	87.5	7.0	87.5	1.6	2.4	1.3	0.3	86.7	88.2
Spain	602	65.9	13.9	65.9	6.8	10.6	1.3	1.4	60.9	70.7
Sweden	632	66.5	16.0	66.5	7.3	6.0	3.0	1.1	67.0	66.1
Thailand	641	75.0	10.1	75.0	8.2	5.6	0.6	0.6	77.6	72.4
Tunisia	679	58.2	4.9	58.2	9.0	13.0	7.9	6.9	62.6	54.1
Turkey	1070	81.7	7.9	81.7	3.9	4.4	1.2	0.8	81.7	81.7
United Arab Emirates	2091	71.2	12.7	71.2	6.0	7.7	1.3	1.1	73.3	69.1
United States	1776	85.2	4.0	85.2	3.0	4.0	3.0	0.9	82.7	87.9
Yemen	1125	38.2	19.2	38.2	16.5	18.4	5.6	2.2	39.5	37.3
International Avg. (50)	37097	71.9	10.6	71.9	6.9	7.1	2.2	1.3	72.4	71.4
Botswana (6)	604	64.4	13.9	64.4	11.3	9.1	0.9	0.3	66.4	62.5
Honduras (6)	547	38.6	21.1	38.6	12.8	19.5	3.4	4.7	33.7	44.9
Yemen (6)	716	57.8	12.2	57.8	11.3	16.0	1.9	0.8	63.5	53.6
Alberta, Canada	527	81.8	4.3	81.8	5.3	4.4	2.4	1.9	78.7	84.9
Ontario, Canada	657	84.5	4.5	84.5	3.1	3.9	1.3	2.7	83.8	85.1
Quebec, Canada	610	84.6	4.7	84.6	4.8	3.4	2.1	0.4	82.9	86.4
Abu Dhabi, UAE	589	68.5	15.0	68.5	6.2	8.0	0.7	1.6	73.0	64.2
Dubai, UAE	870	76.4	10.8	76.4	4.4	6.2	1.8	0.4	75.0	77.6
Florida, US	370	88.3	3.2	88.3	3.1	1.4	3.0	1.1	88.1	88.4
North Carolina, US	253	84.2	7.3	84.2	2.1	3.0	3.1	0.3	83.1	85.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S11_07 (S041301): Life Science / Applying
Label: Importance of drinking water - Points: 1

COUNTRY	N	10 %	11 %	19 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	6.8	7.8	5.0	46.2	29.7	4.5	19.6	20.3	19.1
Australia	885	5.6	39.6	0.4	49.4	3.6	1.3	45.6	45.9	45.3
Austria	660	6.3	34.9	0.0	48.3	10.1	0.3	41.2	34.7	46.5
Azerbaijan	689	4.0	2.5	3.7	47.5	38.6	3.7	10.2	11.1	9.2
Bahrain	570	7.4	8.0	5.3	65.8	12.3	1.2	20.6	27.8	13.5
Belgium (Flemish)	682	3.7	35.2	0.6	57.2	2.9	0.3	39.5	38.6	40.5
Chile	791	2.3	20.6	0.0	64.2	9.7	3.2	22.9	24.8	20.8
Chinese Taipei	609	33.3	6.4	0.0	53.5	6.6	0.1	39.8	39.9	39.6
Croatia	650	4.9	27.1	0.2	62.2	5.4	0.3	32.1	30.9	33.3
Czech Republic	646	6.4	27.4	0.0	56.4	9.3	0.5	33.8	34.8	33.0
Denmark	562	8.2	29.0	0.8	55.9	4.8	1.3	38.0	44.2	30.9
England	496	5.5	43.1	0.0	46.6	4.1	0.7	48.7	54.9	42.6
Finland	667	6.2	49.0	0.1	36.9	7.6	0.3	55.3	58.8	52.0
Georgia	684	6.1	7.7	4.1	65.8	13.6	2.5	18.0	18.3	17.7
Germany	567	9.2	36.5	0.0	42.3	11.1	1.0	45.6	45.9	45.4
Hong Kong SAR	563	26.7	2.8	1.1	62.3	7.1	0.0	30.6	30.7	30.4
Hungary	752	3.8	52.1	0.2	36.5	5.9	1.5	56.2	56.7	55.6
Iran, Islamic Rep. of	818	6.6	6.2	3.0	63.6	18.2	2.5	15.7	18.2	13.2
Ireland	660	2.6	36.6	1.3	53.5	5.0	1.1	40.5	44.3	36.6
Italy	598	7.2	10.7	0.9	73.6	6.8	0.8	18.8	18.8	18.8
Japan	624	9.6	29.2	2.4	54.7	3.7	0.4	41.2	43.2	39.5
Kazakhstan	626	12.0	6.0	25.2	45.3	9.6	1.9	43.2	46.2	40.5
Korea, Rep. of	614	2.6	6.1	0.0	88.3	3.0	0.0	8.7	7.6	9.8
Kuwait	592	0.8	0.5	7.1	47.9	40.5	3.2	8.4	12.3	3.6
Lithuania	657	7.3	3.2	3.9	76.3	8.3	1.0	14.4	17.1	12.2
Malta	515	9.3	7.6	1.6	66.1	15.2	0.2	18.5	18.3	18.6
Morocco	1127	0.8	0.5	0.2	46.6	44.9	7.1	1.5	1.9	1.0
Netherlands	459	3.1	48.4	1.1	45.3	1.9	0.2	52.6	49.5	56.6
New Zealand	800	6.4	32.1	0.0	57.3	3.0	1.2	38.5	36.3	40.7
Northern Ireland	499	2.9	43.6	0.0	48.4	4.6	0.6	46.5	46.6	46.4
Norway	440	3.2	21.8	0.3	59.9	13.5	1.3	25.4	28.8	22.2
Oman	1481	1.7	1.9	2.3	65.6	26.2	2.2	6.0	7.2	4.9
Poland	712	6.6	16.4	0.8	64.8	9.4	2.0	23.8	24.9	22.8
Portugal	592	3.7	21.7	5.2	65.5	3.1	0.8	30.6	38.6	24.0
Qatar	586	2.4	4.5	1.1	72.1	18.9	0.9	8.0	9.2	6.8
Romania	666	8.2	17.4	5.2	55.8	10.1	3.3	30.8	31.7	30.1
Russian Federation	645	7.7	7.8	1.4	74.4	8.1	0.6	16.9	15.3	18.5
Saudi Arabia	661	4.9	5.0	2.2	69.5	17.6	0.8	12.1	13.3	10.9
Serbia	631	3.0	11.8	2.5	70.7	10.2	1.9	17.2	19.9	14.9
Singapore	915	21.0	18.4	5.8	52.6	2.0	0.1	45.3	42.0	48.4
Slovak Republic	814	3.1	24.1	3.2	61.2	7.6	0.7	30.4	29.1	31.6
Slovenia	644	7.1	16.4	0.8	67.0	7.8	1.0	24.2	24.8	23.5
Spain	602	5.7	20.3	2.0	57.9	12.7	1.4	28.0	27.5	28.4
Sweden	632	6.9	36.2	0.1	46.1	9.3	1.4	43.2	45.1	41.6
Thailand	641	7.6	3.9	8.0	71.2	8.8	0.6	19.5	23.5	15.4
Tunisia	690	1.8	1.4	2.3	68.8	18.2	7.5	5.5	6.2	4.9
Turkey	1070	9.7	5.2	2.5	77.3	4.5	0.8	17.4	17.6	17.1
United Arab Emirates	2091	6.6	6.2	1.5	66.3	18.2	1.1	14.4	16.2	12.6
United States	1776	5.1	32.2	0.0	60.0	1.7	1.0	37.3	36.4	38.3
Yemen	1125	0.1	0.1	0.1	40.6	56.8	2.4	0.2	0.4	0.2
International Avg. (50)	37187	6.7	18.7	2.3	58.6	12.2	1.5	27.6	28.7	26.6
Botswana (6)	604	4.7	2.9	0.0	87.7	4.2	0.5	7.6	6.4	8.8
Honduras (6)	547	0.9	11.5	9.0	65.8	7.3	5.6	21.4	17.8	25.8
Yemen (6)	716	4.7	0.8	0.7	62.6	30.4	0.8	6.2	7.2	5.4
Alberta, Canada	527	4.3	35.0	0.7	56.2	1.7	2.0	40.1	43.7	36.4
Ontario, Canada	657	5.3	36.5	1.4	50.2	3.7	2.8	43.2	43.1	43.4
Quebec, Canada	610	2.9	45.8	0.3	45.9	4.4	0.6	49.0	46.9	51.1
Abu Dhabi, UAE	589	5.4	3.6	1.7	68.6	19.0	1.6	10.8	11.8	9.8
Dubai, UAE	870	8.3	13.3	0.1	64.9	12.9	0.6	21.7	22.9	20.7
Florida, US	370	5.0	33.1	0.0	59.3	1.2	1.4	38.1	39.9	36.4
North Carolina, US	253	7.9	32.5	0.0	58.6	0.4	0.7	40.3	43.4	37.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_09 (S041033): Life Science / Applying

Label: Physical change- mammals in winter - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	10.5	3.6	25.7	53.6	6.7	14.1	15.4	12.9
Australia	885	11.2	14.7	61.1	11.6	1.4	25.9	28.0	24.0
Austria	660	26.6	6.9	34.0	32.0	0.4	33.5	31.5	35.2
Azerbaijan	689	8.9	8.0	21.7	57.1	4.4	16.9	19.1	14.7
Bahrain	570	8.4	6.3	61.4	22.4	1.5	14.8	17.2	12.3
Belgium (Flemish)	682	28.9	9.2	50.9	9.5	1.4	38.2	39.7	36.6
Chile	791	3.9	2.3	69.2	20.2	4.6	6.1	5.9	6.4
Chinese Taipei	609	14.1	26.1	43.3	16.3	0.1	40.3	37.5	42.6
Croatia	650	10.7	9.2	44.7	34.9	0.5	20.0	19.0	20.9
Czech Republic	646	19.6	6.0	46.2	27.3	0.9	25.6	26.9	24.6
Denmark	562	19.2	12.6	51.7	14.7	1.8	31.8	30.9	32.9
England	496	14.6	13.5	52.2	18.4	1.2	28.2	34.6	21.8
Finland	667	24.5	15.5	44.3	15.4	0.3	40.1	42.6	37.7
Georgia	669	14.0	7.8	41.6	32.5	4.1	21.8	24.1	19.5
Germany	567	27.0	6.3	31.9	33.5	1.3	33.3	36.2	30.5
Hong Kong SAR	563	10.3	17.4	57.1	15.2	0.0	27.8	34.5	22.6
Hungary	752	29.4	3.9	40.9	23.6	2.3	33.2	37.4	28.5
Iran, Islamic Rep. of	818	2.3	6.8	46.7	40.2	4.0	9.1	10.7	7.5
Ireland	660	12.4	13.8	56.3	16.3	1.2	26.2	25.7	26.7
Italy	598	25.1	16.2	38.0	19.5	1.2	41.3	41.4	41.2
Japan	624	9.0	20.3	61.1	9.0	0.7	29.2	26.2	31.9
Kazakhstan	625	16.4	14.8	45.3	20.5	3.0	31.2	34.0	28.6
Korea, Rep. of	614	20.1	6.3	65.1	8.5	0.0	26.4	25.4	27.4
Kuwait	593	1.8	3.0	45.2	46.1	3.8	4.9	5.2	4.5
Lithuania	657	8.8	6.8	64.0	19.4	1.0	15.7	18.1	13.7
Malta	515	4.9	7.4	54.9	32.5	0.4	12.3	10.7	14.0
Morocco	1128	0.2	0.3	34.4	56.9	8.2	0.5	0.5	0.5
Netherlands	459	32.4	6.7	53.5	7.0	0.4	39.1	41.3	36.8
New Zealand	800	10.2	10.9	65.2	11.9	1.8	21.1	22.9	19.2
Northern Ireland	499	15.3	9.4	56.3	18.3	0.6	24.8	27.9	22.1
Norway	440	18.0	4.7	49.2	23.5	4.6	22.7	23.6	21.8
Oman	1481	2.3	6.7	45.4	42.8	2.8	9.0	13.0	5.4
Poland	712	16.9	25.7	29.6	25.0	2.8	42.6	45.0	40.3
Portugal	592	6.4	17.5	58.4	16.7	1.0	23.9	24.2	23.7
Qatar	586	4.4	2.7	64.0	27.9	1.0	7.2	8.8	5.5
Romania	666	22.2	8.6	44.8	20.8	3.7	30.7	37.5	24.9
Russian Federation	645	22.9	12.8	49.4	13.8	1.1	35.7	38.1	33.3
Saudi Arabia	663	5.1	14.5	54.3	24.7	1.3	19.6	21.9	17.2
Serbia	631	15.7	3.3	51.2	27.0	2.8	19.0	18.0	19.8
Singapore	915	16.8	17.8	61.2	4.0	0.3	34.6	34.8	34.3
Slovak Republic	814	24.0	6.4	46.4	21.8	1.3	30.4	33.2	27.9
Slovenia	644	18.7	3.5	50.1	25.9	1.8	22.3	24.3	20.3
Spain	602	4.4	3.7	58.0	31.9	2.0	8.1	8.3	7.9
Sweden	632	21.8	4.7	48.8	22.4	2.3	26.5	30.7	22.8
Thailand	641	9.6	4.1	70.3	14.8	1.2	13.7	12.4	14.9
Tunisia	690	1.5	5.0	47.6	37.2	8.8	6.5	7.4	5.7
Turkey	1070	8.8	3.1	66.5	20.3	1.4	11.9	14.2	9.6
United Arab Emirates	2091	4.7	8.7	53.6	31.4	1.6	13.4	15.5	11.4
United States	1776	16.9	18.1	57.6	5.5	1.9	35.0	35.4	34.7
Yemen	1126	0.0	0.2	33.9	62.0	3.9	0.2	0.4	0.0
International Avg. (50)	37176	13.6	9.3	50.1	24.9	2.1	22.9	24.3	21.6
Botswana (6)	604	0.8	0.7	90.1	7.7	0.7	1.5	2.5	0.5
Honduras (6)	547	2.3	1.1	68.8	21.3	6.4	3.4	1.8	5.6
Yemen (6)	715	0.3	1.7	55.9	41.4	0.8	1.9	2.1	1.8
Alberta, Canada	527	21.2	10.9	60.3	5.4	2.2	32.1	35.6	28.6
Ontario, Canada	657	15.6	16.3	53.5	10.6	4.1	31.8	32.2	31.5
Quebec, Canada	610	20.7	12.9	56.0	9.7	0.7	33.7	37.0	30.3
Abu Dhabi, UAE	589	4.2	7.8	54.6	31.4	2.1	11.9	15.9	8.2
Dubai, UAE	870	5.8	9.7	53.4	30.1	1.0	15.5	15.2	15.7
Florida, US	370	14.8	20.1	58.4	4.5	2.2	34.8	34.0	35.6
North Carolina, US	253	18.1	19.4	59.3	2.4	0.7	37.5	37.1	37.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_11 (S041077): Physical Science / Applying
Label: Label the poles on the top magnet - Points: 1

COUNTRY	N	10 %	70 %	71 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	21.5	6.2	2.0	12.5	49.4	8.4	21.5	21.3	21.8
Australia	885	35.6	30.0	11.7	8.6	12.4	1.7	35.6	33.6	37.4
Austria	660	46.1	17.0	4.7	11.2	19.6	1.3	46.1	42.3	49.1
Azerbaijan	688	28.5	6.9	0.5	9.0	50.3	4.9	28.5	27.4	29.6
Bahrain	570	27.8	13.5	2.1	32.7	20.8	3.1	27.8	27.2	28.3
Belgium (Flemish)	682	37.4	17.9	9.3	23.5	9.8	2.0	37.4	36.1	38.9
Chile	791	17.0	26.5	5.0	19.1	26.7	5.8	17.0	17.5	16.4
Chinese Taipei	609	70.0	18.1	0.0	3.2	8.7	0.1	70.0	73.5	67.0
Croatia	650	26.3	20.0	8.3	24.8	19.5	1.0	26.3	21.2	31.2
Czech Republic	646	40.9	20.2	5.9	13.1	18.0	1.9	40.9	43.7	38.6
Denmark	562	28.3	18.8	29.8	7.7	12.8	2.6	28.3	24.9	32.1
England	496	46.2	24.4	5.5	10.3	11.6	2.0	46.2	47.9	44.5
Finland	667	59.4	20.2	1.0	8.1	11.0	0.3	59.4	60.0	58.8
Georgia	684	13.8	12.4	34.2	10.5	22.8	6.3	13.8	12.9	14.6
Germany	567	49.0	16.7	5.5	8.5	18.8	1.5	49.0	39.4	57.9
Hong Kong SAR	563	54.5	17.5	1.3	13.3	13.4	0.0	54.5	47.7	59.8
Hungary	752	42.1	17.9	4.1	20.7	12.0	3.2	42.1	38.8	45.8
Iran, Islamic Rep. of	818	38.3	15.9	9.6	17.0	14.3	4.9	38.3	33.7	43.0
Ireland	660	37.8	30.0	8.8	12.1	9.3	2.0	37.8	40.8	34.8
Italy	598	34.3	20.4	3.6	18.4	21.5	1.9	34.3	34.5	34.0
Japan	624	83.6	9.0	0.0	3.3	2.6	1.5	83.6	84.2	83.2
Kazakhstan	626	52.1	9.0	0.9	18.5	16.2	3.1	52.1	50.8	53.4
Korea, Rep. of	614	80.5	14.4	0.0	2.7	2.3	0.0	80.5	81.9	79.1
Kuwait	593	43.1	4.3	0.4	34.0	13.5	4.7	43.1	47.3	38.0
Lithuania	657	46.6	16.9	5.2	13.2	17.2	1.0	46.6	45.7	47.3
Malta	515	37.1	23.3	3.9	13.1	21.7	0.9	37.1	37.8	36.3
Morocco	1129	6.7	4.7	0.1	30.2	48.8	9.5	6.7	6.9	6.5
Netherlands	459	48.1	18.4	5.0	18.4	9.1	1.1	48.1	46.6	50.0
New Zealand	800	30.3	28.4	12.7	13.3	13.2	2.1	30.3	26.5	34.1
Northern Ireland	499	33.7	27.5	13.6	12.7	11.7	0.7	33.7	34.0	33.5
Norway	440	25.9	21.7	4.6	9.7	33.0	5.1	25.9	25.2	26.6
Oman	1481	17.8	10.4	0.5	27.5	40.0	3.7	17.8	18.7	17.0
Poland	712	27.9	12.7	1.2	22.8	31.4	3.9	27.9	24.7	31.0
Portugal	592	39.8	23.8	4.4	11.1	19.6	1.3	39.8	38.4	41.0
Qatar	586	22.0	17.1	3.3	25.6	30.2	1.8	22.0	26.5	17.7
Romania	666	47.5	16.3	4.6	15.9	11.3	4.4	47.5	50.7	44.7
Russian Federation	645	59.9	15.9	1.3	12.3	8.6	2.0	59.9	59.8	60.1
Saudi Arabia	663	24.4	8.1	7.7	30.7	27.5	1.5	24.4	25.2	23.5
Serbia	631	41.8	19.4	0.5	17.9	16.7	3.6	41.8	39.8	43.4
Singapore	915	87.4	6.5	0.3	3.3	2.2	0.3	87.4	88.2	86.7
Slovak Republic	814	49.0	18.1	5.4	13.3	12.3	1.8	49.0	43.1	54.2
Slovenia	644	48.9	16.2	8.4	12.8	11.6	2.2	48.9	48.2	49.6
Spain	602	31.5	21.3	6.1	17.2	20.9	2.9	31.5	29.2	33.8
Sweden	632	43.7	13.1	1.6	17.0	21.4	3.2	43.7	44.7	42.8
Thailand	641	12.3	3.7	0.0	61.5	21.1	1.5	12.3	10.0	14.6
Tunisia	690	10.5	14.6	7.4	25.5	31.2	10.7	10.5	11.3	9.8
Turkey	1070	27.2	15.3	1.0	35.3	19.6	1.6	27.2	24.8	29.5
United Arab Emirates	2090	27.1	15.7	3.7	20.6	30.6	2.3	27.1	27.6	26.6
United States	1776	48.2	22.6	4.4	15.5	6.7	2.8	48.2	44.7	51.9
Yemen	1125	6.8	5.8	7.4	26.3	48.9	4.7	6.8	7.5	6.3
International Avg. (50)	37190	38.3	16.5	5.4	17.3	19.7	2.8	38.3	37.5	39.1
Botswana (6)	604	29.4	22.1	9.0	29.1	9.0	1.4	29.4	29.1	29.7
Honduras (6)	547	17.2	20.5	3.1	18.7	33.9	6.5	17.2	16.5	18.2
Yemen (6)	713	9.8	7.0	18.3	33.8	30.1	1.0	9.8	9.3	10.1
Alberta, Canada	527	51.2	24.8	5.3	8.3	7.7	2.7	51.2	47.2	55.3
Ontario, Canada	657	42.3	27.0	6.9	9.5	8.6	5.6	42.3	38.0	46.6
Quebec, Canada	610	38.7	21.5	9.0	15.9	13.4	1.4	38.7	33.5	43.9
Abu Dhabi, UAE	589	22.3	14.0	3.3	24.6	32.9	2.9	22.3	23.4	21.2
Dubai, UAE	869	33.7	20.7	5.3	16.7	22.2	1.3	33.7	36.3	31.5
Florida, US	370	48.2	22.0	4.9	14.9	7.2	2.9	48.2	44.4	52.0
North Carolina, US	253	56.9	20.7	4.2	9.7	7.0	1.5	56.9	53.3	60.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_12 (S041209): Earth Science / Knowing

Label: Time Earth orbits the sun once - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	689	46.2	33.9	5.5	46.2	6.2	0.3	7.8	43.1	49.1
Australia	885	46.3	34.5	6.9	46.3	6.0	3.6	2.7	41.4	50.7
Austria	660	55.8	30.5	5.8	55.8	2.6	2.9	2.5	50.1	60.4
Azerbaijan	688	37.7	45.9	3.1	37.7	4.9	2.7	5.7	40.6	34.7
Bahrain	570	30.1	54.7	4.5	30.1	6.3	0.6	3.9	27.3	32.8
Belgium (Flemish)	682	41.8	48.6	4.1	41.8	2.5	0.8	2.1	36.2	47.7
Chile	791	42.4	35.8	4.9	42.4	7.3	2.1	7.6	42.7	42.0
Chinese Taipei	609	46.5	41.0	5.3	46.5	6.3	0.7	0.2	41.8	50.4
Croatia	650	44.5	47.5	1.6	44.5	3.9	1.4	1.1	43.6	45.4
Czech Republic	646	49.5	41.4	4.0	49.5	1.0	2.1	2.1	47.6	51.0
Denmark	562	46.7	35.9	7.4	46.7	3.4	3.0	3.6	46.4	47.0
England	496	52.2	33.6	4.5	52.2	4.5	2.5	2.7	47.7	56.5
Finland	667	52.1	24.6	8.0	52.1	13.8	0.9	0.6	52.5	51.7
Georgia	684	33.7	46.7	4.4	33.7	7.8	0.8	6.7	35.6	32.0
Germany	567	44.8	43.2	4.9	44.8	4.6	0.9	1.6	42.0	47.4
Hong Kong SAR	563	55.0	32.5	5.1	55.0	6.1	1.0	0.4	50.9	58.1
Hungary	752	52.2	36.5	3.9	52.2	3.1	0.6	3.8	51.4	53.0
Iran, Islamic Rep. of	818	51.0	29.9	7.6	51.0	4.1	1.6	5.8	49.0	53.0
Ireland	660	46.4	37.4	4.1	46.4	8.4	1.3	2.3	47.3	45.6
Italy	598	43.1	44.5	3.4	43.1	4.7	1.9	2.5	37.5	49.3
Japan	624	43.1	44.7	4.2	43.1	5.4	0.2	2.4	36.0	49.2
Kazakhstan	626	37.1	50.3	3.8	37.1	2.0	2.5	4.3	31.8	42.0
Korea, Rep. of	614	49.2	42.0	2.9	49.2	5.2	0.5	0.2	46.5	51.9
Kuwait	586	49.5	21.4	13.1	49.5	5.9	5.4	4.6	50.8	47.8
Lithuania	657	38.7	51.1	4.6	38.7	4.2	0.2	1.3	34.2	42.4
Malta	515	43.7	34.7	10.1	43.7	8.6	1.4	1.5	43.0	44.4
Morocco	1088	17.4	43.5	13.0	17.4	12.5	2.8	10.8	17.4	17.5
Netherlands	459	49.4	39.9	6.2	49.4	2.3	0.8	1.5	46.7	52.7
New Zealand	800	32.8	45.1	8.9	32.8	8.4	2.2	2.6	30.0	35.6
Northern Ireland	499	40.7	43.2	5.3	40.7	7.1	2.5	1.0	40.2	41.2
Norway	440	51.3	32.6	4.5	51.3	2.7	2.4	6.5	47.0	55.3
Oman	1481	23.5	47.6	12.8	23.5	10.0	1.3	4.8	24.4	22.7
Poland	712	39.7	45.0	4.6	39.7	4.9	0.7	5.1	36.6	42.6
Portugal	592	54.6	35.2	2.8	54.6	3.9	0.4	3.0	52.2	56.6
Qatar	586	30.6	46.4	9.4	30.6	10.3	1.5	1.8	31.2	30.1
Romania	664	36.3	47.0	2.9	36.3	7.5	1.5	4.9	36.7	35.9
Russian Federation	645	45.6	45.7	4.1	45.6	1.3	0.8	2.6	44.9	46.4
Saudi Arabia	660	31.6	53.1	9.8	31.6	3.6	0.1	1.7	27.0	36.4
Serbia	631	32.0	55.0	3.7	32.0	3.1	1.7	4.6	26.3	36.7
Singapore	915	33.2	52.2	6.4	33.2	7.4	0.3	0.5	31.0	35.5
Slovak Republic	814	53.0	40.3	2.5	53.0	1.4	0.8	2.0	50.5	55.2
Slovenia	643	43.1	48.4	3.0	43.1	1.6	1.2	2.7	42.1	44.2
Spain	602	48.4	42.3	2.0	48.4	1.6	1.0	4.7	45.0	51.8
Sweden	632	68.3	17.6	6.0	68.3	1.7	1.9	4.4	73.6	63.8
Thailand	641	39.0	40.8	5.6	39.0	12.2	0.7	1.6	40.3	37.7
Tunisia	682	19.3	41.6	10.9	19.3	13.5	3.6	11.2	22.5	16.1
Turkey	1070	40.8	47.2	5.2	40.8	4.5	0.7	1.7	39.8	41.6
United Arab Emirates	2090	37.3	43.5	8.2	37.3	6.9	1.2	2.8	36.0	38.6
United States	1776	50.2	36.2	4.3	50.2	4.1	1.7	3.5	48.5	52.0
Yemen	1126	19.6	41.7	11.8	19.6	15.9	5.5	5.5	14.5	23.3
International Avg. (50)	37107	42.3	41.1	5.8	42.3	5.7	1.6	3.4	40.4	44.1
Botswana (6)	604	22.3	40.2	15.7	22.3	18.8	1.3	1.8	23.8	20.6
Honduras (6)	547	30.9	55.1	1.9	30.9	3.6	1.9	6.6	31.9	29.6
Yemen (6)	716	22.5	52.0	8.7	22.5	12.7	2.5	1.5	21.7	23.2
Alberta, Canada	527	34.4	47.1	6.8	34.4	6.1	1.7	3.8	32.2	36.7
Ontario, Canada	657	30.0	51.7	5.0	30.0	6.5	0.9	6.0	25.5	34.3
Quebec, Canada	610	48.4	38.2	4.7	48.4	4.6	1.7	2.3	47.7	49.1
Abu Dhabi, UAE	589	34.8	47.1	8.3	34.8	5.7	0.9	3.2	37.0	32.8
Dubai, UAE	869	43.1	38.8	5.5	43.1	8.1	2.4	2.1	36.5	48.6
Florida, US	370	59.9	28.3	3.6	59.9	3.6	1.7	2.9	56.3	63.3
North Carolina, US	253	51.5	36.5	5.5	51.5	3.3	0.4	2.7	45.4	57.2

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S11_13 (S041081): Earth Science / Knowing
Label: Two things make up crust - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	711	16.2	6.5	15.1	52.5	9.6	22.7	16.2	14.2	17.7
Australia	885	34.2	27.4	24.8	10.6	3.1	61.6	34.2	31.6	36.4
Austria	660	42.5	19.6	14.5	20.6	2.7	62.1	42.5	39.0	45.4
Azerbaijan	687	7.5	10.6	23.8	52.5	5.6	18.1	7.5	8.9	6.0
Bahrain	570	18.4	8.1	51.3	18.1	4.0	26.5	18.4	19.8	17.0
Belgium (Flemish)	682	35.6	28.7	24.6	9.0	2.1	64.3	35.6	30.4	41.2
Chile	791	15.2	12.0	35.3	29.7	7.8	27.2	15.2	14.0	16.5
Chinese Taipei	609	24.8	24.6	28.2	22.3	0.2	49.3	24.8	27.1	22.8
Croatia	650	26.3	17.5	22.0	33.0	1.1	43.9	26.3	24.8	27.8
Czech Republic	646	32.9	20.9	21.8	22.2	2.3	53.8	32.9	27.8	37.2
Denmark	562	45.4	23.2	17.1	10.6	3.8	68.6	45.4	43.0	48.1
England	496	38.0	22.3	23.6	13.1	3.0	60.3	38.0	44.4	31.8
Finland	667	41.2	24.2	19.8	14.2	0.6	65.3	41.2	37.1	44.9
Georgia	683	16.4	8.1	28.2	40.3	7.0	24.5	16.4	16.0	16.9
Germany	567	40.7	21.3	15.1	21.3	1.6	62.0	40.7	36.3	44.7
Hong Kong SAR	563	25.2	32.9	33.4	8.2	0.4	58.0	25.2	26.0	24.5
Hungary	752	31.1	16.8	26.2	22.1	3.8	47.9	31.1	29.0	33.4
Iran, Islamic Rep. of	819	7.1	12.2	46.9	27.8	6.0	19.3	7.1	5.5	8.7
Ireland	660	37.5	25.3	22.2	12.7	2.3	62.8	37.5	41.2	33.8
Italy	598	19.8	28.2	27.9	21.4	2.7	48.0	19.8	17.4	22.4
Japan	624	23.0	30.7	32.6	11.3	2.4	53.7	23.0	23.4	22.6
Kazakhstan	626	17.6	18.3	38.8	19.8	5.4	36.0	17.6	12.9	22.0
Korea, Rep. of	614	28.4	20.6	38.8	12.1	0.2	49.0	28.4	25.9	30.8
Kuwait	593	11.3	11.8	36.5	34.6	5.9	23.1	11.3	13.2	9.0
Lithuania	657	31.1	18.4	26.4	22.9	1.3	49.5	31.1	34.8	28.2
Malta	515	14.3	17.2	36.0	31.0	1.5	31.5	14.3	12.2	16.5
Morocco	1129	1.8	3.9	38.2	44.8	11.3	5.7	1.8	1.1	2.6
Netherlands	459	39.6	37.5	17.8	3.6	1.5	77.2	39.6	36.2	44.5
New Zealand	800	30.7	27.3	30.6	8.8	2.6	58.0	30.7	28.1	33.2
Northern Ireland	499	34.6	24.0	26.1	14.2	1.0	58.7	34.6	33.0	36.1
Norway	440	47.9	25.4	8.6	11.7	6.5	73.2	47.9	46.8	48.9
Oman	1481	22.3	9.2	41.1	22.5	4.9	31.5	22.3	24.4	20.5
Poland	712	22.5	11.4	26.2	34.9	5.1	33.9	22.5	21.8	23.1
Portugal	592	34.9	15.7	28.0	18.3	3.0	50.7	34.9	35.6	34.4
Qatar	585	15.8	8.8	52.3	21.3	1.8	24.6	15.8	17.6	14.0
Romania	666	20.6	23.8	29.1	21.5	4.9	44.4	20.6	21.0	20.3
Russian Federation	645	27.3	36.0	18.4	15.7	2.6	63.3	27.3	26.3	28.2
Saudi Arabia	660	18.0	11.0	44.0	25.4	1.7	29.0	18.0	21.4	14.3
Serbia	631	28.3	16.7	19.2	31.2	4.6	45.0	28.3	25.8	30.3
Singapore	915	20.8	39.1	34.7	5.0	0.5	59.9	20.8	17.0	24.4
Slovak Republic	814	20.5	12.0	42.7	22.7	2.1	32.5	20.5	19.4	21.5
Slovenia	644	32.5	15.8	24.0	24.8	2.8	48.3	32.5	31.4	33.6
Spain	602	21.7	9.4	33.1	31.0	4.7	31.1	21.7	17.7	25.6
Sweden	632	48.2	21.5	12.1	13.4	4.9	69.6	48.2	41.7	53.7
Thailand	641	17.9	16.0	49.4	15.0	1.6	33.9	17.9	16.7	19.2
Tunisia	690	5.7	11.4	41.2	30.0	11.7	17.1	5.7	3.2	8.1
Turkey	1070	15.7	20.1	51.1	11.2	1.8	35.9	15.7	17.3	14.3
United Arab Emirates	2091	16.8	12.4	46.0	21.9	2.9	29.2	16.8	16.4	17.2
United States	1776	39.2	28.8	24.7	3.6	3.7	68.0	39.2	35.8	43.0
Yemen	1126	1.8	5.8	48.2	38.7	5.5	7.6	1.8	1.8	1.7
International Avg. (50)	37187	25.3	19.0	30.4	21.7	3.6	44.3	25.3	24.3	26.4
Botswana (6)	604	3.4	7.0	83.4	4.0	2.2	10.4	3.4	3.8	3.0
Honduras (6)	547	6.4	8.2	58.3	20.4	6.7	14.6	6.4	5.6	7.4
Yemen (6)	714	7.6	10.6	54.0	26.5	1.2	18.2	7.6	8.2	7.2
Alberta, Canada	527	41.0	33.2	17.4	4.6	3.8	74.2	41.0	35.9	46.1
Ontario, Canada	657	35.8	28.4	22.4	7.5	6.0	64.1	35.8	37.7	34.0
Quebec, Canada	610	25.3	23.4	32.0	17.0	2.3	48.7	25.3	21.1	29.4
Abu Dhabi, UAE	589	12.8	12.1	49.9	22.1	3.2	24.8	12.8	14.7	10.9
Dubai, UAE	870	27.8	14.7	35.5	19.9	2.2	42.5	27.8	23.8	31.2
Florida, US	370	41.3	28.8	22.3	4.3	3.4	70.1	41.3	34.4	48.0
North Carolina, US	253	37.6	31.5	24.1	4.1	2.7	69.1	37.6	36.4	38.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S11_14 (S041102): Earth Science / Applying
Label: In which place will it snow - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	646	41.5	20.3	15.5	41.5	6.1	1.2	15.4	40.2	42.8
Australia	885	63.7	14.5	13.4	63.7	2.5	2.7	3.2	59.5	67.5
Austria	660	63.6	5.8	9.8	63.6	8.0	8.0	4.8	61.7	65.1
Azerbaijan	687	49.1	16.2	13.4	49.1	5.6	4.7	10.9	49.9	48.4
Bahrain	570	37.4	35.4	13.9	37.4	5.6	2.5	5.1	40.4	34.4
Belgium (Flemish)	682	83.0	2.4	6.9	83.0	1.3	2.7	3.9	81.3	84.7
Chile	791	58.5	19.0	8.6	58.5	3.3	1.3	9.4	56.2	60.9
Chinese Taipei	609	64.7	4.6	27.3	64.7	2.1	0.8	0.5	60.7	68.1
Croatia	650	80.2	6.4	7.9	80.2	1.8	1.5	2.2	79.0	81.4
Czech Republic	646	83.8	3.9	4.1	83.8	1.3	3.0	4.0	84.8	83.0
Denmark	562	77.2	4.7	6.6	77.2	1.8	4.8	4.9	74.8	79.9
England	496	71.9	7.6	11.0	71.9	2.2	3.4	3.8	70.5	73.2
Finland	667	85.4	6.3	4.9	85.4	0.8	1.8	0.9	84.6	86.1
Georgia	683	44.8	16.6	17.0	44.8	9.0	2.7	9.8	45.0	44.6
Germany	567	69.1	5.1	6.5	69.1	10.6	5.5	3.2	65.0	72.9
Hong Kong SAR	563	67.4	3.6	27.3	67.4	1.1	0.2	0.4	59.4	73.6
Hungary	752	73.2	5.9	7.9	73.2	2.7	4.6	5.7	73.0	73.4
Iran, Islamic Rep. of	819	34.7	36.8	11.4	34.7	5.5	3.5	8.1	30.3	39.0
Ireland	660	73.1	10.5	9.8	73.1	2.6	1.4	2.7	73.4	72.7
Italy	598	74.3	10.5	6.6	74.3	1.4	2.9	4.4	72.6	76.2
Japan	624	81.8	4.2	9.5	81.8	0.2	1.5	2.8	82.0	81.7
Kazakhstan	626	56.4	14.9	16.5	56.4	5.3	0.9	6.0	50.2	62.0
Korea, Rep. of	614	82.3	3.7	12.0	82.3	1.6	0.3	0.2	79.8	84.8
Kuwait	584	30.7	22.6	23.2	30.7	9.7	7.1	6.8	33.9	26.7
Lithuania	657	69.6	10.2	12.0	69.6	2.6	2.8	2.8	66.2	72.4
Malta	515	58.9	11.1	17.5	58.9	5.4	3.3	3.8	61.0	56.8
Morocco	1013	28.9	22.7	24.1	28.9	7.8	3.0	13.4	27.4	30.6
Netherlands	459	85.7	4.8	4.3	85.7	1.5	1.3	2.3	85.1	86.3
New Zealand	800	60.7	15.8	12.0	60.7	5.4	2.9	3.1	58.8	62.6
Northern Ireland	499	80.2	6.2	9.6	80.2	1.6	1.1	1.2	78.8	81.4
Norway	440	72.3	5.3	7.8	72.3	1.9	4.8	7.9	75.5	69.4
Oman	1481	34.7	29.4	16.4	34.7	9.3	3.7	6.4	36.6	33.0
Poland	712	65.8	8.2	14.2	65.8	3.1	2.3	6.4	66.1	65.5
Portugal	592	74.8	12.2	4.3	74.8	2.7	1.3	4.6	73.3	76.0
Qatar	585	45.5	25.8	16.9	45.5	6.8	2.3	2.8	46.4	44.6
Romania	663	61.0	9.0	13.4	61.0	3.8	5.7	7.0	64.6	57.9
Russian Federation	645	67.2	7.1	17.6	67.2	2.4	1.8	3.9	66.8	67.6
Saudi Arabia	649	33.8	36.7	15.2	33.8	8.4	2.1	3.8	35.1	32.5
Serbia	631	64.0	4.6	16.3	64.0	3.9	4.1	7.2	65.1	63.0
Singapore	915	57.9	6.3	31.1	57.9	4.2	0.0	0.6	53.4	62.2
Slovak Republic	814	71.5	6.4	13.4	71.5	4.0	1.7	2.8	71.7	71.4
Slovenia	629	74.8	9.2	9.9	74.8	1.3	1.6	3.2	76.8	72.9
Spain	602	67.7	15.0	4.6	67.7	2.7	4.1	6.0	65.1	70.2
Sweden	632	77.1	4.5	9.7	77.1	1.7	1.9	5.1	77.1	77.1
Thailand	641	36.4	23.7	24.0	36.4	12.6	1.0	2.2	32.3	40.4
Tunisia	668	37.6	17.6	14.1	37.6	8.6	7.7	14.5	37.6	37.5
Turkey	1069	45.7	17.1	21.0	45.7	13.2	0.5	2.5	44.3	47.1
United Arab Emirates	2091	41.6	28.4	15.7	41.6	7.7	2.6	4.0	41.5	41.6
United States	1776	69.5	11.8	10.4	69.5	2.2	1.5	4.5	67.3	72.0
Yemen	1126	30.0	16.9	27.2	30.0	11.2	6.9	7.9	28.5	31.1
International Avg. (50)	36945	61.2	12.9	13.5	61.2	4.6	2.8	5.0	60.2	62.1
Botswana (6)	604	36.7	29.2	19.0	36.7	11.7	1.1	2.3	37.9	35.4
Honduras (6)	547	27.0	35.0	14.9	27.0	10.0	4.5	8.6	21.4	34.2
Yemen (6)	716	37.2	23.9	22.0	37.2	7.1	6.4	3.3	40.9	34.5
Alberta, Canada	527	78.0	7.9	5.9	78.0	1.3	2.9	4.0	75.7	80.3
Ontario, Canada	657	74.6	7.3	7.8	74.6	1.6	1.9	6.8	70.4	78.7
Quebec, Canada	610	72.8	6.7	9.6	72.8	3.4	4.1	3.4	73.8	71.8
Abu Dhabi, UAE	589	38.3	30.1	16.9	38.3	8.0	2.6	4.1	41.3	35.5
Dubai, UAE	870	50.4	20.7	16.1	50.4	7.2	2.2	3.3	44.1	55.8
Florida, US	370	64.8	12.5	16.4	64.8	1.3	0.5	4.5	60.1	69.3
North Carolina, US	253	65.9	11.2	15.0	65.9	1.5	3.0	3.4	61.7	69.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_01 (S051161): Life Science / Knowing
Label: Function of human muscles - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	649	42.6	12.1	26.3	14.8	42.6	3.9	0.3	40.1	44.8
Australia	872	43.2	14.0	33.4	7.1	43.2	2.2	0.0	39.8	46.6
Austria	656	65.2	6.0	22.5	3.3	65.2	3.0	0.0	64.7	65.6
Azerbaijan	693	69.1	5.9	10.8	5.1	69.1	7.3	1.8	72.8	65.4
Bahrain	579	41.7	8.1	37.1	10.7	41.7	2.0	0.4	42.9	40.5
Belgium (Flemish)	689	63.1	9.2	19.5	6.7	63.1	1.4	0.1	62.4	63.9
Chile	784	42.1	6.1	41.2	7.9	42.1	1.8	0.9	45.3	39.3
Chinese Taipei	.	.	.	.	.	.	.	.	.	.
Croatia	657	76.8	2.4	17.9	2.0	76.8	1.0	0.0	74.2	78.9
Czech Republic	652	55.2	8.7	28.2	4.6	55.2	3.3	0.0	53.4	56.7
Denmark	553	52.5	12.4	21.3	9.8	52.5	3.7	0.3	49.9	55.2
England	496	49.5	8.3	33.0	7.3	49.5	1.7	0.1	52.8	46.4
Finland	659	57.0	1.2	37.9	3.2	57.0	0.8	0.0	54.3	59.6
Georgia	699	56.6	4.0	29.1	6.3	56.6	3.2	0.9	63.8	49.8
Germany	575	60.1	7.1	23.5	5.6	60.1	3.8	0.0	59.0	61.1
Hong Kong SAR	562	37.9	4.9	51.3	5.0	37.9	0.9	0.0	33.2	42.2
Hungary	747	64.8	2.0	25.9	5.5	64.8	1.8	0.0	62.3	67.6
Iran, Islamic Rep. of	818	45.4	13.5	25.9	10.3	45.4	4.7	0.2	45.8	45.1
Ireland	649	55.2	9.1	30.4	3.7	55.2	1.4	0.2	53.9	56.5
Italy	592	51.8	3.3	29.9	10.6	51.8	4.2	0.3	56.2	47.1
Japan	625	57.1	4.5	21.9	15.8	57.1	0.6	0.1	52.4	61.9
Kazakhstan	622	60.6	4.8	25.9	6.9	60.6	1.6	0.3	57.5	63.8
Korea, Rep. of	617	35.0	3.8	45.7	15.0	35.0	0.5	0.0	33.4	36.7
Kuwait	587	39.9	10.2	26.8	15.2	39.9	6.6	1.3	45.7	32.8
Lithuania	659	48.5	12.6	30.9	6.7	48.5	1.3	0.0	42.2	53.9
Malta	514	38.7	12.5	36.3	10.3	38.7	2.2	0.0	39.0	38.4
Morocco	1094	30.8	9.0	30.5	23.8	30.8	4.8	1.1	30.4	31.3
Netherlands	468	65.5	17.0	11.9	5.1	65.5	0.5	0.0	64.2	67.3
New Zealand	790	44.6	13.2	34.7	5.7	44.6	1.9	0.0	43.5	45.7
Northern Ireland	500	51.0	10.9	31.7	4.7	51.0	1.7	0.0	50.8	51.2
Norway	445	55.3	13.4	25.3	2.6	55.3	3.0	0.5	49.9	59.9
Oman	1484	35.7	12.3	29.5	17.3	35.7	4.6	0.6	38.6	33.2
Poland	716	53.0	8.8	31.9	3.1	53.0	3.1	0.1	54.2	51.9
Portugal	584	45.4	2.2	45.2	4.7	45.4	2.6	0.0	43.5	47.1
Qatar	587	35.5	14.8	33.7	13.8	35.5	1.9	0.4	35.6	35.3
Romania	655	59.7	3.0	27.9	5.2	59.7	4.1	0.2	57.9	61.2
Russian Federation	648	62.7	9.1	20.2	6.6	62.7	1.3	0.2	64.7	60.8
Saudi Arabia	672	45.9	9.5	26.1	16.5	45.9	1.3	0.7	48.6	43.1
Serbia	628	57.1	9.7	25.4	2.7	57.1	4.9	0.2	59.2	54.9
Singapore	906	68.3	7.0	23.3	1.4	68.3	0.0	0.0	65.3	71.3
Slovak Republic	796	58.9	7.7	29.0	3.2	58.9	1.2	0.0	58.5	59.3
Slovenia	645	62.0	4.2	26.6	5.1	62.0	2.1	0.0	55.0	69.3
Spain	594	36.8	6.2	47.5	5.4	36.8	4.1	0.0	36.4	37.3
Sweden	624	75.3	6.7	10.3	4.3	75.3	3.2	0.1	74.1	76.3
Thailand	629	36.2	7.3	45.1	10.0	36.2	1.4	0.0	38.6	33.8
Tunisia	678	39.8	6.1	28.2	17.5	39.8	7.4	1.1	47.1	33.8
Turkey	1080	69.1	3.9	19.1	7.5	69.1	0.4	0.0	69.0	69.2
United Arab Emirates	2079	38.9	9.5	37.0	11.5	38.9	2.6	0.5	42.5	35.3
United States	1789	42.9	11.6	37.0	7.1	42.9	1.0	0.4	39.6	46.2
Yemen	1136	28.3	7.6	29.9	23.4	28.3	9.1	1.6	27.5	28.9
International Avg. (49)	36432	51.2	8.1	29.4	8.3	51.2	2.7	0.3	50.8	51.5
Botswana (6)	609	26.7	20.4	37.4	15.3	26.7	0.1	0.0	27.1	26.2
Honduras (6)	553	31.3	12.1	44.0	8.0	31.3	3.8	0.7	30.6	32.1
Yemen (6)	702	34.4	7.7	32.0	20.1	34.4	5.5	0.3	32.8	35.5
Alberta, Canada	531	43.1	14.9	34.7	4.6	43.1	2.0	0.7	38.5	47.0
Ontario, Canada	649	44.4	13.4	33.7	6.3	44.4	1.8	0.4	45.0	43.8
Quebec, Canada	617	51.1	12.8	26.6	7.6	51.1	1.9	0.0	49.5	52.7
Abu Dhabi, UAE	591	38.8	11.1	38.2	9.8	38.8	1.7	0.4	44.7	32.8
Dubai, UAE	867	37.0	11.1	37.7	10.3	37.0	3.4	0.6	37.2	36.8
Florida, US	375	40.4	15.6	36.5	7.1	40.4	0.5	0.0	39.8	41.0
North Carolina, US	250	40.0	15.8	38.6	4.0	40.0	1.7	0.0	37.1	43.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_02 (S051051): Life Science / Knowing
Label: Main function of leaves - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	657	21.9	30.7	21.9	27.8	13.6	5.7	0.3	21.0	22.6
Australia	872	14.2	31.2	14.2	42.0	10.7	1.9	0.0	14.2	14.2
Austria	656	18.2	39.8	18.2	26.3	12.5	3.2	0.0	13.4	22.5
Azerbaijan	693	29.4	33.6	29.4	21.5	7.8	5.4	2.3	30.5	28.4
Bahrain	579	62.0	20.7	62.0	11.2	5.4	0.3	0.4	65.6	58.5
Belgium (Flemish)	689	16.5	34.4	16.5	31.5	16.6	0.9	0.2	18.8	14.0
Chile	784	28.4	42.2	28.4	18.0	9.2	1.3	0.9	29.0	27.8
Chinese Taipei	622	36.1	26.5	36.1	26.2	10.3	0.7	0.2	33.4	38.4
Croatia	657	52.1	21.4	52.1	15.8	8.9	1.8	0.0	55.3	49.4
Czech Republic	652	37.5	31.7	37.5	21.3	5.6	3.8	0.0	34.6	40.1
Denmark	553	12.6	36.9	12.6	27.9	18.2	4.1	0.3	14.1	11.0
England	496	32.2	25.8	32.2	25.2	14.7	2.0	0.1	31.2	33.2
Finland	659	49.7	24.5	49.7	17.3	7.1	1.3	0.0	51.0	48.5
Georgia	699	14.4	37.9	14.4	24.7	16.7	4.7	1.5	16.2	12.7
Germany	575	15.3	42.5	15.3	29.7	9.6	2.7	0.3	15.1	15.5
Hong Kong SAR	562	50.2	27.1	50.2	18.3	3.9	0.4	0.0	47.3	53.0
Hungary	747	43.5	19.8	43.5	24.9	9.6	2.3	0.0	41.1	46.1
Iran, Islamic Rep. of	818	72.1	13.3	72.1	10.0	2.4	1.8	0.3	74.2	70.0
Ireland	649	21.4	29.8	21.4	30.9	16.3	1.4	0.2	21.0	21.7
Italy	592	37.1	36.1	37.1	18.6	6.3	1.7	0.3	36.5	37.8
Japan	625	45.7	23.4	45.7	23.1	6.8	0.8	0.1	47.0	44.4
Kazakhstan	622	26.6	42.8	26.6	15.8	12.1	1.9	0.7	27.6	25.6
Korea, Rep. of	617	61.7	22.0	61.7	11.5	4.2	0.6	0.0	61.9	61.6
Kuwait	586	54.6	15.2	54.6	16.6	6.1	6.2	1.3	59.8	48.4
Lithuania	659	23.8	44.6	23.8	20.9	9.8	1.0	0.0	25.8	22.0
Malta	514	20.0	27.1	20.0	35.4	16.3	1.2	0.0	19.1	20.9
Morocco	1093	27.0	20.1	27.0	32.6	14.9	4.1	1.3	30.5	23.7
Netherlands	468	18.9	34.9	18.9	32.2	12.9	1.1	0.0	21.0	16.6
New Zealand	790	12.3	33.3	12.3	39.8	12.5	2.0	0.0	11.5	13.2
Northern Ireland	500	19.0	30.9	19.0	31.3	18.0	0.8	0.0	15.4	22.2
Norway	445	14.4	29.0	14.4	42.6	12.2	1.3	0.5	13.4	15.3
Oman	1484	53.6	17.8	53.6	17.0	9.4	1.7	0.6	57.2	50.2
Poland	716	14.5	33.4	14.5	35.2	13.2	3.6	0.2	14.6	14.3
Portugal	584	22.8	31.3	22.8	32.5	11.2	2.2	0.0	21.6	23.8
Qatar	587	47.0	18.8	47.0	18.7	12.9	2.1	0.5	51.1	43.2
Romania	654	57.6	18.1	57.6	15.5	5.7	2.9	0.2	63.6	52.2
Russian Federation	648	44.5	31.7	44.5	16.6	6.0	1.0	0.2	45.4	43.7
Saudi Arabia	672	44.2	29.3	44.2	16.3	8.5	1.0	0.7	45.5	42.8
Serbia	628	39.3	25.1	39.3	18.4	13.3	2.9	1.1	42.4	36.0
Singapore	906	87.0	7.6	87.0	3.8	1.6	0.0	0.0	88.0	86.0
Slovak Republic	796	15.5	36.9	15.5	40.0	6.2	1.4	0.0	14.7	16.2
Slovenia	643	25.9	32.2	25.9	30.0	9.4	2.3	0.2	23.2	28.7
Spain	594	39.6	32.3	39.6	17.8	7.7	2.7	0.0	33.2	46.2
Sweden	624	47.2	18.7	47.2	19.5	12.4	1.9	0.1	47.4	47.1
Thailand	629	55.0	16.6	55.0	20.4	6.9	1.0	0.0	55.4	54.5
Tunisia	680	19.1	22.2	19.1	30.7	19.8	7.1	1.1	19.3	18.9
Turkey	1080	31.8	34.2	31.8	20.3	13.5	0.2	0.0	30.8	32.8
United Arab Emirates	2079	51.7	19.1	51.7	20.1	6.1	2.5	0.6	54.3	49.0
United States	1789	40.4	22.7	40.4	25.3	9.9	1.2	0.5	37.8	43.1
Yemen	1136	29.5	18.6	29.5	29.8	13.4	7.1	1.6	31.8	27.8
International Avg. (50)	37059	35.1	27.9	35.1	24.0	10.4	2.3	0.4	35.5	34.7
Botswana (6)	609	33.7	25.5	33.7	28.9	11.7	0.1	0.0	35.0	32.4
Honduras (6)	553	19.3	40.8	19.3	27.0	8.5	3.5	0.9	13.3	25.4
Yemen (6)	702	38.2	23.7	38.2	23.4	10.1	4.4	0.3	39.7	37.1
Alberta, Canada	531	25.9	28.8	25.9	26.0	16.9	1.8	0.7	26.3	25.5
Ontario, Canada	649	37.2	26.4	37.2	23.9	10.0	2.0	0.4	37.1	37.4
Quebec, Canada	617	12.3	41.0	12.3	26.6	17.9	2.2	0.0	14.5	9.9
Abu Dhabi, UAE	591	49.1	18.8	49.1	24.9	4.6	2.3	0.4	52.4	45.8
Dubai, UAE	867	56.3	19.5	56.3	15.1	6.2	2.3	0.6	57.2	55.5
Florida, US	375	46.7	20.4	46.7	23.9	8.8	0.2	0.0	45.7	47.6
North Carolina, US	250	33.5	22.7	33.5	30.9	11.4	1.5	0.0	29.9	37.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_03A (S051138A): Life Science / Knowing
Label: 1: Cockatoo's features - Key: B

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	577	39.6	44.0	39.6	16.1	0.3	38.9	40.0
Australia	872	53.1	39.8	53.1	7.1	0.0	53.7	52.4
Austria	656	48.6	43.4	48.6	8.0	0.0	48.6	48.6
Azerbaijan	693	24.4	54.4	24.4	18.7	2.5	29.0	19.9
Bahrain	579	36.9	50.7	36.9	12.0	0.4	35.3	38.3
Belgium (Flemish)	689	46.3	50.5	46.3	3.0	0.2	41.9	51.3
Chile	784	40.5	50.4	40.5	8.1	1.0	43.2	38.1
Chinese Taipei	622	59.9	36.8	59.9	3.1	0.2	67.9	53.2
Croatia	657	50.6	38.7	50.6	10.6	0.0	51.2	50.2
Czech Republic	652	41.8	51.2	41.8	6.9	0.0	41.9	41.7
Denmark	553	42.2	45.4	42.2	11.4	1.0	41.7	42.7
England	496	53.9	38.5	53.9	7.3	0.2	57.3	50.6
Finland	659	59.7	36.7	59.7	3.6	0.0	63.3	56.2
Georgia	698	24.1	45.3	24.1	28.2	2.4	26.2	22.2
Germany	575	48.5	48.2	48.5	3.0	0.3	49.3	47.6
Hong Kong SAR	562	75.2	24.3	75.2	0.5	0.0	75.7	74.6
Hungary	747	49.4	45.3	49.4	5.3	0.0	53.3	45.2
Iran, Islamic Rep. of	818	24.5	53.6	24.5	21.5	0.3	23.2	25.9
Ireland	649	47.3	39.5	47.3	13.0	0.3	51.2	43.2
Italy	592	39.9	52.3	39.9	7.6	0.3	41.1	38.6
Japan	625	60.1	38.2	60.1	1.6	0.1	63.8	56.5
Kazakhstan	622	28.6	49.2	28.6	21.4	0.7	23.6	33.8
Korea, Rep. of	617	67.2	30.9	67.2	1.9	0.0	68.5	65.9
Kuwait	578	25.1	56.1	25.1	17.5	1.3	23.4	27.1
Lithuania	659	56.7	38.9	56.7	4.5	0.0	63.0	51.3
Malta	514	38.9	54.4	38.9	6.6	0.0	42.5	35.5
Morocco	1122	26.6	49.1	26.6	22.9	1.4	25.5	27.6
Netherlands	468	63.8	35.0	63.8	1.3	0.0	67.8	59.0
New Zealand	790	43.0	40.0	43.0	17.0	0.0	45.3	40.7
Northern Ireland	500	52.9	38.5	52.9	8.6	0.0	61.4	45.4
Norway	445	46.3	42.7	46.3	10.5	0.5	50.8	42.4
Oman	1484	23.6	55.8	23.6	20.1	0.6	24.2	23.0
Poland	716	38.7	54.9	38.7	6.1	0.2	42.1	35.6
Portugal	584	50.2	46.5	50.2	3.3	0.0	48.3	51.8
Qatar	587	28.6	53.1	28.6	17.4	0.8	31.2	26.2
Romania	654	35.0	45.0	35.0	19.8	0.2	38.1	32.2
Russian Federation	648	48.3	38.1	48.3	13.4	0.2	49.5	47.2
Saudi Arabia	671	31.3	52.1	31.3	15.7	0.8	33.6	28.9
Serbia	628	51.0	37.4	51.0	10.5	1.1	49.0	53.1
Singapore	906	64.9	32.4	64.9	2.8	0.0	66.6	63.2
Slovak Republic	796	49.2	41.9	49.2	8.8	0.0	55.3	43.7
Slovenia	645	45.3	50.9	45.3	3.6	0.2	47.6	42.9
Spain	594	41.0	53.1	41.0	5.9	0.0	38.3	43.9
Sweden	624	49.8	42.5	49.8	7.6	0.1	51.9	48.1
Thailand	629	39.5	43.7	39.5	16.9	0.0	36.7	42.3
Tunisia	684	26.8	48.6	26.8	23.4	1.2	28.1	25.8
Turkey	1080	28.7	61.0	28.7	10.3	0.0	28.1	29.4
United Arab Emirates	2078	32.9	53.1	32.9	13.2	0.8	34.9	30.9
United States	1789	57.3	34.4	57.3	7.6	0.6	59.9	54.6
Yemen	1136	18.0	39.1	18.0	40.9	2.0	21.3	15.6
International Avg. (50)	37003	43.5	44.9	43.5	11.1	0.4	45.1	42.1
Botswana (6)	609	18.6	59.5	18.6	21.9	0.0	17.6	19.6
Honduras (6)	553	18.7	67.7	18.7	12.2	1.4	19.6	17.8
Yemen (6)	702	19.5	41.3	19.5	38.8	0.4	19.5	19.5
Alberta, Canada	531	54.2	39.8	54.2	5.2	0.7	57.6	51.3
Ontario, Canada	649	49.9	41.8	49.9	7.9	0.4	54.5	45.1
Quebec, Canada	617	43.9	52.0	43.9	4.1	0.0	48.0	39.4
Abu Dhabi, UAE	591	29.2	55.7	29.2	14.5	0.6	33.1	25.3
Dubai, UAE	866	38.3	49.7	38.3	11.4	0.6	38.5	38.2
Florida, US	375	57.5	36.5	57.5	6.1	0.0	60.0	54.9
North Carolina, US	250	53.9	40.3	53.9	5.9	0.0	61.0	46.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_03B (S051138B): Life Science / Knowing
Label: 2: Cockatoo's features - Key: A

COUNTRY	N	DIFF %	A %	B %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	568	59.0	59.0	15.7	25.0	0.3	59.5	58.7
Australia	872	79.1	79.1	15.6	5.3	0.0	79.7	78.5
Austria	656	81.1	81.1	14.3	4.6	0.0	83.1	79.4
Azerbaijan	693	43.1	43.1	20.9	33.4	2.5	47.7	38.6
Bahrain	579	67.8	67.8	17.3	14.5	0.4	63.7	71.8
Belgium (Flemish)	689	77.5	77.5	20.2	2.1	0.2	77.6	77.3
Chile	784	77.9	77.9	15.8	5.2	1.0	82.1	74.2
Chinese Taipei	622	84.3	84.3	14.4	1.2	0.2	87.4	81.6
Croatia	657	75.5	75.5	17.8	6.6	0.0	79.2	72.5
Czech Republic	652	89.0	89.0	8.2	2.8	0.0	87.1	90.6
Denmark	553	77.8	77.8	10.5	10.7	1.0	77.0	78.6
England	496	73.0	73.0	19.2	7.6	0.2	77.7	68.5
Finland	659	81.6	81.6	14.3	4.1	0.0	84.2	79.0
Georgia	698	67.6	67.6	9.2	20.8	2.4	69.4	65.9
Germany	575	81.3	81.3	15.4	3.0	0.3	81.8	80.8
Hong Kong SAR	562	85.4	85.4	13.8	0.8	0.0	85.2	85.6
Hungary	747	85.3	85.3	10.4	4.3	0.0	84.3	86.4
Iran, Islamic Rep. of	818	37.8	37.8	32.6	29.2	0.3	38.1	37.5
Ireland	649	80.9	80.9	14.1	4.8	0.3	83.5	78.1
Italy	592	80.3	80.3	11.8	7.7	0.3	82.7	77.7
Japan	625	75.2	75.2	23.1	1.6	0.1	80.2	70.3
Kazakhstan	622	62.9	62.9	9.0	27.3	0.7	62.3	63.4
Korea, Rep. of	617	80.7	80.7	17.8	1.5	0.0	81.5	79.9
Kuwait	575	55.7	55.7	22.7	20.2	1.4	57.7	53.3
Lithuania	659	80.8	80.8	16.3	2.9	0.0	86.0	76.3
Malta	514	67.7	67.7	26.2	6.2	0.0	69.7	65.7
Morocco	1120	56.7	56.7	22.1	19.8	1.4	58.3	55.1
Netherlands	468	77.1	77.1	21.8	1.1	0.0	79.5	74.6
New Zealand	790	75.2	75.2	12.9	11.9	0.0	76.8	73.5
Northern Ireland	500	81.9	81.9	14.2	3.9	0.0	87.7	76.8
Norway	445	69.4	69.4	23.4	6.7	0.5	71.6	67.6
Oman	1484	43.3	43.3	30.2	25.9	0.6	44.1	42.6
Poland	716	82.7	82.7	12.5	4.6	0.2	84.3	81.2
Portugal	584	78.9	78.9	17.5	3.6	0.0	77.4	80.3
Qatar	587	62.5	62.5	22.9	13.8	0.8	65.8	59.4
Romania	650	76.1	76.1	9.4	14.3	0.2	78.4	74.0
Russian Federation	648	75.5	75.5	13.1	11.2	0.2	76.8	74.2
Saudi Arabia	669	63.9	63.9	21.0	14.3	0.8	68.4	58.9
Serbia	628	69.4	69.4	20.5	9.1	1.1	70.0	68.6
Singapore	906	85.6	85.6	12.7	1.7	0.0	86.3	84.8
Slovak Republic	796	70.5	70.5	19.0	10.4	0.0	78.5	63.2
Slovenia	644	81.8	81.8	15.1	3.0	0.2	81.8	81.8
Spain	594	79.9	79.9	15.3	4.8	0.0	77.5	82.3
Sweden	624	78.6	78.6	16.7	4.6	0.1	86.6	72.2
Thailand	629	74.7	74.7	11.9	13.4	0.0	80.1	69.1
Tunisia	683	52.1	52.1	26.1	20.6	1.2	48.3	55.1
Turkey	1080	64.1	64.1	23.9	12.1	0.0	65.8	62.4
United Arab Emirates	2078	66.7	66.7	19.7	12.8	0.8	68.5	64.8
United States	1789	84.2	84.2	11.0	4.2	0.6	86.2	82.2
Yemen	1136	33.9	33.9	20.1	44.0	2.0	36.9	31.7
International Avg. (50)	36981	71.9	71.9	17.2	10.5	0.4	73.7	70.1
Botswana (6)	609	56.9	56.9	15.3	27.9	0.0	58.4	55.3
Honduras (6)	553	74.9	74.9	6.4	17.3	1.4	75.1	74.7
Yemen (6)	702	38.8	38.8	15.3	45.4	0.4	43.4	35.4
Alberta, Canada	531	82.6	82.6	12.9	3.7	0.7	84.9	80.6
Ontario, Canada	649	78.3	78.3	15.9	5.4	0.4	81.9	74.5
Quebec, Canada	617	79.2	79.2	15.9	4.8	0.0	81.9	76.3
Abu Dhabi, UAE	591	64.1	64.1	21.3	14.0	0.6	67.4	60.9
Dubai, UAE	866	69.8	69.8	18.0	11.7	0.6	71.3	68.3
Florida, US	375	86.2	86.2	9.8	4.0	0.0	86.9	85.4
North Carolina, US	250	80.8	80.8	16.0	3.2	0.0	83.1	78.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_03Z (S051138Z): Life Science / Knowing
Label: Cockatoo's features- DERIVED - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	530	35.5	49.9	14.2	0.3	35.5	36.6	34.8
Australia	872	49.1	49.1	1.9	0.0	49.1	50.3	47.9
Austria	656	45.0	52.4	2.6	0.0	45.0	45.1	45.0
Azerbaijan	693	21.0	65.5	11.1	2.5	21.0	24.7	17.3
Bahrain	579	33.9	58.5	7.2	0.4	33.9	32.9	34.9
Belgium (Flemish)	689	40.9	57.9	1.0	0.2	40.9	38.5	43.7
Chile	784	38.5	57.5	3.0	1.0	38.5	41.1	36.1
Chinese Taipei	622	57.0	42.4	0.5	0.2	57.0	64.7	50.4
Croatia	657	46.4	49.9	3.7	0.0	46.4	49.1	44.1
Czech Republic	652	39.8	58.1	2.1	0.0	39.8	41.0	38.8
Denmark	553	37.5	53.8	7.7	1.0	37.5	36.7	38.3
England	496	50.9	47.4	1.5	0.2	50.9	54.6	47.4
Finland	659	56.1	43.3	0.6	0.0	56.1	60.9	51.5
Georgia	698	21.7	64.0	11.8	2.4	21.7	23.6	20.0
Germany	575	45.7	52.9	1.1	0.3	45.7	46.1	45.3
Hong Kong SAR	562	71.6	28.1	0.2	0.0	71.6	72.0	71.2
Hungary	747	47.6	50.7	1.7	0.0	47.6	50.9	44.0
Iran, Islamic Rep. of	818	16.9	67.2	15.5	0.3	16.9	16.7	17.2
Ireland	649	43.9	54.6	1.2	0.3	43.9	48.9	38.8
Italy	592	37.6	59.6	2.5	0.3	37.6	40.0	35.0
Japan	625	56.5	42.6	0.8	0.1	56.5	61.2	51.8
Kazakhstan	622	25.5	64.1	9.7	0.7	25.5	20.8	30.4
Korea, Rep. of	617	64.3	34.7	0.9	0.0	64.3	66.3	62.3
Kuwait	573	22.3	63.6	12.7	1.4	22.3	20.7	24.3
Lithuania	659	52.9	45.8	1.3	0.0	52.9	59.9	47.0
Malta	514	35.2	61.5	3.3	0.0	35.2	36.5	34.0
Morocco	1115	22.0	66.7	9.8	1.5	22.0	21.0	23.0
Netherlands	468	58.9	40.5	0.6	0.0	58.9	63.0	53.9
New Zealand	790	38.9	55.6	5.4	0.0	38.9	40.8	37.1
Northern Ireland	500	50.3	48.1	1.6	0.0	50.3	58.2	43.3
Norway	445	34.6	60.3	4.6	0.5	34.6	39.8	30.2
Oman	1484	18.7	67.5	13.2	0.6	18.7	19.7	17.8
Poland	716	36.1	61.3	2.4	0.2	36.1	39.4	33.0
Portugal	584	47.1	51.0	1.9	0.0	47.1	43.8	50.1
Qatar	587	24.6	62.9	11.7	0.8	24.6	27.3	22.1
Romania	650	32.8	59.6	7.4	0.2	32.8	36.4	29.5
Russian Federation	648	46.2	50.0	3.7	0.2	46.2	47.5	44.9
Saudi Arabia	666	28.0	63.9	7.3	0.8	28.0	31.3	24.4
Serbia	628	46.3	47.7	4.9	1.1	46.3	44.8	47.9
Singapore	906	62.0	37.3	0.8	0.0	62.0	64.4	59.6
Slovak Republic	796	43.8	50.9	5.3	0.0	43.8	52.6	35.7
Slovenia	644	42.9	55.6	1.4	0.2	42.9	45.9	39.7
Spain	594	39.0	58.5	2.5	0.0	39.0	36.8	41.3
Sweden	624	44.9	52.4	2.6	0.1	44.9	50.3	40.6
Thailand	629	36.0	56.8	7.1	0.0	36.0	34.4	37.7
Tunisia	682	22.5	59.9	16.4	1.2	22.5	21.6	23.2
Turkey	1080	25.0	69.5	5.5	0.0	25.0	25.4	24.5
United Arab Emirates	2078	28.7	64.7	5.8	0.8	28.7	30.9	26.4
United States	1789	55.4	41.6	2.4	0.6	55.4	58.8	51.9
Yemen	1136	10.9	57.1	30.0	2.0	10.9	14.5	8.4
International Avg. (50)	36932	39.8	54.3	5.5	0.4	39.8	41.8	38.0
Botswana (6)	609	15.5	74.5	9.9	0.0	15.5	17.1	13.9
Honduras (6)	553	17.6	74.1	6.9	1.4	17.6	17.9	17.2
Yemen (6)	702	13.9	55.9	29.7	0.4	13.9	15.8	12.5
Alberta, Canada	531	51.2	47.3	0.7	0.7	51.2	55.3	47.7
Ontario, Canada	649	45.2	52.0	2.4	0.4	45.2	50.6	39.6
Quebec, Canada	617	38.4	60.1	1.5	0.0	38.4	43.2	33.1
Abu Dhabi, UAE	591	25.4	67.3	6.7	0.6	25.4	29.4	21.5
Dubai, UAE	866	34.6	59.4	5.5	0.6	34.6	35.6	33.7
Florida, US	375	55.4	42.4	2.2	0.0	55.4	57.0	53.8
North Carolina, US	250	50.7	47.9	1.4	0.0	50.7	59.6	41.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S12_04 (S051194): Life Science / Reasoning

Label: Test design for plant seedlings - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	716	7.0	74.2	14.3	4.5	7.0	7.9	6.3
Australia	872	26.4	72.2	1.3	0.1	26.4	32.0	20.9
Austria	656	15.6	82.7	1.6	0.0	15.6	17.7	13.8
Azerbaijan	693	7.6	74.4	14.8	3.2	7.6	9.2	6.1
Bahrain	579	17.3	79.9	2.3	0.5	17.3	23.8	11.0
Belgium (Flemish)	689	29.1	70.6	0.1	0.2	29.1	32.6	25.1
Chile	784	14.7	81.5	2.6	1.1	14.7	17.3	12.5
Chinese Taipei	622	40.6	32.5	26.5	0.3	40.6	47.0	35.2
Croatia	657	10.6	89.1	0.3	0.0	10.6	13.2	8.5
Czech Republic	652	21.8	75.5	2.6	0.2	21.8	28.5	15.9
Denmark	553	27.7	69.4	1.7	1.2	27.7	29.8	25.6
England	496	28.7	69.9	1.2	0.2	28.7	35.3	22.4
Finland	659	31.5	68.2	0.2	0.0	31.5	41.3	22.0
Georgia	699	22.3	72.1	3.0	2.6	22.3	25.2	19.6
Germany	575	22.3	76.9	0.5	0.3	22.3	28.2	16.3
Hong Kong SAR	562	25.6	74.2	0.2	0.0	25.6	28.3	23.1
Hungary	747	28.4	70.4	1.2	0.0	28.4	31.9	24.6
Iran, Islamic Rep. of	818	18.4	78.3	2.6	0.7	18.4	23.0	13.8
Ireland	649	29.0	69.0	1.7	0.3	29.0	36.2	21.6
Italy	591	10.9	87.7	1.1	0.3	10.9	12.3	9.4
Japan	625	44.6	54.6	0.7	0.1	44.6	53.0	36.3
Kazakhstan	621	24.7	56.8	17.0	1.5	24.7	25.6	23.7
Korea, Rep. of	617	37.6	62.0	0.3	0.0	37.6	39.0	36.3
Kuwait	589	4.8	86.4	6.0	2.7	4.8	6.2	3.3
Lithuania	659	23.4	75.1	1.5	0.0	23.4	30.3	17.5
Malta	514	14.2	83.8	2.0	0.0	14.2	18.7	9.9
Morocco	1131	0.8	89.7	7.3	2.3	0.8	1.2	0.3
Netherlands	468	40.6	58.4	0.7	0.2	40.6	42.5	38.1
New Zealand	790	23.9	74.0	1.9	0.2	23.9	28.8	19.2
Northern Ireland	500	20.3	78.7	1.0	0.0	20.3	24.7	16.5
Norway	445	23.2	74.9	1.5	0.5	23.2	28.2	18.9
Oman	1484	6.1	91.2	1.7	1.0	6.1	9.4	3.1
Poland	716	19.7	77.7	2.3	0.2	19.7	27.5	12.6
Portugal	584	14.7	85.2	0.1	0.0	14.7	16.1	13.4
Qatar	587	13.3	82.9	3.0	0.8	13.3	15.4	11.3
Romania	654	24.9	71.6	3.2	0.3	24.9	29.5	20.8
Russian Federation	648	19.6	79.4	0.9	0.2	19.6	25.1	14.4
Saudi Arabia	676	12.2	84.8	2.2	0.8	12.2	15.1	9.0
Serbia	628	19.5	77.2	2.3	1.1	19.5	25.8	12.8
Singapore	906	52.3	47.6	0.1	0.0	52.3	60.2	44.5
Slovak Republic	796	19.0	79.6	1.2	0.1	19.0	24.7	13.9
Slovenia	645	21.6	76.0	2.3	0.2	21.6	23.4	19.7
Spain	594	14.2	83.6	2.2	0.0	14.2	17.6	10.8
Sweden	624	29.4	69.4	0.9	0.2	29.4	33.7	26.0
Thailand	629	18.0	78.3	3.7	0.0	18.0	19.4	16.6
Tunisia	691	4.4	92.6	1.7	1.3	4.4	4.5	4.3
Turkey	1080	16.3	83.1	0.6	0.0	16.3	21.0	11.7
United Arab Emirates	2079	11.6	85.7	1.7	1.1	11.6	16.4	6.7
United States	1789	37.5	60.3	1.5	0.7	37.5	39.4	35.6
Yemen	1136	2.3	84.3	9.2	4.2	2.3	3.7	1.3
International Avg. (50)	37174	21.0	75.1	3.2	0.7	21.0	24.9	17.2
Botswana (6)	609	7.8	90.8	1.2	0.1	7.8	10.6	4.9
Honduras (6)	553	5.6	89.7	3.0	1.7	5.6	5.1	6.1
Yemen (6)	702	7.8	84.6	6.0	1.7	7.8	10.5	5.7
Alberta, Canada	531	31.2	66.8	1.3	0.7	31.2	38.8	24.6
Ontario, Canada	649	27.9	70.1	1.1	0.9	27.9	34.9	20.6
Quebec, Canada	617	18.0	81.2	0.8	0.0	18.0	19.3	16.6
Abu Dhabi, UAE	591	11.3	86.6	1.3	0.9	11.3	16.7	5.9
Dubai, UAE	867	16.4	81.2	1.6	0.9	16.4	20.0	13.1
Florida, US	375	43.6	55.0	1.4	0.0	43.6	45.7	41.2
North Carolina, US	250	37.1	62.2	0.7	0.0	37.1	38.8	35.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S12_05 (S051029): Life Science / Reasoning
Label: Dinosaurs had feathers - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	622	20.6	8.5	27.8	20.6	36.1	6.5	0.4	16.7	23.7
Australia	872	44.4	15.9	22.1	44.4	15.5	1.8	0.3	44.5	44.3
Austria	656	37.4	8.7	24.7	37.4	24.8	4.3	0.0	33.7	40.8
Azerbaijan	693	21.4	18.6	20.8	21.4	22.4	12.6	4.2	21.3	21.6
Bahrain	579	42.8	9.1	26.4	42.8	19.0	2.1	0.6	45.2	40.4
Belgium (Flemish)	689	38.8	11.7	32.2	38.8	16.4	0.7	0.2	36.2	41.7
Chile	784	35.2	6.3	21.5	35.2	33.6	1.9	1.5	32.8	37.3
Chinese Taipei	622	49.2	14.6	17.4	49.2	17.6	0.9	0.3	49.3	49.1
Croatia	657	36.5	4.8	26.9	36.5	28.9	2.9	0.0	30.6	41.5
Czech Republic	652	33.7	19.4	21.8	33.7	20.7	4.2	0.2	31.3	35.9
Denmark	553	43.5	13.0	26.9	43.5	11.4	4.0	1.2	37.6	49.5
England	496	33.6	17.2	22.2	33.6	24.4	2.1	0.4	30.8	36.3
Finland	659	51.8	1.7	31.3	51.8	14.7	0.6	0.0	45.6	57.9
Georgia	699	50.0	8.4	17.4	50.0	16.9	4.5	2.9	50.6	49.4
Germany	575	40.9	6.7	24.6	40.9	24.5	3.1	0.3	37.5	44.4
Hong Kong SAR	562	43.3	11.5	20.7	43.3	23.9	0.6	0.0	34.8	51.2
Hungary	747	45.2	14.5	16.9	45.2	20.1	2.9	0.4	41.9	49.0
Iran, Islamic Rep. of	818	29.6	16.7	17.1	29.6	31.7	4.1	0.9	26.5	32.8
Ireland	649	35.3	14.2	23.7	35.3	24.8	1.7	0.3	32.7	37.9
Italy	592	57.0	2.9	17.0	57.0	19.5	3.2	0.4	55.0	59.1
Japan	625	48.7	15.3	20.0	48.7	15.0	1.0	0.1	45.6	51.6
Kazakhstan	622	29.5	19.5	14.8	29.5	31.4	3.2	1.6	24.4	34.8
Korea, Rep. of	617	60.4	6.9	20.2	60.4	11.7	0.8	0.0	56.8	64.1
Kuwait	584	29.5	10.5	31.1	29.5	20.0	5.7	3.1	31.4	27.3
Lithuania	659	53.9	5.9	19.7	53.9	19.1	1.5	0.0	51.0	56.3
Malta	514	30.5	16.9	23.9	30.5	26.0	2.7	0.0	25.9	35.0
Morocco	1089	23.7	15.3	33.9	23.7	19.1	4.6	3.3	24.8	22.7
Netherlands	468	47.9	6.5	30.7	47.9	13.8	0.9	0.2	45.4	51.5
New Zealand	790	39.0	12.6	21.6	39.0	24.1	2.6	0.2	38.0	39.9
Northern Ireland	500	40.0	11.9	26.5	40.0	20.4	1.2	0.0	33.7	45.5
Norway	445	40.8	5.3	17.3	40.8	34.1	2.0	0.5	37.2	43.9
Oman	1484	31.7	16.2	30.5	31.7	16.2	4.3	1.1	30.3	33.0
Poland	716	42.5	11.6	15.0	42.5	27.5	3.1	0.2	40.3	44.6
Portugal	584	51.3	7.9	24.8	51.3	14.3	1.7	0.0	45.8	56.1
Qatar	587	34.5	14.1	28.4	34.5	19.5	2.6	0.8	31.5	37.3
Romania	653	28.3	11.3	29.6	28.3	25.6	4.9	0.3	22.6	33.6
Russian Federation	648	36.2	8.0	20.7	36.2	33.8	1.2	0.2	33.6	38.6
Saudi Arabia	676	33.8	8.4	33.0	33.8	21.5	2.2	1.1	32.9	34.8
Serbia	628	37.2	1.8	12.6	37.2	42.1	4.6	1.7	36.1	38.4
Singapore	906	72.5	7.2	12.4	72.5	7.9	0.1	0.0	72.6	72.3
Slovak Republic	796	38.2	12.7	18.3	38.2	28.6	2.1	0.1	38.5	37.9
Slovenia	645	39.9	9.2	28.0	39.9	20.5	2.2	0.3	37.5	42.3
Spain	594	38.1	9.2	19.0	38.1	29.4	4.2	0.1	31.6	44.8
Sweden	624	27.0	12.1	26.4	27.0	30.6	3.6	0.2	22.5	30.6
Thailand	629	45.4	9.3	25.0	45.4	19.1	1.1	0.0	44.8	46.1
Tunisia	677	29.0	14.6	23.9	29.0	21.6	9.2	1.7	26.3	31.3
Turkey	1080	37.2	9.6	21.0	37.2	31.0	1.2	0.0	37.4	36.9
United Arab Emirates	2078	38.8	11.8	27.4	38.8	18.7	2.1	1.2	39.0	38.6
United States	1789	51.7	14.8	19.7	51.7	11.0	2.1	0.7	48.3	55.1
Yemen	1136	29.5	11.4	33.3	29.5	14.3	7.1	4.3	29.0	29.9
International Avg. (50)	37019	39.5	11.0	23.4	39.5	22.3	3.0	0.8	37.0	42.0
Botswana (6)	609	38.2	14.6	33.5	38.2	12.1	1.5	0.1	36.2	40.2
Honduras (6)	553	29.5	10.0	27.5	29.5	28.6	2.5	1.9	27.9	31.2
Yemen (6)	702	34.0	13.4	29.8	34.0	15.8	5.3	1.7	35.8	32.7
Alberta, Canada	531	41.1	19.2	20.9	41.1	16.2	1.9	0.7	36.0	45.5
Ontario, Canada	649	40.1	16.7	20.4	40.1	20.4	1.2	1.1	39.3	41.0
Quebec, Canada	617	29.1	17.1	20.9	29.1	31.7	1.0	0.2	27.3	31.1
Abu Dhabi, UAE	591	36.5	11.9	29.1	36.5	19.6	2.1	0.9	35.7	37.3
Dubai, UAE	866	40.8	14.9	25.3	40.8	16.0	1.9	1.1	40.2	41.3
Florida, US	375	60.2	13.2	16.7	60.2	7.8	2.0	0.0	56.8	63.8
North Carolina, US	250	57.4	10.0	21.7	57.4	10.0	0.9	0.0	55.5	59.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_06 (S051077): Physical Science / Knowing
Label: What happened to metal bench - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	716	28.8	35.5	26.7	9.0	28.8	22.4	34.4
Australia	872	65.0	29.8	4.5	0.8	65.0	64.1	65.8
Austria	656	74.4	21.7	3.7	0.2	74.4	71.9	76.7
Azerbaijan	693	27.8	39.7	27.2	5.3	27.8	29.7	26.0
Bahrain	579	39.8	49.3	10.3	0.6	39.8	43.2	36.5
Belgium (Flemish)	689	53.6	42.7	3.5	0.2	53.6	49.8	58.0
Chile	784	58.7	32.7	7.1	1.5	58.7	53.7	63.1
Chinese Taipei	622	73.0	22.3	4.4	0.3	73.0	71.2	74.6
Croatia	657	62.1	32.0	5.7	0.2	62.1	57.6	65.8
Czech Republic	652	73.1	20.2	6.3	0.4	73.1	69.6	76.2
Denmark	553	73.2	21.6	3.8	1.3	73.2	67.9	78.6
England	496	67.0	29.4	3.2	0.4	67.0	66.1	67.8
Finland	659	86.1	10.6	3.3	0.0	86.1	86.6	85.7
Georgia	698	50.8	36.1	9.7	3.4	50.8	49.8	51.7
Germany	575	80.3	16.0	3.3	0.3	80.3	77.9	82.8
Hong Kong SAR	562	40.9	50.4	8.4	0.2	40.9	41.7	40.2
Hungary	744	73.1	21.8	4.6	0.5	73.1	69.6	77.0
Iran, Islamic Rep. of	818	32.0	55.8	11.3	0.9	32.0	31.5	32.4
Ireland	649	71.3	24.2	4.3	0.3	71.3	72.0	70.6
Italy	592	62.2	30.3	6.9	0.7	62.2	60.6	63.8
Japan	625	73.2	24.9	1.8	0.1	73.2	74.2	72.1
Kazakhstan	622	55.1	34.7	8.2	2.1	55.1	49.2	61.3
Korea, Rep. of	617	53.1	43.8	3.1	0.0	53.1	50.8	55.6
Kuwait	589	25.1	41.4	30.0	3.5	25.1	26.4	23.6
Lithuania	659	65.5	30.9	3.6	0.0	65.5	63.8	67.0
Malta	514	33.6	53.1	13.2	0.0	33.6	28.2	38.8
Morocco	1130	8.1	45.0	43.4	3.5	8.1	7.8	8.4
Netherlands	468	66.9	31.1	1.8	0.2	66.9	62.7	72.2
New Zealand	790	68.9	26.5	4.1	0.4	68.9	66.1	71.7
Northern Ireland	500	78.6	19.4	2.0	0.0	78.6	82.5	75.1
Norway	445	71.0	22.3	6.2	0.5	71.0	72.5	69.7
Oman	1484	12.9	62.9	22.8	1.5	12.9	13.5	12.3
Poland	716	56.3	32.7	10.8	0.2	56.3	57.2	55.5
Portugal	584	49.4	45.6	5.0	0.0	49.4	45.1	53.2
Qatar	587	14.2	69.2	15.7	0.8	14.2	13.2	15.1
Romania	655	74.5	16.8	7.7	1.0	74.5	77.6	71.7
Russian Federation	648	78.5	17.7	3.6	0.2	78.5	73.3	83.4
Saudi Arabia	676	45.1	44.6	9.2	1.1	45.1	48.5	41.4
Serbia	628	80.8	14.9	2.7	1.7	80.8	78.4	83.3
Singapore	906	51.9	45.9	2.2	0.0	51.9	45.8	57.9
Slovak Republic	796	80.7	14.4	4.7	0.2	80.7	78.3	82.9
Slovenia	645	58.3	34.2	7.2	0.3	58.3	57.9	58.8
Spain	594	58.0	33.3	8.4	0.3	58.0	51.7	64.6
Sweden	624	76.3	18.6	4.6	0.5	76.3	72.4	79.4
Thailand	629	49.7	42.1	8.2	0.0	49.7	52.1	47.3
Tunisia	691	7.1	70.4	20.4	2.1	7.1	6.4	7.7
Turkey	1080	25.1	69.0	5.8	0.0	25.1	23.8	26.4
United Arab Emirates	2079	22.4	60.7	15.6	1.3	22.4	21.4	23.4
United States	1789	62.7	34.9	1.5	0.9	62.7	59.7	65.7
Yemen	1136	6.1	55.2	33.9	4.7	6.1	5.1	6.8
International Avg. (50)	37172	54.0	35.6	9.3	1.1	54.0	52.4	55.6
Botswana (6)	609	30.8	65.9	3.0	0.3	30.8	30.1	31.5
Honduras (6)	553	41.8	46.2	10.1	1.9	41.8	38.1	45.6
Yemen (6)	702	23.5	54.8	19.8	1.8	23.5	23.0	24.0
Alberta, Canada	531	70.6	26.8	1.6	1.0	70.6	70.6	70.6
Ontario, Canada	649	63.0	32.8	3.0	1.1	63.0	58.2	68.0
Quebec, Canada	617	60.5	35.7	3.6	0.2	60.5	58.6	62.5
Abu Dhabi, UAE	591	21.6	62.6	14.8	1.1	21.6	20.0	23.2
Dubai, UAE	867	25.2	59.5	14.1	1.2	25.2	27.1	23.4
Florida, US	375	65.5	33.9	0.6	0.0	65.5	61.1	70.1
North Carolina, US	250	65.3	34.4	0.0	0.3	65.3	62.4	68.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S12_07 (S051200): Physical Science / Applying
Label: Metal and wooden spoon in soup - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	716	34.4	29.6	24.4	11.6	34.4	35.8	33.2
Australia	872	8.9	84.0	6.0	1.0	8.9	8.1	9.7
Austria	656	20.4	70.1	9.3	0.2	20.4	14.1	26.1
Azerbaijan	693	42.8	25.4	24.0	7.8	42.8	44.3	41.3
Bahrain	579	29.9	61.0	8.1	1.0	29.9	32.1	27.7
Belgium (Flemish)	689	5.6	90.1	4.1	0.2	5.6	3.5	7.9
Chile	784	2.8	86.4	8.9	1.9	2.8	1.7	3.7
Chinese Taipei	622	15.3	76.7	7.7	0.3	15.3	14.0	16.4
Croatia	657	7.5	81.7	10.6	0.2	7.5	3.9	10.4
Czech Republic	652	8.8	76.7	14.1	0.4	8.8	6.8	10.6
Denmark	553	19.5	73.1	6.1	1.3	19.5	17.8	21.1
England	496	26.7	68.8	4.1	0.4	26.7	27.4	26.0
Finland	659	23.3	73.6	3.1	0.0	23.3	18.4	28.0
Georgia	698	37.1	50.7	8.2	3.9	37.1	37.9	36.5
Germany	575	17.3	73.1	8.9	0.6	17.3	15.2	19.5
Hong Kong SAR	562	55.4	39.4	5.0	0.2	55.4	47.9	62.4
Hungary	747	9.4	83.8	6.0	0.7	9.4	6.5	12.7
Iran, Islamic Rep. of	818	6.7	79.5	12.3	1.5	6.7	7.2	6.2
Ireland	649	15.9	78.0	5.7	0.3	15.9	19.0	12.7
Italy	592	18.9	71.2	8.8	1.2	18.9	17.9	19.9
Japan	625	52.9	45.4	1.6	0.1	52.9	57.2	48.5
Kazakhstan	622	43.6	45.9	7.7	2.8	43.6	41.7	45.6
Korea, Rep. of	617	92.0	7.7	0.3	0.0	92.0	94.3	89.7
Kuwait	589	15.7	49.0	30.7	4.5	15.7	18.3	12.6
Lithuania	659	33.9	62.4	3.5	0.1	33.9	33.6	34.2
Malta	514	11.6	74.7	13.7	0.0	11.6	10.9	12.3
Morocco	1130	8.8	45.9	40.4	4.8	8.8	9.6	8.1
Netherlands	468	11.0	87.2	1.5	0.2	11.0	7.9	15.0
New Zealand	790	9.2	86.7	3.7	0.4	9.2	8.1	10.3
Northern Ireland	500	15.1	80.2	4.6	0.0	15.1	14.3	15.9
Norway	445	4.1	83.7	10.2	2.0	4.1	2.0	5.9
Oman	1484	10.8	68.6	18.7	1.9	10.8	10.8	10.7
Poland	716	45.0	41.1	13.4	0.5	45.0	47.4	42.7
Portugal	584	6.2	87.9	5.9	0.0	6.2	4.1	8.0
Qatar	587	20.3	62.7	15.3	1.7	20.3	19.8	20.8
Romania	655	27.5	61.1	9.9	1.4	27.5	26.6	28.4
Russian Federation	648	29.5	67.6	2.8	0.2	29.5	23.3	35.3
Saudi Arabia	676	16.6	69.2	12.0	2.2	16.6	15.4	17.9
Serbia	628	36.4	58.1	3.8	1.7	36.4	36.2	36.7
Singapore	906	86.8	12.0	1.1	0.1	86.8	85.3	88.2
Slovak Republic	796	33.1	56.9	9.7	0.2	33.1	34.8	31.6
Slovenia	645	29.3	62.5	7.9	0.3	29.3	27.4	31.3
Spain	594	25.0	63.9	10.6	0.5	25.0	21.9	28.3
Sweden	624	17.3	72.8	9.2	0.7	17.3	13.9	20.1
Thailand	629	14.1	76.9	8.2	0.9	14.1	13.5	14.6
Tunisia	691	37.3	48.4	10.7	3.6	37.3	36.5	38.0
Turkey	1080	13.5	80.9	5.6	0.0	13.5	13.6	13.5
United Arab Emirates	2079	14.9	68.2	15.2	1.7	14.9	15.7	14.1
United States	1789	15.5	81.4	1.8	1.2	15.5	11.2	20.0
Yemen	1136	4.6	53.0	37.0	5.4	4.6	3.7	5.3
International Avg. (50)	37175	23.8	64.7	10.1	1.5	23.8	22.8	24.7
Botswana (6)	609	15.1	81.1	3.5	0.3	15.1	13.0	17.3
Honduras (6)	553	1.8	87.5	7.9	2.8	1.8	1.2	2.4
Yemen (6)	702	17.6	62.4	17.9	2.1	17.6	14.4	20.0
Alberta, Canada	531	8.0	88.8	2.2	1.0	8.0	6.5	9.2
Ontario, Canada	649	4.8	89.7	4.1	1.4	4.8	5.6	4.0
Quebec, Canada	617	4.9	88.1	6.7	0.2	4.9	3.2	6.7
Abu Dhabi, UAE	591	15.9	69.4	13.0	1.6	15.9	16.4	15.4
Dubai, UAE	867	12.2	73.1	13.2	1.4	12.2	13.0	11.5
Florida, US	375	21.5	77.8	0.8	0.0	21.5	16.4	26.8
North Carolina, US	250	9.3	90.4	0.0	0.3	9.3	8.7	10.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S12_08 (S051075): Physical Science / Applying
Label: Pushing two boxes - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	715	37.9	17.9	31.6	12.6	37.9	33.5	41.6
Australia	872	74.6	19.4	4.7	1.3	74.6	75.2	74.0
Austria	656	59.8	23.0	17.0	0.2	59.8	57.7	61.8
Azerbaijan	693	36.4	21.4	33.9	8.4	36.4	34.5	38.2
Bahrain	579	45.6	44.5	8.6	1.2	45.6	49.6	41.8
Belgium (Flemish)	689	72.5	22.4	4.9	0.2	72.5	70.1	75.2
Chile	784	59.6	28.7	9.5	2.2	59.6	60.6	58.7
Chinese Taipei	622	82.9	13.1	3.8	0.3	82.9	86.4	79.8
Croatia	657	64.8	20.9	14.1	0.2	64.8	64.8	64.9
Czech Republic	652	72.9	13.4	13.0	0.6	72.9	77.3	69.0
Denmark	553	71.8	18.1	8.6	1.5	71.8	70.7	73.0
England	496	74.8	20.1	4.6	0.5	74.8	74.5	75.1
Finland	659	71.5	20.4	8.1	0.0	71.5	72.1	70.8
Georgia	698	59.6	19.2	16.9	4.3	59.6	57.4	61.7
Germany	575	66.4	22.0	10.8	0.8	66.4	70.4	62.3
Hong Kong SAR	562	56.7	33.6	9.5	0.2	56.7	57.5	55.9
Hungary	747	73.7	18.5	6.9	0.8	73.7	72.4	75.1
Iran, Islamic Rep. of	818	47.1	36.3	14.4	2.2	47.1	48.9	45.3
Ireland	649	73.9	20.2	5.6	0.3	73.9	75.3	72.3
Italy	592	68.9	20.7	9.2	1.2	68.9	68.6	69.2
Japan	625	85.2	11.6	3.1	0.1	85.2	86.5	83.8
Kazakhstan	622	47.6	36.5	12.9	3.0	47.6	49.0	46.0
Korea, Rep. of	617	71.9	24.1	4.0	0.0	71.9	72.4	71.4
Kuwait	590	21.0	51.4	22.7	5.0	21.0	22.5	19.2
Lithuania	659	67.0	23.6	9.3	0.1	67.0	67.4	66.6
Malta	514	47.1	37.6	14.9	0.4	47.1	44.9	49.3
Morocco	1129	11.6	53.1	30.3	5.0	11.6	12.5	10.7
Netherlands	468	73.7	24.3	1.8	0.2	73.7	72.5	75.4
New Zealand	790	72.3	23.5	3.5	0.7	72.3	72.6	72.0
Northern Ireland	500	77.2	17.3	4.7	0.8	77.2	78.0	76.4
Norway	445	51.4	34.0	11.3	3.4	51.4	50.8	51.9
Oman	1484	24.4	58.0	15.6	2.0	24.4	27.0	22.1
Poland	716	71.8	15.8	11.4	1.0	71.8	73.5	70.3
Portugal	584	71.4	25.1	3.4	0.1	71.4	72.2	70.7
Qatar	587	33.1	49.7	15.2	2.1	33.1	35.7	30.7
Romania	654	58.5	28.5	11.5	1.5	58.5	63.3	54.2
Russian Federation	648	77.5	17.1	4.9	0.5	77.5	74.8	80.1
Saudi Arabia	676	51.7	37.3	8.5	2.5	51.7	56.3	46.7
Serbia	628	61.3	28.9	7.9	1.9	61.3	58.4	64.3
Singapore	906	83.8	14.0	2.0	0.1	83.8	83.8	83.8
Slovak Republic	796	65.5	24.3	10.0	0.2	65.5	70.9	60.5
Slovenia	645	65.6	26.3	7.7	0.4	65.6	65.5	65.7
Spain	594	60.4	28.2	10.4	0.9	60.4	55.9	65.1
Sweden	624	81.6	12.5	5.2	0.7	81.6	80.7	82.3
Thailand	629	57.9	32.5	8.6	1.0	57.9	64.8	50.8
Tunisia	691	30.1	50.6	14.1	5.2	30.1	34.3	26.7
Turkey	1080	56.8	36.4	6.6	0.2	56.8	57.3	56.3
United Arab Emirates	2079	41.9	40.6	15.6	1.9	41.9	43.1	40.8
United States	1789	73.6	24.1	1.0	1.3	73.6	71.9	75.3
Yemen	1136	10.3	63.1	20.6	6.1	10.3	11.8	9.2
International Avg. (50)	37173	59.5	28.1	10.7	1.8	59.5	60.2	58.9
Botswana (6)	609	15.0	81.5	3.2	0.3	15.0	14.7	15.2
Honduras (6)	553	42.1	42.6	12.5	2.9	42.1	42.6	41.6
Yemen (6)	702	34.1	50.7	13.0	2.2	34.1	39.8	29.8
Alberta, Canada	531	80.0	17.2	1.7	1.0	80.0	79.7	80.3
Ontario, Canada	649	75.6	18.4	4.2	1.8	75.6	75.8	75.4
Quebec, Canada	617	69.1	23.8	6.2	0.9	69.1	69.6	68.6
Abu Dhabi, UAE	591	36.7	46.9	14.7	1.6	36.7	37.1	36.3
Dubai, UAE	867	54.3	30.8	13.4	1.5	54.3	54.8	53.8
Florida, US	375	77.1	21.9	0.7	0.3	77.1	74.1	80.3
North Carolina, US	250	70.3	27.8	1.6	0.3	70.3	66.5	74.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S12_09 (S051065): Physical Science / Applying
Label: What can fill gap in flashlight - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	614	41.6	15.7	41.6	23.1	13.3	3.7	2.6	40.3	42.8
Australia	872	70.9	11.6	70.9	9.3	5.4	1.1	1.7	68.8	73.0
Austria	656	88.7	3.3	88.7	4.0	1.8	2.0	0.2	87.6	89.7
Azerbaijan	692	53.3	6.5	53.3	14.5	10.1	6.3	9.3	52.2	54.5
Bahrain	579	58.6	11.3	58.6	17.1	10.0	1.2	1.9	54.2	62.8
Belgium (Flemish)	689	76.4	5.8	76.4	10.4	6.2	0.8	0.4	71.4	82.2
Chile	784	55.5	10.3	55.5	20.1	9.5	1.5	3.2	51.2	59.2
Chinese Taipei	622	89.3	1.8	89.3	3.6	4.3	0.5	0.4	90.0	88.7
Croatia	657	73.1	6.3	73.1	14.1	4.5	1.6	0.4	70.5	75.3
Czech Republic	652	69.7	3.8	69.7	18.2	6.2	1.0	1.2	63.9	74.7
Denmark	553	80.1	1.2	80.1	11.6	3.1	2.4	1.7	77.6	82.6
England	496	78.2	5.5	78.2	8.6	4.1	2.3	1.3	76.6	79.7
Finland	659	83.7	2.2	83.7	11.1	1.4	0.9	0.8	77.8	89.4
Georgia	699	52.4	14.9	52.4	15.9	8.7	2.6	5.5	46.5	57.8
Germany	575	89.4	3.3	89.4	3.0	2.5	0.6	1.2	88.9	89.9
Hong Kong SAR	562	74.2	5.5	74.2	14.2	4.6	1.1	0.5	69.8	78.3
Hungary	747	67.8	9.0	67.8	13.4	7.4	1.3	1.0	59.3	77.2
Iran, Islamic Rep. of	818	56.0	10.6	56.0	20.2	8.1	1.8	3.3	53.5	58.4
Ireland	649	74.0	8.9	74.0	11.0	5.3	0.4	0.4	73.0	75.0
Italy	592	60.6	8.4	60.6	19.7	8.6	1.3	1.4	56.4	65.1
Japan	625	90.0	0.8	90.0	7.2	1.9	0.0	0.1	91.4	88.5
Kazakhstan	622	59.1	9.4	59.1	19.9	4.8	2.4	4.4	51.0	67.5
Korea, Rep. of	617	83.5	1.8	83.5	11.7	2.8	0.2	0.0	83.7	83.4
Kuwait	583	44.8	15.7	44.8	19.2	9.2	4.9	6.2	46.2	43.2
Lithuania	659	68.6	10.7	68.6	10.2	8.8	1.4	0.3	58.7	77.2
Malta	514	62.3	14.5	62.3	13.0	9.0	0.6	0.6	57.8	66.7
Morocco	1092	44.6	12.9	44.6	22.1	11.7	2.7	6.1	41.8	47.3
Netherlands	468	88.2	1.1	88.2	7.5	2.5	0.4	0.2	86.5	90.7
New Zealand	790	71.2	11.4	71.2	8.7	6.9	0.8	1.0	71.5	71.0
Northern Ireland	500	73.3	10.2	73.3	10.6	4.4	0.5	1.0	73.0	73.5
Norway	445	64.9	8.1	64.9	15.2	6.2	1.2	4.3	66.9	63.2
Oman	1484	55.7	12.4	55.7	19.7	8.0	1.8	2.5	54.8	56.5
Poland	716	55.7	9.0	55.7	21.3	11.4	1.5	1.1	51.6	59.5
Portugal	584	72.1	6.4	72.1	10.6	9.0	1.8	0.1	70.1	73.8
Qatar	587	53.6	12.2	53.6	19.4	11.2	1.1	2.5	51.8	55.3
Romania	655	74.9	6.5	74.9	12.3	2.8	1.8	1.7	75.5	74.4
Russian Federation	648	78.6	5.3	78.6	9.7	5.2	0.7	0.5	70.5	86.1
Saudi Arabia	675	53.9	17.4	53.9	15.3	9.7	0.8	2.8	51.3	56.7
Serbia	628	68.0	4.5	68.0	17.4	6.4	1.7	2.0	70.1	65.8
Singapore	906	78.1	5.8	78.1	12.4	3.2	0.2	0.3	72.2	83.8
Slovak Republic	796	79.0	4.9	79.0	10.2	4.3	0.9	0.6	77.1	80.8
Slovenia	645	74.4	7.4	74.4	10.7	5.0	1.9	0.8	64.9	84.2
Spain	594	58.7	8.8	58.7	19.6	9.5	1.9	1.5	55.5	62.0
Sweden	624	76.6	4.5	76.6	12.9	3.5	1.4	1.0	76.0	77.2
Thailand	629	63.6	8.6	63.6	15.5	10.8	0.6	1.0	65.2	62.0
Tunisia	682	23.4	15.8	23.4	36.2	11.6	6.4	6.5	18.6	27.4
Turkey	1080	59.5	11.2	59.5	21.0	7.5	0.6	0.3	56.9	62.0
United Arab Emirates	2078	53.9	13.2	53.9	15.8	12.0	2.7	2.3	52.5	55.3
United States	1789	78.0	5.0	78.0	9.7	4.1	1.8	1.5	75.0	81.1
Yemen	1136	33.3	12.3	33.3	28.0	12.7	7.2	6.4	33.6	33.1
International Avg. (50)	37018	66.7	8.3	66.7	14.5	6.8	1.7	2.0	64.0	69.3
Botswana (6)	609	62.1	13.2	62.1	10.5	13.2	0.7	0.3	61.1	63.1
Honduras (6)	553	58.0	13.9	58.0	14.5	7.3	2.9	3.5	51.3	64.8
Yemen (6)	700	44.2	9.8	44.2	26.0	13.3	4.2	2.5	41.3	46.3
Alberta, Canada	531	79.6	6.3	79.6	8.8	3.4	0.6	1.3	76.1	82.7
Ontario, Canada	649	69.6	10.9	69.6	11.4	5.1	0.8	2.3	66.5	72.8
Quebec, Canada	617	64.8	9.9	64.8	17.1	6.5	0.6	1.0	60.3	69.5
Abu Dhabi, UAE	591	51.6	12.9	51.6	15.7	15.3	2.4	2.2	50.3	53.0
Dubai, UAE	866	60.3	15.0	60.3	12.2	8.5	2.2	1.7	58.8	61.8
Florida, US	375	74.1	9.2	74.1	11.5	3.1	1.8	0.3	69.3	79.1
North Carolina, US	250	79.4	7.0	79.4	6.6	3.9	1.6	1.5	76.9	82.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_10 (S051191): Earth Science / Applying
Label: Getting wet from low clouds - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	613	29.1	29.1	10.8	14.3	39.4	3.8	2.6	29.1	29.2
Australia	872	55.0	55.0	7.3	4.4	29.0	2.5	1.9	57.5	52.4
Austria	656	59.5	59.5	5.6	5.0	26.0	3.6	0.4	55.6	63.0
Azerbaijan	692	30.5	30.5	4.8	9.6	36.4	8.0	10.7	30.7	30.2
Bahrain	579	34.5	34.5	11.3	9.8	40.0	2.5	1.9	37.2	32.0
Belgium (Flemish)	689	38.1	38.1	5.3	5.9	48.0	2.1	0.6	35.0	41.7
Chile	784	35.1	35.1	9.2	5.9	45.3	1.1	3.5	35.8	34.5
Chinese Taipei	622	60.0	60.0	3.2	2.1	33.5	0.4	0.8	59.7	60.2
Croatia	657	21.6	21.6	2.8	2.5	71.3	1.1	0.6	15.3	26.9
Czech Republic	652	56.7	56.7	6.0	4.4	29.3	2.4	1.3	55.2	58.1
Denmark	553	71.1	71.1	2.8	1.8	20.0	2.3	2.0	67.9	74.4
England	496	53.1	53.1	5.1	3.0	34.2	1.8	2.9	53.0	53.3
Finland	659	72.9	72.9	2.0	1.6	21.6	1.0	0.9	69.1	76.6
Georgia	699	43.7	43.7	2.8	5.0	39.7	2.5	6.4	46.5	41.1
Germany	575	67.2	67.2	3.6	2.6	23.3	1.8	1.5	63.4	71.0
Hong Kong SAR	562	63.9	63.9	4.5	1.9	28.1	0.6	1.1	58.8	68.5
Hungary	747	48.4	48.4	3.0	2.8	41.9	2.4	1.6	42.3	55.1
Iran, Islamic Rep. of	818	25.4	25.4	8.7	7.6	50.4	3.6	4.3	22.2	28.6
Ireland	649	53.4	53.4	5.2	2.0	36.6	2.1	0.6	53.4	53.4
Italy	592	45.9	45.9	5.0	4.2	41.9	1.5	1.5	46.1	45.6
Japan	625	66.2	66.2	2.2	1.1	30.0	0.4	0.1	59.3	73.1
Kazakhstan	622	41.8	41.8	6.0	5.0	39.0	2.2	5.9	36.5	47.4
Korea, Rep. of	617	82.3	82.3	1.5	1.2	14.8	0.2	0.0	78.2	86.7
Kuwait	581	23.2	23.2	18.7	14.7	31.9	4.4	7.1	28.4	16.7
Lithuania	659	64.1	64.1	4.1	3.6	26.3	1.3	0.7	62.1	65.7
Malta	514	33.6	33.6	10.5	6.5	45.7	2.9	0.8	30.7	36.5
Morocco	1093	23.0	23.0	18.0	22.7	26.2	3.2	6.9	22.9	23.3
Netherlands	468	49.9	49.9	4.4	2.8	41.1	1.1	0.6	42.8	58.6
New Zealand	790	48.0	48.0	5.4	4.3	39.3	1.8	1.2	46.9	49.2
Northern Ireland	500	51.5	51.5	4.4	4.0	37.3	1.3	1.4	53.1	50.1
Norway	445	38.5	38.5	4.5	6.1	44.5	2.0	4.4	32.5	43.5
Oman	1484	27.2	27.2	15.0	16.3	36.0	2.3	3.2	26.2	28.1
Poland	716	38.3	38.3	2.8	3.3	52.0	1.9	1.7	38.7	38.0
Portugal	584	40.2	40.2	4.7	2.9	50.5	1.0	0.6	38.8	41.4
Qatar	587	29.5	29.5	14.3	13.5	38.6	1.5	2.6	31.6	27.5
Romania	655	38.9	38.9	4.7	6.5	45.7	1.6	2.6	37.8	39.9
Russian Federation	648	66.1	66.1	2.5	1.7	28.0	0.6	1.0	62.7	69.4
Saudi Arabia	675	40.3	40.3	15.4	14.2	25.3	1.4	3.3	42.4	38.1
Serbia	628	30.9	30.9	2.8	2.4	58.7	2.6	2.7	27.3	34.6
Singapore	906	61.0	61.0	2.6	1.9	33.9	0.2	0.4	55.8	66.0
Slovak Republic	796	45.7	45.7	7.9	5.0	39.3	1.4	0.7	47.2	44.3
Slovenia	641	41.7	41.7	3.5	5.9	44.5	2.3	2.1	40.5	42.8
Spain	594	38.1	38.1	6.8	6.5	44.4	1.9	2.2	33.4	42.9
Sweden	624	63.4	63.4	4.0	2.0	27.0	2.6	1.1	64.2	62.7
Thailand	629	24.1	24.1	9.3	11.5	53.4	0.2	1.4	24.2	24.0
Tunisia	685	26.3	26.3	16.8	16.2	27.3	5.4	7.9	27.9	25.0
Turkey	1080	48.1	48.1	14.7	11.8	24.1	0.7	0.6	49.3	47.0
United Arab Emirates	2078	32.3	32.3	10.8	8.4	42.5	2.5	3.6	31.7	32.9
United States	1789	61.4	61.4	4.8	5.1	24.2	2.1	2.3	58.8	64.1
Yemen	1136	17.2	17.2	20.6	22.9	25.1	6.3	7.9	16.5	17.7
International Avg. (50)	37015	45.2	45.2	7.1	6.5	36.7	2.1	2.5	43.6	46.7
Botswana (6)	609	20.7	20.7	9.5	9.6	58.7	1.0	0.5	19.6	21.8
Honduras (6)	553	33.4	33.4	7.1	8.6	42.4	3.5	5.1	32.4	34.4
Yemen (6)	700	19.3	19.3	21.5	19.6	31.8	4.1	3.7	19.6	19.0
Alberta, Canada	531	58.9	58.9	4.0	3.9	30.8	0.9	1.5	56.8	60.7
Ontario, Canada	649	57.3	57.3	3.6	3.7	30.0	2.8	2.6	54.5	60.1
Quebec, Canada	617	39.5	39.5	4.4	3.9	49.0	2.2	1.0	35.6	43.6
Abu Dhabi, UAE	591	28.8	28.8	14.0	8.7	43.5	1.8	3.1	26.2	31.4
Dubai, UAE	866	36.6	36.6	8.3	5.6	43.9	2.6	2.9	35.7	37.5
Florida, US	375	69.2	69.2	4.9	3.9	18.5	2.1	1.4	68.0	70.5
North Carolina, US	250	55.8	55.8	5.1	5.7	28.0	3.9	1.5	53.6	58.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_11 (S051099): Earth Science / Knowing
Label: Moon in the sky for a month - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	594	39.3	11.4	15.3	39.3	25.6	5.4	2.9	39.1	39.6
Australia	872	57.5	14.7	10.4	57.5	14.1	1.1	2.1	56.2	58.8
Austria	656	60.3	10.8	12.2	60.3	13.6	2.2	0.9	57.3	62.9
Azerbaijan	693	41.8	7.7	12.8	41.8	18.1	7.8	11.8	42.9	40.7
Bahrain	579	55.7	14.6	10.1	55.7	14.5	2.7	2.4	58.6	52.9
Belgium (Flemish)	689	41.2	20.0	14.0	41.2	23.1	0.6	1.0	40.3	42.3
Chile	784	51.2	18.5	11.2	51.2	10.6	4.6	3.9	52.3	50.2
Chinese Taipei	622	85.3	5.2	3.9	85.3	4.1	0.8	0.8	89.8	81.4
Croatia	657	50.7	12.2	12.8	50.7	21.3	2.1	0.9	52.4	49.3
Czech Republic	652	67.3	12.6	7.5	67.3	9.4	1.7	1.6	68.3	66.5
Denmark	553	65.2	14.2	9.6	65.2	7.0	1.8	2.3	64.3	66.1
England	496	57.6	13.8	6.7	57.6	17.3	1.6	3.0	62.8	52.7
Finland	659	68.7	11.8	6.2	68.7	10.3	1.4	1.5	66.2	71.1
Georgia	699	51.2	12.5	8.5	51.2	18.5	2.4	6.9	53.1	49.4
Germany	575	62.3	10.3	11.6	62.3	10.3	3.8	1.7	65.0	59.6
Hong Kong SAR	562	68.1	8.2	8.7	68.1	10.9	3.1	1.1	67.4	68.8
Hungary	747	57.4	16.5	6.7	57.4	15.9	1.8	1.8	57.6	57.1
Iran, Islamic Rep. of	818	51.0	17.4	8.2	51.0	15.6	2.3	5.6	53.5	48.4
Ireland	649	53.2	12.8	9.7	53.2	22.0	1.2	1.2	51.2	55.2
Italy	592	49.4	16.5	13.8	49.4	15.5	3.0	1.9	50.4	48.4
Japan	625	79.9	6.6	2.7	79.9	5.6	5.2	0.1	83.3	76.4
Kazakhstan	622	48.7	8.8	9.1	48.7	25.8	1.2	6.4	49.9	47.4
Korea, Rep. of	617	81.3	8.7	3.5	81.3	5.9	0.7	0.0	83.3	79.1
Kuwait	579	39.7	14.5	17.6	39.7	15.1	5.1	7.9	42.1	36.8
Lithuania	659	59.5	16.4	7.7	59.5	9.7	6.0	0.7	57.9	60.9
Malta	514	46.6	17.1	13.5	46.6	19.2	2.3	1.3	48.6	44.6
Morocco	1095	27.5	22.7	22.0	27.5	14.0	5.9	7.7	25.8	29.2
Netherlands	468	55.7	15.8	9.0	55.7	17.6	1.1	0.8	54.6	56.4
New Zealand	790	51.2	14.8	13.2	51.2	17.6	1.8	1.4	48.6	53.8
Northern Ireland	500	47.4	17.3	9.5	47.4	23.4	0.5	2.0	50.3	44.8
Norway	445	50.3	19.6	8.3	50.3	15.9	1.3	4.6	58.4	43.4
Oman	1482	40.0	21.0	16.9	40.0	14.5	3.6	4.1	38.9	41.0
Poland	716	40.5	28.0	9.8	40.5	16.6	2.6	2.4	41.6	39.5
Portugal	550	56.0	10.0	9.7	56.0	20.3	2.8	1.2	57.7	54.5
Qatar	587	39.8	16.0	19.7	39.8	19.4	2.5	2.7	44.3	35.6
Romania	655	47.9	13.4	15.3	47.9	19.2	1.3	2.8	54.1	42.2
Russian Federation	648	64.6	11.0	10.1	64.6	12.1	1.0	1.2	66.2	63.1
Saudi Arabia	674	47.3	16.1	13.0	47.3	19.6	0.7	3.3	48.3	46.2
Serbia	628	38.6	35.3	8.3	38.6	12.2	2.3	3.4	41.5	35.5
Singapore	906	56.4	15.3	10.7	56.4	16.8	0.4	0.4	56.9	56.0
Slovak Republic	796	67.0	9.9	7.0	67.0	13.0	2.1	1.0	70.7	63.6
Slovenia	642	58.2	11.6	9.3	58.2	14.6	3.9	2.4	61.0	55.2
Spain	594	58.7	11.0	10.0	58.7	14.4	3.4	2.5	60.2	57.1
Sweden	624	65.0	10.1	10.0	65.0	11.5	2.2	1.2	67.6	62.9
Thailand	629	42.2	23.6	14.4	42.2	17.2	1.0	1.6	45.5	38.7
Tunisia	679	32.4	13.4	16.6	32.4	21.0	7.8	8.8	35.9	29.5
Turkey	1080	50.8	15.6	8.7	50.8	23.3	1.0	0.6	51.9	49.8
United Arab Emirates	2080	44.8	17.2	13.6	44.8	14.5	6.0	4.0	45.4	44.1
United States	1789	59.2	11.6	10.0	59.2	14.8	2.0	2.4	60.9	57.5
Yemen	1136	32.1	11.7	22.7	32.1	16.8	7.8	8.8	28.1	35.0
International Avg. (50)	36957	53.3	14.5	11.0	53.3	15.6	2.7	2.9	54.6	52.0
Botswana (6)	609	34.2	28.4	16.2	34.2	19.9	0.8	0.5	33.6	34.9
Honduras (6)	553	41.4	17.3	15.9	41.4	17.6	2.4	5.5	40.9	41.8
Yemen (6)	702	41.7	14.9	16.1	41.7	17.3	5.2	4.7	36.2	45.8
Alberta, Canada	531	54.3	16.7	10.1	54.3	16.8	0.4	1.7	57.7	51.3
Ontario, Canada	649	45.9	15.1	10.5	45.9	23.4	2.2	2.8	49.2	42.6
Quebec, Canada	617	56.4	16.2	12.3	56.4	12.9	0.9	1.2	55.1	57.8
Abu Dhabi, UAE	591	41.7	17.2	15.6	41.7	15.7	6.4	3.5	41.1	42.4
Dubai, UAE	867	47.8	16.7	10.7	47.8	15.9	5.2	3.6	46.6	49.0
Florida, US	375	60.8	11.2	10.5	60.8	14.3	1.8	1.4	62.2	59.2
North Carolina, US	250	58.0	12.0	8.5	58.0	16.4	3.1	1.9	57.4	58.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S12_12 (S051175): Earth Science / Applying
Label: X marks a town on Earth - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	716	21.3	17.0	47.4	14.3	21.3	19.0	23.2
Australia	872	31.5	58.0	8.0	2.5	31.5	35.0	28.1
Austria	656	29.7	38.0	30.5	1.7	29.7	31.5	28.2
Azerbaijan	693	3.5	39.6	42.6	14.3	3.5	4.6	2.4
Bahrain	579	10.4	70.4	16.2	3.1	10.4	12.4	8.5
Belgium (Flemish)	689	28.6	61.2	9.0	1.2	28.6	26.6	30.8
Chile	784	12.3	63.2	17.5	6.9	12.3	12.9	11.8
Chinese Taipei	622	17.5	71.3	10.3	0.9	17.5	21.6	14.0
Croatia	657	18.2	58.2	22.1	1.6	18.2	15.8	20.1
Czech Republic	652	26.6	52.2	19.1	2.1	26.6	28.9	24.6
Denmark	553	44.3	42.0	11.1	2.5	44.3	46.5	42.1
England	496	40.7	47.9	7.8	3.6	40.7	44.0	37.6
Finland	659	51.1	38.7	8.0	2.2	51.1	57.6	44.8
Georgia	699	19.0	38.7	34.6	7.7	19.0	21.3	16.8
Germany	575	14.9	55.6	26.1	3.4	14.9	13.2	16.5
Hong Kong SAR	562	36.3	48.4	12.0	3.3	36.3	35.0	37.6
Hungary	747	25.6	58.6	13.6	2.2	25.6	25.1	26.1
Iran, Islamic Rep. of	818	27.5	45.8	20.2	6.5	27.5	29.9	25.0
Ireland	649	27.8	58.1	12.4	1.6	27.8	34.7	20.8
Italy	592	23.9	51.7	20.6	3.7	23.9	24.3	23.6
Japan	625	36.5	54.4	6.4	2.7	36.5	36.5	36.4
Kazakhstan	622	38.2	35.1	19.7	7.1	38.2	36.7	39.7
Korea, Rep. of	617	34.0	63.1	2.7	0.2	34.0	39.7	28.0
Kuwait	590	7.4	46.4	36.7	9.5	7.4	8.7	5.7
Lithuania	659	26.3	57.1	11.9	4.6	26.3	28.6	24.4
Malta	514	21.6	52.9	23.4	2.1	21.6	19.5	23.6
Morocco	1130	3.0	34.1	51.6	11.4	3.0	3.9	2.2
Netherlands	468	25.8	70.2	2.9	1.0	25.8	25.5	25.9
New Zealand	790	24.5	65.7	7.4	2.4	24.5	27.4	21.7
Northern Ireland	500	39.0	45.5	13.5	2.0	39.0	41.4	36.8
Norway	445	35.4	45.5	13.8	5.4	35.4	39.2	32.1
Oman	1482	2.7	58.0	33.4	5.9	2.7	3.7	1.8
Poland	716	32.6	41.0	23.3	3.0	32.6	34.7	30.7
Portugal	550	28.9	62.4	7.1	1.6	28.9	25.9	31.6
Qatar	587	14.7	62.8	19.1	3.5	14.7	16.5	13.0
Romania	654	32.8	42.1	21.5	3.6	32.8	38.3	27.8
Russian Federation	648	32.8	53.3	12.6	1.4	32.8	34.1	31.5
Saudi Arabia	676	38.7	39.7	17.7	3.9	38.7	43.9	33.2
Serbia	628	15.6	52.0	28.3	4.0	15.6	15.6	15.6
Singapore	906	35.2	60.6	3.7	0.5	35.2	36.7	33.7
Slovak Republic	796	26.1	59.9	12.2	1.8	26.1	23.9	28.1
Slovenia	645	28.5	48.6	17.9	5.0	28.5	28.5	28.4
Spain	594	22.8	53.6	19.5	4.1	22.8	25.4	20.2
Sweden	624	28.8	55.0	14.3	1.9	28.8	34.4	24.3
Thailand	629	12.9	68.6	16.0	2.4	12.9	12.3	13.6
Tunisia	691	3.6	58.7	27.1	10.6	3.6	4.1	3.2
Turkey	1080	26.6	60.1	12.0	1.2	26.6	26.2	27.0
United Arab Emirates	2080	12.8	55.4	23.6	8.2	12.8	15.2	10.3
United States	1789	31.4	62.6	2.9	3.1	31.4	32.8	30.0
Yemen	1136	0.5	46.0	41.6	12.0	0.5	0.5	0.5
International Avg. (50)	37141	24.6	52.5	18.7	4.2	24.6	26.0	23.3
Botswana (6)	609	6.3	88.8	4.2	0.7	6.3	6.7	5.8
Honduras (6)	553	6.7	69.4	17.5	6.4	6.7	6.1	7.3
Yemen (6)	702	6.6	57.7	29.0	6.7	6.6	7.4	5.9
Alberta, Canada	531	33.2	61.1	3.9	1.7	33.2	36.9	30.0
Ontario, Canada	649	29.8	58.4	7.9	3.8	29.8	26.5	33.3
Quebec, Canada	617	30.1	59.7	8.5	1.7	30.1	29.4	30.9
Abu Dhabi, UAE	591	11.4	59.1	21.2	8.3	11.4	13.9	9.0
Dubai, UAE	867	17.8	55.8	19.3	7.1	17.8	20.0	15.9
Florida, US	375	36.1	59.5	2.5	1.9	36.1	39.9	32.1
North Carolina, US	250	31.2	61.7	3.7	3.4	31.2	36.8	25.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_01 (S041010): Life Science / Knowing
Label: The function of seeds - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	701	53.1	53.1	9.7	21.4	10.1	2.7	2.9	56.0	50.6
Australia	870	75.0	75.0	9.5	6.4	8.5	0.6	0.0	77.5	72.8
Austria	661	91.7	91.7	1.2	4.4	1.3	1.4	0.0	90.9	92.4
Azerbaijan	695	72.0	72.0	6.6	7.6	9.0	3.8	1.0	75.6	68.5
Bahrain	588	68.4	68.4	9.4	10.1	11.0	0.6	0.5	67.3	69.6
Belgium (Flemish)	692	84.9	84.9	4.8	3.9	4.7	1.6	0.1	84.8	85.1
Chile	798	81.6	81.6	3.5	7.7	5.6	0.8	0.7	81.7	81.5
Chinese Taipei	615	91.5	91.5	3.3	2.1	2.9	0.0	0.2	90.4	92.6
Croatia	659	87.5	87.5	5.1	2.5	4.2	0.6	0.1	88.4	86.7
Czech Republic	660	94.1	94.1	2.3	0.6	2.3	0.7	0.0	91.6	96.5
Denmark	566	80.2	80.2	5.2	6.2	4.8	3.4	0.1	80.8	79.7
England	486	81.5	81.5	5.1	5.0	7.5	0.7	0.3	80.6	82.4
Finland	650	95.0	95.0	2.0	0.3	1.8	0.8	0.1	94.7	95.3
Georgia	689	79.0	79.0	6.8	7.3	5.0	1.0	0.9	87.3	71.7
Germany	581	93.1	93.1	2.1	3.1	0.8	1.0	0.0	92.8	93.5
Hong Kong SAR	567	87.0	87.0	5.4	2.4	4.1	1.1	0.0	86.7	87.4
Hungary	741	91.3	91.3	3.6	1.5	2.6	0.6	0.4	90.2	92.4
Iran, Islamic Rep. of	814	59.0	59.0	19.1	13.4	5.9	1.8	0.7	57.4	60.6
Ireland	645	76.3	76.3	8.9	4.9	9.6	0.3	0.1	78.2	74.2
Italy	600	93.5	93.5	2.0	2.1	2.4	0.0	0.0	93.5	93.5
Japan	629	78.8	78.8	10.8	7.2	2.2	1.0	0.0	77.1	80.4
Kazakhstan	622	80.3	80.3	5.8	6.6	5.8	0.3	1.1	81.5	79.1
Korea, Rep. of	619	89.8	89.8	5.2	3.5	1.3	0.1	0.0	89.7	89.8
Kuwait	582	44.8	44.8	18.6	22.1	10.6	3.5	0.4	42.4	47.5
Lithuania	663	85.2	85.2	2.9	8.1	3.0	0.8	0.0	86.9	83.6
Malta	509	64.0	64.0	11.0	13.8	9.9	1.4	0.0	67.1	61.2
Morocco	1077	41.4	41.4	20.0	20.6	14.6	1.6	1.8	44.3	38.9
Netherlands	464	89.7	89.7	3.9	2.7	2.8	0.9	0.0	89.9	89.2
New Zealand	794	76.3	76.3	7.1	7.8	8.3	0.5	0.1	75.5	77.1
Northern Ireland	516	80.8	80.8	8.2	4.4	5.8	0.8	0.0	86.9	74.6
Norway	442	75.5	75.5	2.6	8.2	12.5	0.9	0.3	76.0	75.1
Oman	1495	51.0	51.0	18.0	19.5	8.8	1.8	1.0	51.6	50.3
Poland	732	85.7	85.7	1.8	4.6	6.6	1.0	0.4	87.5	83.8
Portugal	574	89.7	89.7	4.4	3.3	2.3	0.1	0.2	90.1	89.2
Qatar	591	60.0	60.0	15.0	12.6	10.8	1.3	0.4	57.9	61.7
Romania	654	81.2	81.2	7.7	2.6	5.8	1.6	1.1	81.0	81.4
Russian Federation	642	93.5	93.5	3.7	1.1	1.3	0.3	0.0	92.6	94.4
Saudi Arabia	672	55.5	55.5	18.2	15.0	10.3	0.4	0.5	57.8	52.9
Serbia	625	93.1	93.1	2.8	0.9	1.6	1.2	0.4	93.4	92.9
Singapore	903	85.2	85.2	5.5	4.8	4.3	0.1	0.0	84.7	85.8
Slovak Republic	795	90.0	90.0	2.3	3.3	3.7	0.5	0.2	90.3	89.7
Slovenia	641	92.4	92.4	3.3	1.7	2.1	0.6	0.0	92.6	92.2
Spain	585	84.4	84.4	7.6	3.6	3.5	0.9	0.0	80.6	87.8
Sweden	643	90.9	90.9	1.0	2.4	5.4	0.2	0.2	91.0	90.8
Thailand	627	75.1	75.1	10.0	7.3	6.6	0.4	0.6	79.7	70.3
Tunisia	678	44.2	44.2	12.9	17.6	16.6	6.3	2.4	44.5	43.9
Turkey	1083	78.8	78.8	9.4	6.2	4.9	0.7	0.0	79.0	78.5
United Arab Emirates	2069	65.4	65.4	13.4	13.8	5.9	1.4	0.1	67.3	63.4
United States	1801	85.2	85.2	4.7	4.3	4.2	1.3	0.4	84.2	86.2
Yemen	1154	22.1	22.1	26.9	25.1	16.6	6.7	2.6	23.6	21.1
International Avg. (50)	37159	77.3	77.3	7.6	7.4	6.0	1.2	0.4	77.9	76.8
Botswana (6)	598	62.0	62.0	16.0	14.8	6.3	1.0	0.0	65.9	57.8
Honduras (6)	557	83.9	83.9	3.2	9.7	1.4	0.2	1.5	82.8	84.9
Yemen (6)	689	39.3	39.3	24.8	14.0	18.5	3.0	0.3	42.3	37.2
Alberta, Canada	519	86.2	86.2	3.6	4.1	4.8	1.3	0.0	85.2	87.2
Ontario, Canada	637	81.4	81.4	5.2	5.0	6.5	1.5	0.4	79.3	83.6
Quebec, Canada	615	83.5	83.5	5.6	5.3	4.6	0.9	0.0	81.2	86.1
Abu Dhabi, UAE	587	63.1	63.1	13.3	15.0	7.0	1.6	0.0	63.4	62.9
Dubai, UAE	868	75.8	75.8	10.0	8.2	4.8	1.0	0.3	78.9	73.0
Florida, US	364	84.0	84.0	7.4	4.7	2.4	1.3	0.2	82.7	85.3
North Carolina, US	247	84.3	84.3	7.2	3.8	3.3	1.3	0.0	85.2	83.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S13_02 (S041034): Life Science / Knowing

Label: Exercising and breathing faster - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	716	72.3	9.3	2.9	10.5	72.3	2.2	2.8	72.4	72.3
Australia	870	59.3	5.1	5.3	28.8	59.3	1.3	0.0	59.5	59.2
Austria	661	73.8	6.7	4.2	13.5	73.8	1.8	0.0	70.4	77.4
Azerbaijan	695	77.7	6.2	2.3	10.1	77.7	2.6	1.2	79.2	76.1
Bahrain	588	53.5	13.2	5.6	26.0	53.5	1.2	0.5	55.6	51.3
Belgium (Flemish)	692	74.9	4.6	3.8	15.1	74.9	1.5	0.1	75.6	74.2
Chile	798	56.6	5.5	4.1	32.1	56.6	0.8	0.8	51.9	60.7
Chinese Taipei	615	65.1	3.5	4.3	26.9	65.1	0.0	0.2	64.0	66.0
Croatia	659	80.8	4.3	1.4	13.2	80.8	0.1	0.1	83.2	78.6
Czech Republic	660	70.4	6.6	0.8	20.1	70.4	1.9	0.1	65.4	75.2
Denmark	566	73.9	6.3	1.2	15.1	73.9	3.4	0.1	73.5	74.3
England	486	64.5	4.5	3.1	26.2	64.5	1.0	0.7	58.1	70.8
Finland	650	73.3	6.8	0.6	18.0	73.3	1.2	0.1	69.7	77.0
Georgia	689	76.0	8.8	1.9	10.5	76.0	2.0	0.9	77.7	74.4
Germany	581	75.5	5.0	2.9	15.3	75.5	1.2	0.0	74.7	76.4
Hong Kong SAR	567	79.2	4.7	2.2	13.7	79.2	0.2	0.0	76.0	82.0
Hungary	741	77.6	5.7	0.9	14.4	77.6	1.1	0.4	76.1	79.0
Iran, Islamic Rep. of	814	70.7	8.6	2.7	14.2	70.7	2.7	1.0	76.0	65.3
Ireland	645	60.8	8.1	4.1	26.4	60.8	0.4	0.1	59.0	62.8
Italy	600	74.3	2.8	1.6	20.6	74.3	0.8	0.0	70.2	78.4
Japan	629	70.8	10.8	7.0	10.7	70.8	0.4	0.2	65.9	75.7
Kazakhstan	622	65.4	12.5	1.5	18.9	65.4	0.6	1.1	62.9	68.0
Korea, Rep. of	619	70.1	5.5	0.8	23.3	70.1	0.5	0.0	65.1	75.0
Kuwait	582	40.3	26.3	7.4	20.3	40.3	5.1	0.6	43.0	37.1
Lithuania	663	80.3	2.6	1.4	15.0	80.3	0.7	0.0	77.6	82.8
Malta	509	49.8	9.4	7.9	31.4	49.8	1.6	0.0	41.0	57.6
Morocco	1071	41.6	17.1	10.7	26.0	41.6	2.6	2.1	41.1	42.1
Netherlands	464	81.7	7.0	2.6	7.8	81.7	0.6	0.2	82.0	81.2
New Zealand	794	60.9	7.3	5.0	25.9	60.9	0.8	0.1	60.1	61.7
Northern Ireland	516	61.1	4.7	3.7	29.6	61.1	0.9	0.0	57.1	65.2
Norway	442	59.3	4.5	6.7	27.0	59.3	2.2	0.3	59.6	58.9
Oman	1495	44.5	19.7	6.3	26.5	44.5	1.9	1.1	48.1	40.9
Poland	732	63.4	7.4	2.7	23.9	63.4	2.1	0.5	60.9	65.8
Portugal	574	70.4	5.1	3.6	19.4	70.4	1.3	0.2	72.9	68.2
Qatar	591	55.3	11.9	7.3	24.0	55.3	1.2	0.4	58.4	52.7
Romania	653	70.1	6.2	2.4	18.5	70.1	1.7	1.1	70.3	70.0
Russian Federation	642	84.5	4.8	1.3	8.6	84.5	0.7	0.0	84.1	85.0
Saudi Arabia	668	51.2	15.8	8.5	22.9	51.2	1.1	0.5	51.2	51.1
Serbia	625	66.6	8.7	0.5	21.1	66.6	2.5	0.6	69.7	63.5
Singapore	903	85.0	4.4	2.6	7.9	85.0	0.2	0.0	83.6	86.4
Slovak Republic	795	71.8	5.7	2.8	18.7	71.8	0.8	0.2	67.2	77.0
Slovenia	638	69.3	14.6	1.4	14.0	69.3	0.6	0.1	68.0	70.7
Spain	585	78.5	4.4	1.1	14.8	78.5	1.2	0.0	75.6	81.1
Sweden	643	64.4	8.1	1.2	25.6	64.4	0.5	0.2	60.8	67.4
Thailand	627	50.9	10.4	2.8	34.7	50.9	0.6	0.6	52.5	49.3
Tunisia	690	56.1	9.3	9.8	15.6	56.1	6.4	2.9	55.0	57.0
Turkey	1083	70.0	11.3	2.6	15.3	70.0	0.7	0.1	71.3	68.9
United Arab Emirates	2069	59.7	13.8	4.5	20.6	59.7	1.3	0.1	60.2	59.2
United States	1801	65.8	4.2	3.1	25.6	65.8	0.7	0.6	63.9	67.9
Yemen	1154	34.6	13.8	13.4	28.2	34.6	7.1	2.9	40.1	30.9
International Avg. (50)	37172	66.1	8.3	3.8	19.8	66.1	1.5	0.5	65.1	67.0
Botswana (6)	598	48.4	23.4	4.8	22.1	48.4	1.4	0.0	48.6	48.1
Honduras (6)	557	54.5	9.3	2.5	31.7	54.5	0.4	1.5	52.4	56.3
Yemen (6)	689	54.4	18.4	4.6	18.8	54.4	3.5	0.3	58.8	51.1
Alberta, Canada	519	58.4	5.1	4.3	30.8	58.4	1.1	0.3	55.3	61.4
Ontario, Canada	637	60.3	3.7	3.3	30.3	60.3	2.0	0.5	58.8	61.7
Quebec, Canada	615	56.7	4.0	4.5	34.1	56.7	0.8	0.0	54.7	59.0
Abu Dhabi, UAE	587	56.2	15.2	4.1	23.1	56.2	1.2	0.2	52.9	59.4
Dubai, UAE	868	62.8	11.3	3.7	20.7	62.8	1.3	0.3	67.1	58.8
Florida, US	364	68.3	5.7	2.3	22.1	68.3	1.4	0.2	68.7	67.9
North Carolina, US	247	62.3	3.8	4.2	28.3	62.3	1.3	0.0	61.5	63.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S13_03 (S041017): Life Science / Applying

Label: Animals take care of their young -- Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	705	28.2	28.2	5.0	59.4	2.7	1.8	3.0	30.1	26.5
Australia	870	48.9	48.9	4.0	43.0	2.9	1.2	0.0	51.4	46.5
Austria	661	52.5	52.5	5.6	34.0	4.3	3.6	0.0	50.3	54.7
Azerbaijan	695	43.4	43.4	4.1	40.8	3.3	6.9	1.4	43.1	43.7
Bahrain	588	31.8	31.8	7.3	51.0	7.0	2.2	0.8	38.1	25.5
Belgium (Flemish)	692	44.2	44.2	2.9	49.1	1.9	1.8	0.1	41.9	46.5
Chile	798	40.9	40.9	5.0	46.3	4.9	1.8	1.0	42.8	39.2
Chinese Taipei	615	54.4	54.4	2.1	42.5	0.9	0.0	0.2	52.0	56.4
Croatia	659	28.8	28.8	1.8	64.4	2.9	2.0	0.1	28.2	29.4
Czech Republic	660	45.0	45.0	4.1	45.8	2.0	3.0	0.1	45.3	44.7
Denmark	566	46.1	46.1	4.2	44.9	1.4	3.3	0.1	44.8	47.4
England	486	40.2	40.2	2.6	52.0	3.3	1.2	0.7	41.5	39.0
Finland	650	48.3	48.3	9.2	37.4	3.8	1.2	0.1	46.7	50.0
Georgia	689	51.0	51.0	8.7	29.2	6.5	3.6	1.0	50.3	51.5
Germany	581	50.5	50.5	2.5	42.9	1.5	2.6	0.0	48.1	52.8
Hong Kong SAR	567	37.8	37.8	10.0	46.5	4.9	0.8	0.0	35.9	39.5
Hungary	741	45.1	45.1	4.7	47.3	1.1	1.6	0.4	44.7	45.5
Iran, Islamic Rep. of	814	43.8	43.8	6.3	40.7	6.3	1.8	1.2	41.6	46.0
Ireland	645	33.8	33.8	6.2	50.6	7.6	1.6	0.1	35.1	32.5
Italy	600	42.4	42.4	4.2	49.6	2.8	1.2	0.0	44.1	40.6
Japan	629	50.6	50.6	4.8	42.3	1.3	0.7	0.2	51.5	49.8
Kazakhstan	622	44.0	44.0	4.7	44.2	4.0	1.9	1.2	41.3	46.7
Korea, Rep. of	619	54.2	54.2	4.6	39.4	1.5	0.3	0.0	53.4	54.9
Kuwait	579	27.2	27.2	14.3	36.7	12.7	8.3	0.8	26.7	27.7
Lithuania	663	49.4	49.4	2.4	43.2	2.5	2.5	0.0	51.1	47.9
Malta	509	32.7	32.7	5.9	50.5	7.8	3.0	0.0	29.1	35.9
Morocco	1052	31.7	31.7	15.2	35.9	12.7	1.9	2.6	34.3	29.2
Netherlands	464	57.8	57.8	3.4	37.5	0.2	0.9	0.2	58.1	57.5
New Zealand	794	42.3	42.3	4.9	47.7	4.7	0.4	0.1	40.5	44.1
Northern Ireland	516	32.4	32.4	3.8	57.1	5.5	1.3	0.0	32.9	31.9
Norway	442	47.7	47.7	9.6	37.5	3.4	1.3	0.5	52.3	43.2
Oman	1495	30.8	30.8	13.8	43.1	8.9	2.1	1.3	31.9	29.7
Poland	732	46.4	46.4	3.2	44.9	2.0	2.3	1.2	47.3	45.6
Portugal	574	41.2	41.2	2.1	52.9	1.7	1.9	0.2	39.4	42.7
Qatar	591	30.2	30.2	9.9	46.1	9.9	3.6	0.4	31.1	29.4
Romania	654	35.8	35.8	3.2	53.7	3.5	2.3	1.4	31.7	39.1
Russian Federation	642	51.6	51.6	3.6	41.7	2.6	0.4	0.0	48.4	54.5
Saudi Arabia	672	31.1	31.1	11.8	47.3	7.3	2.0	0.5	32.3	29.8
Serbia	625	26.3	26.3	2.1	66.4	1.8	2.4	1.1	23.9	28.7
Singapore	903	69.1	69.1	1.8	27.1	1.7	0.3	0.0	68.8	69.5
Slovak Republic	795	47.4	47.4	3.5	45.9	1.4	1.5	0.3	47.3	47.5
Slovenia	640	45.1	45.1	2.6	48.4	1.9	1.9	0.1	43.9	46.2
Spain	585	38.4	38.4	2.4	55.1	2.0	2.1	0.0	37.4	39.3
Sweden	643	45.2	45.2	3.0	48.9	1.6	1.0	0.2	40.1	49.2
Thailand	627	52.2	52.2	9.1	31.6	5.6	0.9	0.6	51.1	53.4
Tunisia	674	37.3	37.3	6.9	35.4	7.0	10.2	3.2	42.5	33.3
Turkey	1083	43.9	43.9	3.0	47.6	4.5	0.9	0.1	38.8	48.4
United Arab Emirates	2069	36.5	36.5	9.1	44.6	7.2	2.4	0.2	36.9	36.1
United States	1801	52.2	52.2	2.2	41.4	1.8	1.7	0.7	53.3	51.1
Yemen	1154	22.3	22.3	17.4	31.3	16.8	9.3	2.9	21.1	23.2
International Avg. (50)	37130	42.2	42.2	5.7	44.9	4.4	2.3	0.6	41.9	42.5
Botswana (6)	598	42.9	42.9	13.2	30.7	11.6	1.4	0.1	43.1	42.6
Honduras (6)	557	51.6	51.6	3.4	39.5	2.5	1.3	1.7	49.9	53.0
Yemen (6)	689	33.3	33.3	15.1	36.2	11.6	3.1	0.8	38.0	29.9
Alberta, Canada	519	51.7	51.7	2.4	40.9	3.0	1.6	0.4	50.0	53.2
Ontario, Canada	637	44.3	44.3	3.7	45.7	3.6	2.2	0.5	46.1	42.6
Quebec, Canada	615	46.1	46.1	2.6	48.0	2.3	1.0	0.0	47.0	45.1
Abu Dhabi, UAE	587	38.1	38.1	11.5	41.8	6.3	2.1	0.2	36.0	40.3
Dubai, UAE	868	36.3	36.3	6.5	50.0	4.7	2.0	0.4	37.0	35.7
Florida, US	364	52.9	52.9	1.3	42.2	1.6	1.6	0.5	50.4	55.6
North Carolina, US	247	49.9	49.9	0.8	46.7	0.3	2.4	0.0	54.3	45.8

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S13_04 (S041124): Life Science / Applying
Label: Advantage for monarch butterfly - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	690	22.1	22.1	16.1	16.9	36.1	5.6	3.1	23.7	20.7
Australia	870	47.5	47.5	12.5	14.9	23.6	1.5	0.0	46.9	48.1
Austria	661	50.1	50.1	5.6	10.7	25.0	8.6	0.0	49.5	50.7
Azerbaijan	696	25.7	25.7	13.3	20.5	23.0	15.2	2.3	24.0	27.4
Bahrain	588	45.8	45.8	16.6	12.1	22.5	2.3	0.8	44.3	47.3
Belgium (Flemish)	692	42.7	42.7	11.2	18.4	26.4	1.1	0.2	37.7	47.7
Chile	798	34.8	34.8	14.2	17.4	30.3	2.1	1.0	35.4	34.3
Chinese Taipei	615	47.3	47.3	11.9	23.1	17.2	0.3	0.2	43.8	50.2
Croatia	659	36.3	36.3	8.2	21.9	30.1	3.4	0.1	37.3	35.4
Czech Republic	660	62.8	62.8	6.0	12.1	16.2	2.7	0.1	66.1	59.7
Denmark	566	55.4	55.4	9.2	17.5	14.8	3.1	0.1	54.5	56.3
England	486	52.1	52.1	9.5	14.2	22.0	1.5	0.7	51.2	53.0
Finland	650	67.5	67.5	3.7	11.7	15.6	1.3	0.1	65.3	69.8
Georgia	689	40.1	40.1	12.3	16.1	26.2	4.2	1.0	48.7	32.6
Germany	581	50.7	50.7	7.1	9.9	28.4	3.9	0.0	51.4	50.1
Hong Kong SAR	567	36.2	36.2	12.3	36.9	12.7	1.8	0.0	37.2	35.4
Hungary	741	59.3	59.3	3.2	14.4	21.3	1.4	0.4	59.0	59.5
Iran, Islamic Rep. of	815	34.2	34.2	17.3	21.0	21.0	5.3	1.2	35.4	32.9
Ireland	645	50.2	50.2	14.2	10.0	24.7	0.8	0.1	50.1	50.3
Italy	600	44.9	44.9	7.5	14.4	30.3	3.0	0.0	45.3	44.4
Japan	629	50.1	50.1	12.4	16.0	20.1	1.1	0.2	43.9	56.3
Kazakhstan	622	37.1	37.1	18.7	21.3	19.6	2.0	1.3	35.4	39.0
Korea, Rep. of	619	47.6	47.6	6.7	25.4	19.5	0.8	0.0	44.7	50.4
Kuwait	579	28.6	28.6	15.9	25.9	23.2	5.6	0.8	29.7	27.4
Lithuania	663	55.0	55.0	9.0	16.7	16.2	3.1	0.0	50.8	58.8
Malta	509	28.9	28.9	19.5	18.7	28.8	4.0	0.0	24.1	33.3
Morocco	1069	35.5	35.5	23.0	19.6	17.3	1.9	2.6	39.6	31.9
Netherlands	464	55.4	55.4	6.2	13.1	24.0	1.1	0.2	55.6	55.3
New Zealand	794	50.9	50.9	13.8	13.0	21.9	0.3	0.1	47.7	54.2
Northern Ireland	516	49.8	49.8	10.0	16.2	23.3	0.7	0.0	46.6	53.0
Norway	442	37.9	37.9	15.5	24.6	19.1	2.4	0.5	32.4	43.1
Oman	1495	31.3	31.3	22.6	21.4	20.3	2.9	1.3	32.7	30.0
Poland	732	39.0	39.0	9.6	21.3	25.6	2.9	1.6	42.0	36.1
Portugal	574	37.5	37.5	10.5	11.9	37.2	2.7	0.2	31.7	42.7
Qatar	591	37.6	37.6	16.8	11.6	30.9	2.6	0.5	42.6	33.4
Romania	653	47.8	47.8	12.2	12.2	23.4	2.9	1.4	45.7	49.4
Russian Federation	642	49.8	49.8	6.8	24.8	17.4	1.2	0.0	47.6	51.8
Saudi Arabia	674	34.5	34.5	23.2	20.4	20.0	1.3	0.5	37.7	30.9
Serbia	625	33.1	33.1	18.0	14.6	28.3	4.8	1.2	33.1	33.1
Singapore	903	43.0	43.0	8.3	15.0	33.6	0.1	0.0	41.4	44.6
Slovak Republic	795	62.6	62.6	8.2	13.6	14.2	1.0	0.3	61.9	63.4
Slovenia	641	40.6	40.6	6.6	23.0	26.0	3.5	0.3	39.4	41.7
Spain	585	44.7	44.7	10.3	17.0	25.0	2.8	0.2	43.3	46.0
Sweden	643	50.9	50.9	9.1	13.7	24.3	1.8	0.2	53.9	48.6
Thailand	627	33.7	33.7	11.6	32.4	20.7	1.0	0.6	35.2	32.2
Tunisia	684	26.0	26.0	20.4	24.2	17.9	8.1	3.4	31.9	21.3
Turkey	1083	34.8	34.8	16.7	13.2	33.2	2.0	0.1	30.6	38.5
United Arab Emirates	2069	38.5	38.5	16.3	17.5	25.1	2.5	0.2	39.4	37.5
United States	1801	44.8	44.8	9.4	16.8	27.0	1.3	0.7	43.6	46.2
Yemen	1154	21.1	21.1	20.3	31.6	16.7	7.2	3.1	21.3	20.9
International Avg. (50)	37146	42.7	42.7	12.4	18.0	23.3	2.9	0.7	42.2	43.1
Botswana (6)	598	28.9	28.9	26.0	13.5	30.7	0.8	0.1	25.9	32.2
Honduras (6)	557	43.4	43.4	17.2	18.6	17.9	1.2	1.7	36.7	49.3
Yemen (6)	690	19.4	19.4	19.0	43.6	13.5	3.7	0.8	19.3	19.6
Alberta, Canada	519	52.4	52.4	10.5	15.7	19.9	1.2	0.4	48.9	55.6
Ontario, Canada	637	49.9	49.9	10.2	14.6	23.1	1.6	0.6	47.3	52.6
Quebec, Canada	615	41.9	41.9	13.7	19.0	23.2	2.2	0.0	41.9	41.8
Abu Dhabi, UAE	587	37.9	37.9	16.6	19.2	23.5	2.6	0.2	39.5	36.3
Dubai, UAE	868	42.4	42.4	13.0	15.2	26.9	2.1	0.4	40.7	44.0
Florida, US	364	49.1	49.1	8.5	16.2	24.7	1.1	0.5	45.1	53.5
North Carolina, US	247	42.7	42.7	11.9	13.4	29.8	2.2	0.0	39.6	45.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S13_05 (S041186): Physical Science / Applying
Label: Freezing point of water - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	20.9	41.7	33.6	3.7	20.9	20.8	21.0
Australia	870	16.2	79.7	3.9	0.2	16.2	13.7	18.7
Austria	661	34.1	58.1	7.7	0.2	34.1	25.4	42.9
Azerbaijan	696	29.3	40.5	27.8	2.4	29.3	27.4	31.0
Bahrain	588	16.1	72.5	10.2	1.1	16.1	14.1	18.1
Belgium (Flemish)	692	27.0	70.3	2.6	0.2	27.0	25.7	28.3
Chile	798	7.6	76.8	14.4	1.2	7.6	6.0	9.1
Chinese Taipei	615	13.5	80.3	6.0	0.2	13.5	14.2	12.9
Croatia	659	57.0	38.2	4.7	0.1	57.0	57.5	56.6
Czech Republic	660	45.4	50.4	4.1	0.1	45.4	40.7	50.0
Denmark	566	62.2	31.0	6.7	0.1	62.2	61.6	62.8
England	486	30.6	67.0	1.6	0.9	30.6	26.2	34.9
Finland	650	46.6	52.0	1.3	0.1	46.6	41.4	51.9
Georgia	689	18.9	53.0	26.8	1.3	18.9	19.4	18.4
Germany	581	48.0	47.2	4.8	0.0	48.0	45.5	50.6
Hong Kong SAR	567	22.7	73.8	3.5	0.0	22.7	17.6	27.2
Hungary	740	44.7	52.9	2.0	0.4	44.7	40.2	48.7
Iran, Islamic Rep. of	815	11.1	68.3	18.8	1.8	11.1	11.8	10.4
Ireland	645	24.8	70.5	4.6	0.1	24.8	21.9	27.8
Italy	600	17.2	72.6	9.6	0.5	17.2	14.7	19.8
Japan	629	77.9	20.1	1.7	0.2	77.9	77.5	78.4
Kazakhstan	622	44.2	43.1	11.1	1.6	44.2	41.6	47.0
Korea, Rep. of	619	15.5	82.7	1.9	0.0	15.5	11.6	19.3
Kuwait	586	15.2	59.3	24.3	1.3	15.2	16.6	13.6
Lithuania	663	9.4	86.3	4.1	0.1	9.4	5.1	13.4
Malta	509	17.5	75.7	6.8	0.0	17.5	18.8	16.3
Morocco	1128	5.2	51.1	41.0	2.7	5.2	5.9	4.5
Netherlands	464	35.4	61.9	2.5	0.2	35.4	34.3	37.3
New Zealand	794	17.8	79.0	3.1	0.1	17.8	16.8	18.8
Northern Ireland	516	28.8	67.9	3.4	0.0	28.8	26.3	31.3
Norway	442	39.8	53.6	5.9	0.7	39.8	38.2	41.3
Oman	1495	19.4	61.1	17.9	1.6	19.4	20.1	18.7
Poland	732	21.0	71.7	5.7	1.6	21.0	18.6	23.4
Portugal	574	29.6	63.4	6.8	0.2	29.6	25.3	33.5
Qatar	591	15.0	70.9	13.6	0.5	15.0	13.3	16.4
Romania	654	25.2	65.0	8.2	1.6	25.2	26.8	23.9
Russian Federation	642	31.8	64.8	3.2	0.2	31.8	27.5	35.9
Saudi Arabia	674	23.2	66.5	9.7	0.6	23.2	25.6	20.5
Serbia	625	21.6	69.7	7.1	1.5	21.6	22.3	20.9
Singapore	903	50.2	49.1	0.7	0.0	50.2	46.1	54.3
Slovak Republic	795	22.5	74.2	3.0	0.3	22.5	20.8	24.4
Slovenia	641	19.1	75.8	4.8	0.3	19.1	18.1	20.0
Spain	585	18.7	69.6	11.5	0.2	18.7	17.4	19.9
Sweden	643	45.3	49.1	5.5	0.2	45.3	44.0	46.3
Thailand	627	17.4	66.0	16.0	0.6	17.4	17.9	16.9
Tunisia	703	5.7	70.9	19.6	3.8	5.7	6.6	5.1
Turkey	1083	14.8	76.1	9.1	0.1	14.8	13.0	16.3
United Arab Emirates	2069	18.8	67.7	13.1	0.3	18.8	19.4	18.3
United States	1801	22.2	75.0	1.8	0.9	22.2	19.7	25.0
Yemen	1153	2.2	51.9	42.5	3.3	2.2	2.8	1.9
International Avg. (50)	37264	26.5	62.7	10.0	0.8	26.5	24.9	28.1
Botswana (6)	598	15.5	74.3	10.1	0.1	15.5	15.6	15.4
Honduras (6)	557	2.8	77.9	17.4	1.9	2.8	2.9	2.6
Yemen (6)	690	2.8	70.7	25.5	1.1	2.8	2.3	3.2
Alberta, Canada	519	33.8	63.5	2.2	0.4	33.8	29.2	38.3
Ontario, Canada	637	36.1	58.9	4.3	0.6	36.1	33.9	38.4
Quebec, Canada	615	24.4	72.1	3.5	0.0	24.4	19.8	29.5
Abu Dhabi, UAE	587	19.1	69.9	10.5	0.6	19.1	20.2	18.0
Dubai, UAE	868	21.5	65.0	13.1	0.5	21.5	20.8	22.1
Florida, US	364	16.7	80.7	2.1	0.5	16.7	15.8	17.8
North Carolina, US	247	19.1	78.2	2.3	0.5	19.1	21.0	17.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_06 (S041037): Life Science / Reasoning

Label: Pos. or neg. effect of activity - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	18.1	18.0	25.3	34.4	4.2	36.1	18.1	19.2	17.1
Australia	870	49.4	21.7	26.9	1.6	0.4	71.1	49.4	53.6	45.4
Austria	661	43.1	25.5	27.3	3.9	0.2	68.6	43.1	35.6	50.8
Azerbaijan	695	6.0	19.6	44.3	27.4	2.6	25.6	6.0	5.4	6.5
Bahrain	588	18.8	18.4	56.1	5.4	1.3	37.2	18.8	19.0	18.6
Belgium (Flemish)	692	44.8	29.6	24.8	0.6	0.2	74.5	44.8	45.9	43.8
Chile	798	46.6	26.0	21.0	4.7	1.7	72.6	46.6	43.3	49.5
Chinese Taipei	615	47.7	29.7	21.9	0.5	0.2	77.4	47.7	48.4	47.1
Croatia	659	49.6	35.4	12.4	2.4	0.2	84.9	49.6	51.0	48.2
Czech Republic	660	41.2	22.6	30.2	5.8	0.1	63.8	41.2	36.0	46.3
Denmark	566	37.3	32.1	26.6	3.8	0.1	69.4	37.3	35.8	38.8
England	486	57.3	24.8	15.8	1.3	0.9	82.0	57.3	55.6	58.9
Finland	650	61.5	22.0	14.2	2.2	0.1	83.5	61.5	58.1	64.9
Georgia	685	20.9	24.0	40.8	12.2	2.1	44.9	20.9	23.4	18.8
Germany	581	45.8	24.9	25.6	3.7	0.0	70.7	45.8	42.5	49.1
Hong Kong SAR	567	40.4	35.1	23.3	1.3	0.0	75.5	40.4	43.8	37.4
Hungary	741	50.3	21.3	24.0	3.8	0.6	71.7	50.3	48.9	51.6
Iran, Islamic Rep. of	815	38.2	19.4	32.1	8.0	2.3	57.6	38.2	36.3	40.1
Ireland	645	47.8	22.2	28.4	1.4	0.1	70.0	47.8	51.1	44.4
Italy	600	42.0	31.9	23.8	1.6	0.6	73.9	42.0	42.7	41.4
Japan	629	55.5	30.8	12.9	0.4	0.4	86.3	55.5	54.1	56.8
Kazakhstan	622	32.1	34.3	23.6	8.2	1.8	66.4	32.1	31.1	33.1
Korea, Rep. of	619	71.7	19.0	9.2	0.0	0.0	90.8	71.7	70.5	72.9
Kuwait	585	7.3	9.8	59.2	21.2	2.6	17.1	7.3	9.0	5.3
Lithuania	663	35.3	28.2	34.4	2.0	0.1	63.4	35.3	28.1	41.8
Malta	509	36.3	22.2	38.2	3.4	0.0	58.5	36.3	37.3	35.4
Morocco	1127	5.1	10.3	63.1	17.8	3.7	15.4	5.1	5.6	4.7
Netherlands	464	54.9	30.4	14.2	0.2	0.2	85.3	54.9	56.3	53.3
New Zealand	794	45.6	23.3	29.0	2.0	0.1	68.9	45.6	44.2	47.0
Northern Ireland	516	61.0	26.0	12.2	0.8	0.0	87.0	61.0	63.3	58.7
Norway	442	35.5	28.3	32.6	2.7	0.8	63.8	35.5	39.6	31.6
Oman	1495	14.6	12.6	59.2	11.2	2.4	27.2	14.6	16.2	13.0
Poland	732	29.4	34.0	29.1	5.5	1.9	63.4	29.4	29.5	29.3
Portugal	574	58.4	22.9	17.7	0.8	0.3	81.3	58.4	61.4	55.7
Qatar	591	17.3	14.1	59.2	8.9	0.5	31.4	17.3	18.2	16.6
Romania	654	39.9	21.4	28.3	8.7	1.6	61.3	39.9	40.2	39.7
Russian Federation	642	49.3	28.0	17.1	5.3	0.3	77.3	49.3	49.2	49.3
Saudi Arabia	674	1.6	28.8	62.1	6.9	0.6	30.4	1.6	1.6	1.5
Serbia	625	44.0	28.9	21.4	3.9	1.7	73.0	44.0	47.0	41.1
Singapore	903	37.9	27.7	34.0	0.2	0.1	65.7	37.9	37.4	38.4
Slovak Republic	795	38.1	29.3	28.1	4.2	0.3	67.4	38.1	36.1	40.4
Slovenia	641	44.2	28.3	23.6	3.5	0.4	72.5	44.2	41.9	46.5
Spain	585	59.3	24.4	13.4	2.6	0.2	83.7	59.3	57.9	60.5
Sweden	643	65.6	23.4	9.2	1.4	0.4	89.1	65.6	60.5	69.7
Thailand	627	40.1	27.9	25.8	5.5	0.7	67.9	40.1	42.8	37.2
Tunisia	703	9.2	14.8	63.0	6.8	6.2	24.0	9.2	7.7	10.3
Turkey	1083	27.2	30.5	40.5	1.6	0.2	57.8	27.2	27.4	27.1
United Arab Emirates	2069	18.6	18.6	56.1	6.2	0.5	37.2	18.6	19.5	17.8
United States	1801	58.2	17.8	21.2	1.7	1.1	76.0	58.2	58.5	57.9
Yemen	1153	3.5	4.5	60.3	27.4	4.2	8.1	3.5	4.0	3.2
International Avg. (50)	37257	38.1	24.1	30.9	5.9	1.0	62.2	38.1	37.8	38.3
Botswana (6)	598	11.8	11.0	73.0	4.1	0.1	22.7	11.8	11.3	12.3
Honduras (6)	557	20.9	2.6	67.1	7.1	2.2	23.5	20.9	21.5	20.5
Yemen (6)	690	8.1	10.8	64.5	15.4	1.2	18.9	8.1	7.1	8.8
Alberta, Canada	519	66.3	17.6	14.0	1.7	0.4	83.9	66.3	64.2	68.3
Ontario, Canada	637	58.4	19.7	19.5	1.3	1.0	78.1	58.4	59.0	57.8
Quebec, Canada	615	64.4	23.7	10.8	1.1	0.0	88.1	64.4	64.5	64.3
Abu Dhabi, UAE	587	16.0	14.7	62.6	6.2	0.6	30.6	16.0	16.3	15.6
Dubai, UAE	868	30.3	22.5	42.2	4.3	0.6	52.9	30.3	31.9	28.9
Florida, US	364	64.9	17.7	13.4	3.5	0.5	82.7	64.9	66.0	63.8
North Carolina, US	247	62.2	15.4	18.9	3.0	0.5	77.6	62.2	59.0	65.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_07 (S041119): Physical Science / Applying
Label: Direction of gravity - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	685	33.9	42.3	8.1	33.9	4.7	6.4	4.5	33.6	34.2
Australia	870	70.6	16.8	4.5	70.6	5.2	2.2	0.6	72.1	69.2
Austria	661	76.6	12.5	3.4	76.6	3.6	3.8	0.2	71.3	82.1
Azerbaijan	695	61.7	9.6	4.7	61.7	7.9	12.6	3.5	62.9	60.5
Bahrain	588	73.4	13.1	2.7	73.4	6.2	2.6	2.0	78.9	67.9
Belgium (Flemish)	692	66.8	24.4	5.0	66.8	1.8	1.7	0.3	67.3	66.4
Chile	798	61.9	16.7	6.2	61.9	10.8	1.8	2.6	61.2	62.5
Chinese Taipei	615	87.8	9.2	1.8	87.8	1.0	0.0	0.2	86.6	88.9
Croatia	659	43.0	24.6	15.9	43.0	9.1	7.1	0.3	38.5	47.2
Czech Republic	660	64.7	22.3	3.1	64.7	3.9	5.8	0.1	61.8	67.6
Denmark	566	66.8	22.5	3.8	66.8	2.0	4.5	0.5	63.6	69.9
England	486	73.8	15.5	3.4	73.8	2.9	3.5	0.9	67.6	80.0
Finland	650	82.4	8.9	3.7	82.4	2.8	1.9	0.3	80.1	84.7
Georgia	685	56.5	17.7	8.2	56.5	10.3	4.8	2.5	59.1	54.3
Germany	581	79.2	11.8	3.1	79.2	1.9	3.9	0.0	75.4	83.2
Hong Kong SAR	567	87.6	5.8	1.7	87.6	3.4	1.5	0.0	83.8	90.9
Hungary	741	58.7	27.5	7.4	58.7	3.6	1.9	0.9	53.6	63.3
Iran, Islamic Rep. of	815	78.2	7.6	4.1	78.2	3.6	3.2	3.2	78.9	77.6
Ireland	645	62.8	22.4	7.3	62.8	4.7	2.7	0.1	60.5	65.2
Italy	600	71.0	16.1	5.4	71.0	2.8	4.0	0.6	69.3	72.8
Japan	629	68.0	17.4	8.6	68.0	3.1	2.4	0.4	64.9	71.0
Kazakhstan	622	76.1	9.1	4.5	76.1	6.6	1.9	1.9	75.5	76.6
Korea, Rep. of	619	75.4	21.2	2.3	75.4	0.9	0.2	0.0	71.7	79.1
Kuwait	582	58.0	9.5	6.5	58.0	17.2	5.9	2.9	64.8	50.1
Lithuania	663	88.0	5.9	1.4	88.0	3.7	0.7	0.2	88.0	88.1
Malta	509	49.8	25.9	11.5	49.8	10.4	2.0	0.4	47.1	52.2
Morocco	1081	56.0	9.3	17.2	56.0	10.1	3.2	4.1	60.9	51.6
Netherlands	464	70.2	17.3	6.5	70.2	2.8	2.8	0.4	67.8	73.9
New Zealand	794	69.2	17.4	6.7	69.2	4.8	1.8	0.1	68.7	69.7
Northern Ireland	516	66.9	18.9	8.5	66.9	3.2	2.4	0.0	64.7	69.2
Norway	442	63.4	22.7	6.7	63.4	3.4	2.5	1.4	69.5	57.5
Oman	1495	67.2	9.0	5.8	67.2	11.7	3.3	3.0	71.5	62.8
Poland	732	68.3	12.1	9.1	68.3	5.3	3.0	2.2	66.0	70.6
Portugal	574	63.6	21.6	8.7	63.6	3.6	2.3	0.3	64.8	62.4
Qatar	591	56.1	16.3	9.0	56.1	14.0	3.9	0.7	58.4	54.1
Romania	654	74.2	10.8	4.2	74.2	5.3	3.5	1.9	74.8	73.7
Russian Federation	642	90.7	5.1	1.6	90.7	2.1	0.2	0.3	88.0	93.2
Saudi Arabia	674	76.8	7.1	4.4	76.8	9.8	1.3	0.6	81.5	71.5
Serbia	625	86.8	4.2	2.1	86.8	2.1	2.9	1.8	86.0	87.7
Singapore	902	65.9	22.9	7.3	65.9	3.0	0.8	0.1	59.9	71.9
Slovak Republic	795	79.4	14.6	2.9	79.4	2.1	0.7	0.3	76.7	82.3
Slovenia	639	86.0	4.4	1.7	86.0	6.2	1.1	0.5	82.5	89.5
Spain	585	77.0	13.7	1.6	77.0	2.6	4.5	0.6	74.6	79.2
Sweden	643	53.9	20.5	17.3	53.9	4.9	3.0	0.4	47.0	59.4
Thailand	627	57.4	21.6	11.2	57.4	8.0	1.1	0.7	55.5	59.5
Tunisia	695	63.8	6.2	8.3	63.8	6.7	7.9	7.1	71.3	57.9
Turkey	1083	66.9	19.6	6.5	66.9	6.2	0.7	0.2	67.0	66.8
United Arab Emirates	2069	63.9	15.5	6.5	63.9	10.6	2.3	1.2	66.0	61.6
United States	1801	70.5	16.9	4.8	70.5	5.0	1.5	1.2	68.6	72.6
Yemen	1153	48.7	6.3	13.3	48.7	19.1	8.0	4.6	47.2	49.7
International Avg. (50)	37159	68.3	15.4	6.2	68.3	5.7	3.1	1.3	67.5	69.1
Botswana (6)	598	43.0	25.9	14.8	43.0	14.5	1.3	0.4	41.8	44.4
Honduras (6)	557	73.3	11.5	3.1	73.3	6.5	2.7	2.9	73.3	73.3
Yemen (6)	690	72.7	7.9	6.1	72.7	8.9	3.1	1.3	73.7	72.0
Alberta, Canada	519	77.6	10.8	3.8	77.6	6.1	1.1	0.5	73.8	81.2
Ontario, Canada	637	76.7	12.9	2.5	76.7	3.7	3.0	1.1	74.9	78.6
Quebec, Canada	615	67.8	22.0	4.0	67.8	3.3	2.8	0.0	63.8	72.2
Abu Dhabi, UAE	587	62.7	13.6	7.8	62.7	12.1	1.9	1.9	65.8	59.6
Dubai, UAE	868	62.6	18.9	5.9	62.6	9.0	2.7	0.9	60.8	64.3
Florida, US	364	70.9	14.7	5.2	70.9	5.2	2.5	1.6	70.4	71.4
North Carolina, US	247	62.2	19.5	8.1	62.2	5.4	3.5	1.3	59.0	65.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S13_08 (S041105): Earth Science / Knowing

Label: Evidence for existence of animals - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	679	37.9	17.4	16.5	17.0	37.9	6.4	4.8	36.7	39.0
Australia	870	70.3	6.9	14.0	6.4	70.3	1.4	1.0	66.8	73.5
Austria	661	74.4	7.0	10.5	4.0	74.4	3.8	0.2	72.8	76.0
Azerbaijan	696	39.6	8.6	25.8	10.2	39.6	12.1	3.7	42.3	37.0
Bahrain	588	46.6	14.5	15.3	20.2	46.6	1.4	2.0	45.9	47.4
Belgium (Flemish)	692	59.8	5.3	13.2	19.6	59.8	1.7	0.5	54.1	65.6
Chile	798	45.2	12.1	18.1	20.4	45.2	1.6	2.7	41.1	48.7
Chinese Taipei	615	85.5	3.6	6.1	4.5	85.5	0.2	0.2	85.5	85.5
Croatia	659	80.9	3.2	7.5	6.4	80.9	1.5	0.6	81.3	80.6
Czech Republic	660	75.3	5.5	12.4	4.7	75.3	2.0	0.1	74.7	76.0
Denmark	566	67.9	5.2	8.4	13.4	67.9	4.0	1.0	67.7	68.2
England	486	71.9	7.4	11.1	6.6	71.9	1.9	1.1	69.4	74.4
Finland	650	78.4	2.1	13.7	4.0	78.4	1.4	0.3	72.3	84.6
Georgia	689	65.1	7.1	10.3	10.2	65.1	4.4	3.0	73.4	57.9
Germany	581	78.2	4.6	7.4	5.7	78.2	3.9	0.3	75.4	81.0
Hong Kong SAR	567	84.5	4.9	4.8	4.3	84.5	1.2	0.2	82.2	86.5
Hungary	741	73.9	5.0	12.6	5.5	73.9	1.9	1.1	74.2	73.7
Iran, Islamic Rep. of	815	37.4	9.3	39.6	7.3	37.4	2.8	3.6	37.2	37.7
Ireland	645	69.2	6.9	16.7	6.2	69.2	0.9	0.1	71.2	67.0
Italy	600	56.2	4.9	18.3	18.0	56.2	2.0	0.6	56.3	56.2
Japan	629	67.8	6.2	16.8	8.1	67.8	0.5	0.6	67.8	67.8
Kazakhstan	621	47.1	10.2	24.4	13.6	47.1	2.7	1.9	44.4	50.0
Korea, Rep. of	619	84.1	4.2	7.2	4.2	84.1	0.3	0.0	83.0	85.1
Kuwait	578	37.3	10.9	15.8	25.8	37.3	7.1	3.1	40.8	33.3
Lithuania	663	60.8	6.2	22.2	5.9	60.8	4.7	0.2	60.1	61.5
Malta	509	53.8	12.5	19.3	11.4	53.8	2.6	0.4	52.3	55.1
Morocco	1071	24.7	18.7	21.4	26.9	24.7	3.8	4.6	26.0	23.4
Netherlands	464	68.3	4.1	7.4	18.2	68.3	1.1	0.9	65.7	71.4
New Zealand	794	69.1	10.5	13.0	6.4	69.1	1.0	0.1	68.9	69.2
Northern Ireland	516	72.4	4.3	14.5	7.7	72.4	0.9	0.3	72.0	72.8
Norway	442	77.4	8.8	6.5	4.2	77.4	1.4	1.5	80.1	74.9
Oman	1495	40.8	18.1	20.3	14.1	40.8	3.5	3.3	43.8	37.8
Poland	732	77.6	5.7	8.3	3.9	77.6	2.1	2.4	78.5	76.8
Portugal	574	53.5	5.7	25.4	12.5	53.5	2.7	0.3	55.1	52.0
Qatar	591	39.7	17.0	19.4	20.6	39.7	2.6	0.7	39.2	40.2
Romania	653	65.6	8.9	9.0	10.4	65.6	4.2	2.0	62.3	68.2
Russian Federation	642	72.4	1.7	21.2	2.9	72.4	1.5	0.3	71.2	73.5
Saudi Arabia	674	36.5	18.2	21.9	20.8	36.5	1.9	0.6	35.2	38.1
Serbia	625	71.9	3.8	13.2	7.2	71.9	2.0	1.9	68.9	74.9
Singapore	903	71.2	7.1	10.2	11.1	71.2	0.3	0.1	67.2	75.3
Slovak Republic	795	69.0	7.3	14.5	7.0	69.0	1.9	0.3	67.4	70.8
Slovenia	635	69.0	7.1	9.1	11.4	69.0	2.7	0.6	65.2	72.7
Spain	585	47.7	10.4	16.7	19.8	47.7	4.7	0.6	41.0	53.9
Sweden	643	71.0	6.7	11.5	8.9	71.0	1.4	0.5	66.5	74.6
Thailand	627	54.6	10.4	16.4	16.7	54.6	1.0	0.7	62.8	46.1
Tunisia	676	29.4	9.6	16.6	27.7	29.4	8.9	7.8	30.3	28.7
Turkey	1083	46.4	14.6	18.8	18.0	46.4	2.0	0.2	45.6	47.1
United Arab Emirates	2069	45.3	15.8	13.8	21.6	45.3	2.1	1.4	45.6	45.1
United States	1801	77.5	6.3	6.5	6.9	77.5	1.4	1.4	75.0	80.1
Yemen	1152	19.6	13.2	27.7	27.8	19.6	7.1	4.6	17.4	21.0
International Avg. (50)	37119	60.4	8.5	15.0	11.9	60.4	2.7	1.4	59.6	61.2
Botswana (6)	598	37.3	26.6	18.4	16.4	37.3	0.7	0.6	37.6	36.9
Honduras (6)	557	50.4	20.2	16.5	7.0	50.4	3.1	2.9	42.3	57.4
Yemen (6)	689	23.3	15.8	27.3	29.4	23.3	3.0	1.3	25.3	21.8
Alberta, Canada	519	82.2	6.5	4.2	5.1	82.2	1.3	0.7	79.4	84.8
Ontario, Canada	637	71.9	9.1	8.5	7.8	71.9	1.6	1.1	71.8	71.9
Quebec, Canada	615	68.3	6.3	10.8	12.7	68.3	1.7	0.1	68.9	67.7
Abu Dhabi, UAE	587	42.3	17.7	15.2	20.9	42.3	1.8	2.1	41.9	42.7
Dubai, UAE	868	56.5	13.4	13.3	13.9	56.5	1.9	0.9	54.7	58.2
Florida, US	364	73.2	6.1	7.5	9.5	73.2	1.6	2.0	72.0	74.6
North Carolina, US	247	75.4	6.1	6.4	6.7	75.4	2.9	2.5	75.8	75.1

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S13_09 (S041193): Physical Science / Applying
Label: Vibrations start on a guitar - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	704	75.0	3.8	5.3	9.2	75.0	1.5	5.3	78.2	72.1
Australia	870	68.6	12.4	5.5	10.9	68.6	1.4	1.2	71.7	65.7
Austria	661	64.1	23.7	2.6	8.2	64.1	1.3	0.2	58.8	69.6
Azerbaijan	696	79.5	5.3	3.8	5.3	79.5	1.8	4.4	78.3	80.6
Bahrain	588	51.3	15.3	9.1	21.1	51.3	0.7	2.4	49.9	52.7
Belgium (Flemish)	692	81.3	6.7	2.8	8.0	81.3	0.7	0.5	80.6	82.0
Chile	798	72.1	6.8	6.3	10.4	72.1	1.0	3.4	72.4	71.8
Chinese Taipei	615	81.1	6.1	4.0	8.6	81.1	0.0	0.2	83.1	79.4
Croatia	659	69.2	21.2	2.4	5.1	69.2	1.3	0.8	64.8	73.3
Czech Republic	660	58.8	32.7	1.7	5.5	58.8	1.2	0.1	54.8	62.7
Denmark	566	68.4	9.4	7.0	11.1	68.4	2.6	1.5	66.4	70.4
England	486	71.3	9.1	8.8	8.3	71.3	1.3	1.1	69.5	73.1
Finland	650	79.2	12.1	3.5	4.1	79.2	0.8	0.3	78.2	80.3
Georgia	689	68.7	4.5	3.3	16.6	68.7	3.1	3.7	69.1	68.3
Germany	581	60.8	23.2	4.8	8.8	60.8	2.0	0.4	61.9	59.6
Hong Kong SAR	567	71.3	8.6	11.3	7.7	71.3	0.9	0.2	71.0	71.5
Hungary	741	81.9	8.1	3.6	4.7	81.9	0.6	1.2	81.1	82.6
Iran, Islamic Rep. of	815	65.0	8.4	4.3	16.3	65.0	2.0	4.1	66.1	63.9
Ireland	645	70.9	9.6	7.7	11.1	70.9	0.7	0.1	71.5	70.1
Italy	600	77.8	7.8	6.5	5.9	77.8	1.5	0.6	75.1	80.5
Japan	629	67.3	8.0	13.5	10.1	67.3	0.5	0.6	67.6	67.0
Kazakhstan	622	55.5	20.0	7.8	13.4	55.5	0.5	2.7	54.2	56.9
Korea, Rep. of	619	76.4	2.4	12.9	8.1	76.4	0.2	0.0	75.2	77.6
Kuwait	579	34.6	18.3	15.6	22.8	34.6	5.4	3.4	36.2	32.8
Lithuania	663	74.1	16.1	5.6	3.1	74.1	0.9	0.2	75.7	72.7
Malta	509	62.6	8.8	12.5	14.1	62.6	1.4	0.6	60.8	64.1
Morocco	1078	27.6	24.3	15.8	23.8	27.6	2.6	6.0	30.8	24.8
Netherlands	464	75.8	8.7	10.3	3.8	75.8	0.5	0.9	74.0	78.1
New Zealand	794	65.9	12.7	6.6	13.2	65.9	1.6	0.1	67.2	64.6
Northern Ireland	516	71.1	10.3	8.1	10.1	71.1	0.2	0.3	71.4	70.7
Norway	442	68.8	15.8	2.8	8.5	68.8	2.5	1.5	71.3	66.4
Oman	1495	31.5	16.2	10.7	35.9	31.5	2.1	3.6	29.0	34.0
Poland	732	67.4	19.1	3.0	7.5	67.4	0.3	2.6	67.1	67.8
Portugal	574	83.2	6.0	3.9	6.3	83.2	0.1	0.4	83.2	83.2
Qatar	591	48.8	15.3	13.1	19.7	48.8	2.0	1.1	48.5	49.1
Romania	654	78.7	2.4	2.2	12.3	78.7	1.6	2.9	78.8	78.5
Russian Federation	642	77.1	9.9	8.3	3.5	77.1	0.8	0.5	79.2	75.1
Saudi Arabia	674	36.7	12.8	26.1	22.3	36.7	0.9	1.3	33.6	40.2
Serbia	625	63.9	21.3	5.9	5.4	63.9	1.3	2.2	64.7	63.0
Singapore	903	79.4	5.7	9.9	4.9	79.4	0.1	0.1	77.7	81.1
Slovak Republic	795	78.8	10.9	3.8	4.9	78.8	1.2	0.3	78.8	78.8
Slovenia	640	68.0	19.4	4.3	6.3	68.0	0.9	1.0	71.9	64.1
Spain	585	75.1	9.7	4.8	7.5	75.1	2.2	0.7	73.4	76.6
Sweden	643	74.7	13.8	5.2	4.7	74.7	0.8	0.7	76.7	73.0
Thailand	627	72.4	8.5	6.8	11.0	72.4	0.5	0.7	76.6	68.0
Tunisia	690	33.5	8.2	10.5	33.6	33.5	5.9	8.4	32.2	34.5
Turkey	1083	77.7	10.1	3.9	7.2	77.7	0.2	0.9	77.8	77.5
United Arab Emirates	2069	52.8	14.6	9.9	19.8	52.8	1.3	1.6	53.0	52.6
United States	1801	74.4	7.9	5.1	10.1	74.4	0.9	1.5	74.0	74.9
Yemen	1153	21.8	16.2	23.6	26.5	21.8	7.0	4.8	17.3	25.0
International Avg. (50)	37174	65.8	12.2	7.5	11.3	65.8	1.5	1.7	65.6	66.1
Botswana (6)	598	49.2	10.2	6.6	32.9	49.2	0.5	0.6	50.0	48.3
Honduras (6)	557	74.7	6.3	2.7	11.4	74.7	1.8	3.1	82.4	68.0
Yemen (6)	689	33.0	15.5	15.2	32.5	33.0	2.3	1.5	31.9	33.9
Alberta, Canada	519	75.7	7.9	5.3	9.2	75.7	1.2	0.8	75.8	75.5
Ontario, Canada	637	71.1	8.2	6.4	11.9	71.1	0.9	1.5	72.1	70.1
Quebec, Canada	615	78.1	10.4	3.3	7.1	78.1	1.0	0.1	76.4	80.0
Abu Dhabi, UAE	587	50.8	15.8	9.0	20.8	50.8	1.4	2.3	50.0	51.5
Dubai, UAE	868	64.8	10.4	7.2	15.4	64.8	1.1	1.1	66.5	63.3
Florida, US	364	74.7	8.6	2.9	10.1	74.7	1.5	2.3	75.0	74.3
North Carolina, US	247	75.0	6.4	3.8	10.4	75.0	2.0	2.5	77.1	73.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S13_10A (S041149A): Earth Science / Reasoning
Label: Why water does not go into glass - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	8.0	37.6	48.8	5.6	8.0	7.0	8.9
Australia	870	25.7	65.5	7.7	1.2	25.7	25.3	26.1
Austria	661	32.9	51.0	15.9	0.2	32.9	26.0	40.0
Azerbaijan	696	15.4	35.0	45.2	4.4	15.4	15.6	15.3
Bahrain	588	11.5	73.5	12.5	2.4	11.5	11.1	12.0
Belgium (Flemish)	692	16.0	76.4	7.0	0.5	16.0	12.0	20.0
Chile	798	8.0	75.0	13.4	3.6	8.0	5.8	10.0
Chinese Taipei	615	53.8	38.8	7.3	0.2	53.8	51.6	55.7
Croatia	659	21.8	66.2	11.0	1.0	21.8	21.5	22.1
Czech Republic	660	31.9	53.6	14.4	0.1	31.9	27.3	36.4
Denmark	566	27.9	57.7	12.8	1.5	27.9	27.8	28.1
England	486	15.4	77.6	5.9	1.1	15.4	9.9	20.9
Finland	650	37.8	57.1	4.8	0.3	37.8	30.7	45.0
Georgia	684	9.8	61.9	24.5	3.9	9.8	8.6	10.9
Germany	581	33.5	52.7	13.2	0.6	33.5	28.1	39.0
Hong Kong SAR	567	34.7	52.4	12.7	0.2	34.7	34.6	34.8
Hungary	741	32.9	58.8	7.0	1.3	32.9	31.3	34.4
Iran, Islamic Rep. of	815	10.3	71.1	14.4	4.2	10.3	6.1	14.6
Ireland	645	19.1	73.8	7.0	0.1	19.1	21.1	16.9
Italy	600	32.0	55.0	12.4	0.6	32.0	30.4	33.6
Japan	629	65.4	32.0	2.0	0.6	65.4	63.5	67.2
Kazakhstan	622	35.6	42.6	19.0	2.7	35.6	33.2	38.2
Korea, Rep. of	619	61.6	37.0	1.4	0.0	61.6	57.5	65.7
Kuwait	586	1.9	63.7	30.6	3.9	1.9	2.0	1.7
Lithuania	663	20.5	70.9	8.4	0.2	20.5	14.5	26.0
Malta	509	8.0	72.5	18.7	0.8	8.0	7.1	8.8
Morocco	1128	10.2	43.9	39.1	6.8	10.2	12.5	8.3
Netherlands	464	19.3	73.5	6.2	0.9	19.3	17.8	21.3
New Zealand	794	19.3	74.3	6.1	0.4	19.3	15.7	22.8
Northern Ireland	516	12.9	79.5	7.3	0.3	12.9	10.4	15.4
Norway	442	11.4	70.5	14.9	3.2	11.4	8.3	14.4
Oman	1495	7.7	63.5	25.1	3.7	7.7	8.4	7.1
Poland	732	11.2	65.7	20.5	2.6	11.2	10.0	12.3
Portugal	574	17.8	74.0	7.8	0.4	17.8	15.7	19.7
Qatar	591	10.1	71.3	17.4	1.1	10.1	11.4	9.1
Romania	654	16.3	67.3	13.3	3.0	16.3	16.4	16.2
Russian Federation	642	41.4	48.1	10.1	0.5	41.4	39.7	42.9
Saudi Arabia	674	7.4	78.2	13.0	1.4	7.4	5.6	9.4
Serbia	625	26.2	62.2	9.1	2.5	26.2	23.9	28.5
Singapore	903	82.0	16.7	1.3	0.1	82.0	81.2	82.7
Slovak Republic	795	29.8	57.6	12.2	0.3	29.8	25.9	34.1
Slovenia	641	23.4	64.9	10.6	1.0	23.4	18.9	27.9
Spain	585	18.6	69.6	11.0	0.8	18.6	15.4	21.6
Sweden	643	37.0	53.1	9.2	0.7	37.0	33.9	39.5
Thailand	627	23.3	60.3	15.3	1.0	23.3	22.0	24.7
Tunisia	703	17.8	59.5	14.4	8.3	17.8	21.7	14.8
Turkey	1083	19.4	72.0	7.7	0.9	19.4	17.9	20.7
United Arab Emirates	2069	9.6	69.5	19.3	1.6	9.6	9.1	10.1
United States	1801	20.7	74.4	3.2	1.6	20.7	20.3	21.2
Yemen	1153	7.9	58.9	28.2	5.0	7.9	6.1	9.2
International Avg. (50)	37260	23.4	60.8	14.0	1.8	23.4	21.5	25.3
Botswana (6)	598	3.8	87.7	7.8	0.8	3.8	2.7	5.0
Honduras (6)	557	13.8	72.3	10.8	3.1	13.8	9.5	17.5
Yemen (6)	688	10.3	69.9	18.3	1.5	10.3	6.7	12.9
Alberta, Canada	519	17.7	75.8	5.8	0.8	17.7	11.2	23.7
Ontario, Canada	637	16.0	78.7	3.7	1.5	16.0	15.0	17.0
Quebec, Canada	615	20.5	72.8	6.6	0.1	20.5	15.9	25.7
Abu Dhabi, UAE	587	10.5	70.8	16.5	2.3	10.5	10.0	10.9
Dubai, UAE	868	13.1	68.9	16.9	1.1	13.1	10.5	15.5
Florida, US	364	18.3	73.8	5.1	2.7	18.3	15.1	21.9
North Carolina, US	247	16.4	76.1	5.0	2.5	16.4	16.1	16.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_10B (S041149B): Earth Science / Reasoning
Label: Tipping caused cotton to get wet - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	6.0	4.3	32.7	51.4	5.6	10.3	9.0	11.5
Australia	870	12.0	8.7	69.7	8.5	1.2	20.7	21.0	20.4
Austria	661	11.7	15.1	54.8	18.3	0.2	26.8	18.7	35.0
Azerbaijan	697	4.5	5.7	36.5	48.9	4.4	10.2	9.8	10.6
Bahrain	588	9.2	4.1	68.0	16.3	2.4	13.3	13.5	13.2
Belgium (Flemish)	692	6.3	8.6	78.3	6.3	0.5	14.9	11.7	18.1
Chile	798	3.6	3.0	75.9	14.0	3.6	6.6	4.8	8.1
Chinese Taipei	615	19.3	28.2	44.8	7.6	0.2	47.5	46.9	48.0
Croatia	659	8.4	10.3	65.8	14.5	1.0	18.7	16.1	21.2
Czech Republic	660	16.1	11.9	56.7	15.3	0.1	28.0	24.5	31.3
Denmark	566	14.7	9.0	63.4	11.4	1.5	23.7	18.5	28.8
England	486	11.2	5.8	73.0	8.9	1.1	17.0	13.9	20.1
Finland	650	17.9	20.0	56.2	5.5	0.3	38.0	33.8	42.2
Georgia	685	4.1	2.9	63.0	26.3	3.8	6.9	6.0	7.7
Germany	581	15.4	12.6	56.2	15.2	0.6	28.0	21.1	35.0
Hong Kong SAR	567	15.9	17.5	53.9	12.5	0.2	33.4	32.7	34.0
Hungary	741	17.7	14.9	57.4	8.7	1.3	32.6	30.0	34.9
Iran, Islamic Rep. of	815	7.3	5.3	64.7	18.4	4.2	12.7	8.1	17.4
Ireland	645	7.3	8.0	74.7	9.8	0.1	15.3	17.5	13.1
Italy	600	14.8	12.0	55.8	16.8	0.6	26.8	24.9	28.7
Japan	629	28.2	34.2	35.3	1.7	0.6	62.4	62.7	62.0
Kazakhstan	622	28.0	2.5	45.4	21.4	2.7	30.5	25.7	35.5
Korea, Rep. of	619	31.9	23.1	43.2	1.8	0.0	54.9	51.9	58.0
Kuwait	586	1.9	4.0	56.1	34.2	3.9	5.9	7.4	4.2
Lithuania	663	8.9	9.4	71.5	10.1	0.2	18.3	13.3	22.8
Malta	509	3.9	3.5	68.1	23.7	0.8	7.4	6.2	8.5
Morocco	1127	4.4	2.0	43.4	43.3	6.8	6.5	6.0	6.9
Netherlands	464	8.8	10.4	74.9	4.9	0.9	19.3	15.9	23.4
New Zealand	794	8.1	9.3	74.4	7.7	0.4	17.5	12.1	22.9
Northern Ireland	516	7.4	6.0	78.4	7.9	0.3	13.4	11.4	15.4
Norway	442	5.3	6.1	70.5	15.0	3.2	11.4	8.4	14.3
Oman	1495	1.8	3.6	60.6	30.4	3.7	5.4	6.6	4.2
Poland	732	6.8	4.3	61.8	24.6	2.6	11.0	8.9	13.1
Portugal	574	10.8	6.3	72.5	10.0	0.4	17.1	13.0	20.8
Qatar	591	3.3	4.1	70.7	20.8	1.1	7.4	9.5	5.6
Romania	654	14.5	5.2	61.6	15.6	3.0	19.7	20.5	19.1
Russian Federation	642	19.6	18.1	49.8	12.0	0.5	37.7	36.2	39.2
Saudi Arabia	673	5.0	1.7	76.5	15.3	1.4	6.8	5.6	8.1
Serbia	625	11.2	12.5	61.6	12.3	2.5	23.7	21.4	25.9
Singapore	903	52.0	24.0	22.4	1.6	0.1	76.0	73.6	78.3
Slovak Republic	795	9.8	16.1	61.3	12.6	0.3	25.9	22.8	29.3
Slovenia	641	9.8	13.8	63.7	11.6	1.0	23.6	17.2	30.0
Spain	585	13.9	5.4	66.3	13.6	0.8	19.3	15.4	22.9
Sweden	643	18.5	16.4	53.7	10.7	0.7	34.9	31.3	37.7
Thailand	627	10.3	9.0	64.7	15.1	1.0	19.3	18.7	19.9
Tunisia	703	5.2	8.1	59.8	18.6	8.3	13.3	18.7	9.2
Turkey	1083	9.0	8.9	71.0	10.2	0.9	17.8	14.3	20.9
United Arab Emirates	2069	4.4	3.1	67.9	23.0	1.6	7.5	6.9	8.1
United States	1801	11.5	8.7	74.6	3.5	1.6	20.3	18.2	22.5
Yemen	1153	1.4	2.8	54.6	36.1	5.0	4.2	3.7	4.6
International Avg. (50)	37259	11.6	9.8	60.8	16.1	1.8	21.4	19.3	23.4
Botswana (6)	598	3.6	1.9	85.1	8.7	0.8	5.4	4.9	6.0
Honduras (6)	557	4.4	6.6	70.4	15.4	3.1	11.1	8.1	13.7
Yemen (6)	690	3.3	4.6	67.5	23.1	1.5	7.8	6.6	8.8
Alberta, Canada	519	11.1	10.2	71.2	6.7	0.8	21.3	14.2	28.0
Ontario, Canada	637	9.6	9.3	74.0	5.6	1.5	18.9	15.0	22.9
Quebec, Canada	615	7.6	10.6	72.9	8.8	0.1	18.2	14.4	22.4
Abu Dhabi, UAE	587	4.5	3.1	70.5	19.7	2.3	7.6	7.7	7.4
Dubai, UAE	868	6.4	4.6	69.3	18.7	1.1	11.0	7.0	14.7
Florida, US	364	8.9	6.1	79.1	3.1	2.7	15.0	12.7	17.6
North Carolina, US	247	7.8	6.4	78.6	4.7	2.5	14.2	11.6	16.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_10Z (S041149Z): Earth Science / Reasoning

Label: Water glass cotton get wet-DERIVED - Points: 2

COUNTRY	N	20 %	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	6.3	5.7	38.3	44.1	5.6	11.9	6.3	5.3	7.1
Australia	870	16.2	14.1	61.8	6.8	1.2	30.2	16.2	16.1	16.2
Austria	661	23.2	13.3	50.9	12.4	0.2	36.5	23.2	16.7	29.8
Azerbaijan	696	9.3	7.0	38.4	40.9	4.4	16.3	9.3	8.9	9.7
Bahrain	588	7.7	9.6	69.6	10.8	2.4	17.2	7.7	6.5	8.8
Belgium (Flemish)	692	11.9	7.1	75.4	5.0	0.5	19.0	11.9	9.0	14.8
Chile	798	4.7	5.2	75.1	11.4	3.6	9.9	4.7	2.4	6.7
Chinese Taipei	615	42.3	16.7	35.1	5.8	0.2	59.0	42.3	40.2	44.0
Croatia	659	15.6	9.4	65.0	9.0	1.0	25.0	15.6	14.1	16.9
Czech Republic	660	23.8	12.4	52.7	11.1	0.1	36.1	23.8	20.1	27.3
Denmark	566	19.0	13.7	56.1	9.7	1.5	32.7	19.0	15.8	22.1
England	486	11.2	10.0	73.9	3.8	1.1	21.2	11.2	7.3	15.1
Finland	650	30.3	15.2	50.2	4.0	0.3	45.5	30.3	24.0	36.7
Georgia	680	6.8	3.3	65.1	20.9	3.9	10.1	6.8	6.0	7.5
Germany	581	25.0	11.5	51.9	11.0	0.6	36.5	25.0	18.7	31.4
Hong Kong SAR	567	27.6	13.0	48.7	10.5	0.2	40.6	27.6	29.5	25.9
Hungary	741	26.3	12.9	53.4	6.2	1.3	39.2	26.3	24.7	27.8
Iran, Islamic Rep. of	815	9.5	3.9	69.1	13.3	4.2	13.4	9.5	6.1	13.1
Ireland	645	12.9	8.5	72.7	5.8	0.1	21.5	12.9	14.9	10.9
Italy	600	23.8	11.2	52.9	11.5	0.6	35.0	23.8	22.6	24.9
Japan	629	56.8	14.1	27.2	1.3	0.6	70.9	56.8	56.1	57.6
Kazakhstan	622	27.3	11.5	41.9	16.6	2.7	38.8	27.3	24.5	30.2
Korea, Rep. of	619	50.8	15.0	33.4	0.8	0.0	65.8	50.8	46.9	54.6
Kuwait	586	1.4	4.9	62.6	27.2	3.9	6.3	1.4	1.6	1.2
Lithuania	663	15.9	7.0	70.0	6.9	0.2	22.9	15.9	11.7	19.7
Malta	509	6.2	3.0	73.7	16.3	0.8	9.2	6.2	5.0	7.3
Morocco	1127	5.1	6.5	45.1	36.6	6.8	11.6	5.1	5.2	5.0
Netherlands	464	14.4	9.7	70.6	4.3	0.9	24.1	14.4	13.2	16.0
New Zealand	794	13.7	9.2	71.6	5.0	0.4	23.0	13.7	9.8	17.7
Northern Ireland	516	9.1	8.2	77.4	5.1	0.3	17.2	9.1	7.1	11.0
Norway	442	7.1	8.7	69.4	11.7	3.2	15.8	7.1	5.5	8.6
Oman	1495	4.5	4.1	65.5	22.3	3.7	8.6	4.5	5.5	3.5
Poland	732	8.6	4.9	64.8	19.1	2.6	13.5	8.6	6.3	10.9
Portugal	574	13.4	8.1	71.2	6.9	0.4	21.5	13.4	10.7	15.8
Qatar	591	5.6	6.2	72.3	14.7	1.1	11.9	5.6	6.3	5.1
Romania	654	14.4	7.2	63.4	11.9	3.0	21.6	14.4	13.6	15.1
Russian Federation	642	34.3	10.5	46.1	8.7	0.5	44.8	34.3	32.9	35.6
Saudi Arabia	673	5.1	3.9	79.9	9.6	1.4	9.0	5.1	3.8	6.6
Serbia	625	20.4	9.0	60.1	8.0	2.5	29.4	20.4	18.5	22.4
Singapore	903	72.0	14.0	13.0	1.0	0.1	86.0	72.0	70.1	73.9
Slovak Republic	795	20.8	14.0	55.7	9.2	0.3	34.9	20.8	17.8	24.1
Slovenia	641	17.6	11.8	61.2	8.3	1.0	29.4	17.6	12.6	22.6
Spain	585	15.8	6.4	67.7	9.3	0.8	22.2	15.8	12.8	18.5
Sweden	643	28.9	14.0	49.1	7.2	0.7	43.0	28.9	25.7	31.5
Thailand	627	14.9	12.8	58.6	12.7	1.0	27.7	14.9	14.6	15.2
Tunisia	703	8.9	13.4	58.6	10.9	8.3	22.3	8.9	12.9	5.8
Turkey	1083	13.6	10.1	69.1	6.4	0.9	23.6	13.6	11.4	15.4
United Arab Emirates	2069	5.7	5.7	70.9	16.1	1.6	11.4	5.7	5.3	6.2
United States	1801	16.0	8.9	71.4	2.1	1.6	25.0	16.0	14.4	17.8
Yemen	1153	2.8	6.5	59.4	26.2	5.0	9.3	2.8	2.1	3.3
International Avg. (50)	37253	17.7	9.5	59.1	11.9	1.8	27.1	17.7	15.9	19.5
Botswana (6)	598	2.6	3.9	87.9	4.7	0.8	6.6	2.6	1.8	3.6
Honduras (6)	557	9.8	5.2	71.7	10.1	3.1	15.1	9.8	7.6	11.8
Yemen (6)	688	4.8	8.6	70.1	15.0	1.5	13.4	4.8	3.5	5.7
Alberta, Canada	519	13.8	11.4	69.1	4.9	0.8	25.2	13.8	8.5	18.7
Ontario, Canada	637	12.8	9.3	73.4	2.9	1.5	22.1	12.8	11.0	14.7
Quebec, Canada	615	14.2	10.1	69.9	5.6	0.1	24.4	14.2	10.4	18.6
Abu Dhabi, UAE	587	5.4	7.2	71.7	13.4	2.3	12.6	5.4	5.3	5.5
Dubai, UAE	868	8.7	6.8	69.4	14.1	1.1	15.5	8.7	5.8	11.4
Florida, US	364	12.4	8.5	75.1	1.2	2.7	21.0	12.4	9.6	15.6
North Carolina, US	247	11.6	7.4	75.1	3.4	2.5	19.0	11.6	9.0	14.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_11 (S041032): Life Science / Knowing
Label: Staying in sun with no protection - Points: 1

COUNTRY	N	10 %	11 %	19 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	3.9	48.4	6.4	11.2	18.3	11.8	58.7	64.6	53.3
Australia	870	43.6	47.4	2.2	1.7	3.3	1.8	93.1	95.3	91.1
Austria	661	4.1	84.7	5.1	2.4	2.9	0.7	93.9	94.9	93.0
Azerbaijan	697	0.3	60.6	5.1	2.9	22.1	9.0	66.0	68.6	63.5
Bahrain	588	3.8	43.2	4.2	28.8	15.1	4.9	51.2	58.3	44.3
Belgium (Flemish)	692	2.7	89.0	2.5	2.8	1.6	1.3	94.3	95.9	92.7
Chile	798	12.3	70.6	2.8	2.9	6.2	5.2	85.7	87.3	84.3
Chinese Taipei	615	4.0	76.7	8.9	6.2	4.0	0.2	89.5	90.8	88.4
Croatia	659	12.6	74.3	5.5	4.7	1.7	1.2	92.4	93.4	91.4
Czech Republic	660	6.8	81.2	1.9	5.7	2.8	1.5	90.0	91.7	88.3
Denmark	566	4.5	85.2	2.3	4.2	1.8	2.1	91.9	94.3	89.6
England	486	10.6	76.7	4.7	3.5	1.8	2.8	92.0	92.1	92.0
Finland	650	2.0	93.1	1.5	2.0	0.8	0.7	96.5	96.8	96.3
Georgia	689	0.6	75.0	5.5	6.1	7.0	5.9	81.1	86.6	76.3
Germany	581	3.7	84.8	3.5	4.5	2.2	1.3	92.0	93.0	91.0
Hong Kong SAR	567	12.0	50.8	4.0	27.7	5.1	0.4	66.8	67.4	66.3
Hungary	741	7.4	80.5	2.6	4.2	2.6	2.7	90.6	91.8	89.4
Iran, Islamic Rep. of	815	1.4	62.5	7.1	12.6	9.6	6.9	70.9	71.7	70.1
Ireland	645	5.5	80.4	3.2	6.2	4.1	0.6	89.1	90.0	88.1
Italy	600	1.3	80.1	7.6	4.5	5.1	1.4	89.1	90.4	87.8
Japan	629	3.5	68.5	9.6	14.6	2.7	1.1	81.6	83.0	80.2
Kazakhstan	622	16.6	46.1	10.6	10.5	11.1	5.0	73.3	72.6	74.1
Korea, Rep. of	619	3.2	62.1	30.4	3.0	1.2	0.0	95.8	96.3	95.2
Kuwait	586	0.9	16.9	2.3	32.4	40.2	7.3	20.1	24.0	15.5
Lithuania	663	3.0	61.2	16.6	16.2	2.7	0.3	80.8	83.1	78.8
Malta	509	7.9	57.6	6.1	18.3	8.8	1.4	71.5	74.3	69.0
Morocco	1125	0.7	12.1	1.4	28.3	47.1	10.4	14.1	18.3	10.5
Netherlands	464	5.9	83.6	2.4	5.7	1.0	1.4	91.9	94.2	89.7
New Zealand	794	18.6	70.5	2.0	3.6	3.7	1.5	91.2	94.0	88.3
Northern Ireland	516	13.7	77.4	2.7	4.6	1.4	0.4	93.7	95.4	91.9
Norway	442	1.9	83.2	2.1	5.4	2.9	4.6	87.1	91.9	82.6
Oman	1495	1.3	28.5	11.9	30.6	21.0	6.7	41.7	47.9	35.5
Poland	732	1.3	72.7	7.2	7.4	6.6	4.8	81.2	86.2	76.2
Portugal	574	10.2	79.4	1.9	2.4	3.8	2.3	91.6	91.2	91.9
Qatar	591	1.8	33.9	7.2	41.1	13.8	2.2	42.9	45.5	40.8
Romania	653	6.9	64.4	7.0	8.9	7.0	5.7	78.3	78.7	78.0
Russian Federation	642	0.4	82.2	7.5	5.1	3.4	1.4	90.1	91.4	88.8
Saudi Arabia	672	0.5	42.8	5.8	35.8	11.2	4.0	49.1	55.6	41.8
Serbia	625	2.3	73.4	12.5	2.9	3.6	5.3	88.2	89.3	87.2
Singapore	903	6.0	82.8	5.1	5.3	0.7	0.1	93.9	95.6	92.1
Slovak Republic	795	2.4	77.1	4.4	11.2	3.4	1.5	83.9	85.9	81.8
Slovenia	641	3.6	81.0	5.0	4.7	4.4	1.3	89.5	93.1	85.9
Spain	585	3.3	81.1	4.5	5.9	3.4	1.7	89.0	88.0	89.8
Sweden	643	2.7	78.7	5.7	7.7	3.1	2.0	87.1	89.2	85.5
Thailand	627	5.4	56.9	14.5	11.1	10.9	1.2	76.8	82.1	71.3
Tunisia	703	3.1	39.9	6.4	24.3	14.8	11.5	49.4	58.2	42.7
Turkey	1083	2.7	62.8	5.8	19.0	7.4	2.3	71.3	77.0	66.4
United Arab Emirates	2069	3.8	46.9	8.0	23.2	14.5	3.5	58.7	62.9	54.5
United States	1801	8.3	79.9	3.8	3.3	2.2	2.5	92.0	93.2	90.7
Yemen	1154	0.2	6.4	1.0	40.7	44.1	7.7	7.5	8.5	6.8
International Avg. (50)	37260	5.7	65.1	6.0	11.6	8.4	3.3	76.8	79.2	74.4
Botswana (6)	598	6.4	22.6	3.6	60.2	5.0	2.2	32.6	34.1	31.0
Honduras (6)	557	10.7	58.2	8.5	5.5	11.8	5.4	77.3	79.5	75.4
Yemen (6)	689	0.4	19.2	2.1	47.5	27.2	3.6	21.7	29.1	16.3
Alberta, Canada	519	5.7	81.1	6.7	2.7	2.0	1.9	93.4	94.8	92.1
Ontario, Canada	637	7.0	77.6	5.8	4.8	2.4	2.5	90.3	90.8	89.9
Quebec, Canada	615	9.2	80.0	3.0	3.1	2.7	2.1	92.1	94.9	89.0
Abu Dhabi, UAE	587	3.6	42.4	8.8	26.8	14.0	4.4	54.8	60.1	49.6
Dubai, UAE	868	5.4	58.4	8.1	14.6	11.2	2.2	72.0	76.4	67.9
Florida, US	364	16.0	69.8	3.5	4.5	1.7	4.5	89.4	91.5	86.9
North Carolina, US	247	6.1	82.5	2.8	3.6	0.9	4.2	91.4	91.1	91.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_12 (S041068): Physical Science / Reasoning
Label: Source of energy for electricity - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	723	21.1	4.4	13.9	48.4	12.2	25.6	28.0	23.4
Australia	870	33.3	5.1	46.8	11.9	2.8	38.4	39.0	37.9
Austria	661	51.1	10.5	20.3	16.4	1.6	61.7	51.8	71.6
Azerbaijan	697	35.9	2.0	13.9	39.2	9.1	37.9	36.4	39.3
Bahrain	588	20.7	4.9	54.0	14.2	6.2	25.6	22.5	28.6
Belgium (Flemish)	692	30.9	18.3	44.2	5.3	1.4	49.2	44.5	53.9
Chile	798	27.3	3.7	41.8	21.0	6.2	30.9	25.9	35.4
Chinese Taipei	615	57.8	11.8	22.2	7.9	0.4	69.6	67.2	71.6
Croatia	659	28.1	6.8	39.3	24.3	1.5	34.9	28.6	40.7
Czech Republic	660	32.9	9.1	41.1	15.3	1.7	42.0	33.1	50.6
Denmark	566	24.3	13.2	44.3	15.7	2.4	37.5	31.9	43.1
England	486	24.4	6.7	51.6	13.5	3.9	31.0	30.0	32.0
Finland	650	57.5	9.6	23.1	8.8	0.9	67.1	58.5	75.8
Georgia	689	21.6	1.6	31.8	38.0	6.9	23.2	23.2	23.2
Germany	581	44.8	14.6	24.2	14.4	2.0	59.3	52.2	66.7
Hong Kong SAR	567	59.8	3.1	29.5	7.1	0.5	62.9	60.3	65.2
Hungary	741	33.6	8.1	33.2	22.2	2.9	41.8	36.5	46.5
Iran, Islamic Rep. of	815	36.9	7.8	28.7	17.4	9.2	44.8	42.2	47.4
Ireland	645	42.6	9.1	35.9	10.4	1.9	51.8	53.6	49.8
Italy	600	47.0	8.6	24.6	18.5	1.4	55.5	52.9	58.1
Japan	629	29.6	6.0	53.6	9.8	1.1	35.5	33.2	37.8
Kazakhstan	621	31.6	4.9	34.3	23.5	5.7	36.6	31.2	42.1
Korea, Rep. of	619	42.3	7.8	40.7	9.2	0.0	50.1	45.8	54.4
Kuwait	584	6.4	2.4	43.0	38.0	10.3	8.8	9.9	7.5
Lithuania	663	43.2	5.2	33.4	17.3	0.8	48.4	43.5	53.0
Malta	509	15.1	4.5	51.5	26.9	2.0	19.6	14.2	24.5
Morocco	1125	4.8	3.3	29.5	50.2	12.1	8.1	8.2	8.1
Netherlands	464	36.3	16.1	40.4	5.6	1.6	52.5	46.2	59.8
New Zealand	794	38.2	7.9	43.6	7.7	2.6	46.1	42.3	49.9
Northern Ireland	516	39.6	8.0	43.7	7.9	0.9	47.6	44.8	50.4
Norway	442	35.2	4.4	38.7	16.7	5.0	39.6	39.5	39.6
Oman	1495	21.1	9.5	33.9	28.0	7.6	30.6	34.0	27.2
Poland	732	19.7	6.2	36.9	32.3	4.9	25.8	23.3	28.3
Portugal	574	40.8	12.2	29.9	14.2	3.0	52.9	50.1	55.5
Qatar	591	18.8	2.5	55.8	19.3	3.6	21.3	21.0	21.6
Romania	653	40.1	7.9	28.4	17.2	6.4	48.0	44.3	51.0
Russian Federation	642	41.6	2.6	36.1	18.0	1.7	44.2	38.2	49.8
Saudi Arabia	672	21.7	5.3	53.7	14.7	4.6	27.1	28.3	25.6
Serbia	625	55.9	2.5	17.7	17.7	6.3	58.4	54.7	62.0
Singapore	903	54.9	8.0	35.0	1.8	0.2	63.0	65.9	60.1
Slovak Republic	795	48.1	7.2	24.2	18.9	1.7	55.3	51.0	59.9
Slovenia	641	33.8	11.9	25.9	26.4	2.0	45.7	40.8	50.7
Spain	585	34.2	4.3	41.7	16.9	2.9	38.5	34.6	42.0
Sweden	643	39.1	10.8	25.6	21.3	3.3	49.9	46.0	52.9
Thailand	627	34.4	10.3	39.5	13.8	2.1	44.7	48.7	40.5
Tunisia	703	19.7	4.1	40.6	22.2	13.4	23.8	31.3	18.1
Turkey	1083	33.6	7.8	39.7	15.9	3.1	41.3	37.9	44.3
United Arab Emirates	2069	24.6	3.5	44.7	22.5	4.7	28.1	28.5	27.6
United States	1801	35.9	8.9	48.8	2.8	3.7	44.8	46.4	43.0
Yemen	1154	6.8	1.3	34.0	47.5	10.4	8.1	10.3	6.6
International Avg. (50)	37257	33.6	7.1	36.2	19.1	4.1	40.7	38.2	43.1
Botswana (6)	598	23.0	1.7	68.9	3.5	3.0	24.7	27.1	22.1
Honduras (6)	557	25.3	5.0	40.7	22.5	6.5	30.3	29.4	31.1
Yemen (6)	689	16.3	5.4	49.4	24.4	4.6	21.6	23.3	20.4
Alberta, Canada	519	45.5	7.8	40.0	3.8	2.8	53.3	50.4	56.2
Ontario, Canada	637	41.5	5.8	42.6	6.1	4.0	47.2	43.4	51.2
Quebec, Canada	615	38.0	7.7	40.8	10.7	2.7	45.7	43.9	47.8
Abu Dhabi, UAE	587	20.1	3.8	50.0	20.2	6.0	23.9	24.9	22.9
Dubai, UAE	868	31.2	2.7	41.6	21.2	3.4	33.9	33.0	34.7
Florida, US	364	41.9	7.3	43.0	2.5	5.2	49.2	45.5	53.3
North Carolina, US	247	24.5	14.9	53.7	2.3	4.6	39.4	37.1	41.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S13_13 (S041303): Physical Science / Knowing

Label: New substances with new properties - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	660	46.9	46.9	14.3	8.0	16.7	1.1	13.1	46.3	47.4
Australia	870	42.8	42.8	14.1	15.9	21.4	2.6	3.4	42.6	42.9
Austria	661	46.8	46.8	18.8	13.8	11.6	5.8	3.2	45.9	47.7
Azerbaijan	697	49.9	49.9	7.4	8.2	16.2	6.6	11.7	49.8	50.0
Bahrain	588	42.9	42.9	15.4	13.9	19.0	2.6	6.2	42.9	42.9
Belgium (Flemish)	692	26.1	26.1	14.6	15.3	40.5	1.8	1.7	24.9	27.4
Chile	798	41.9	41.9	12.6	18.7	17.3	2.0	7.4	41.3	42.5
Chinese Taipei	615	66.1	66.1	12.0	11.4	9.2	0.7	0.6	67.2	65.0
Croatia	659	57.9	57.9	9.4	15.9	11.1	3.0	2.6	58.1	57.8
Czech Republic	660	59.0	59.0	10.6	11.8	11.8	4.9	2.0	58.8	59.2
Denmark	566	55.7	55.7	10.4	11.6	14.4	3.5	4.6	53.7	57.6
England	486	41.3	41.3	15.0	15.9	19.6	2.4	5.8	41.6	41.0
Finland	650	73.7	73.7	5.3	8.7	10.1	1.2	1.0	73.0	74.4
Georgia	689	42.0	42.0	16.5	13.8	16.2	2.7	8.9	41.2	42.7
Germany	581	56.1	56.1	8.7	13.2	15.0	4.1	3.0	57.4	54.7
Hong Kong SAR	567	66.4	66.4	10.0	9.5	12.7	0.7	0.7	66.7	66.2
Hungary	741	62.1	62.1	7.7	8.7	15.4	1.3	4.7	59.9	64.0
Iran, Islamic Rep. of	815	35.9	35.9	11.4	16.2	24.5	2.2	9.7	32.4	39.6
Ireland	645	39.4	39.4	13.0	20.4	20.9	4.2	2.2	36.9	42.1
Italy	600	68.0	68.0	7.0	9.7	11.2	2.3	1.8	68.5	67.6
Japan	629	42.2	42.2	12.3	14.9	28.2	1.0	1.4	40.3	44.0
Kazakhstan	622	46.0	46.0	9.0	17.1	20.5	1.4	5.9	42.1	50.2
Korea, Rep. of	619	57.3	57.3	9.1	12.3	20.4	0.7	0.2	53.8	60.7
Kuwait	572	30.8	30.8	19.3	18.4	16.7	5.1	9.7	28.4	33.5
Lithuania	663	50.8	50.8	13.8	11.0	17.9	3.9	2.6	49.4	52.0
Malta	509	36.2	36.2	16.9	19.9	19.9	2.8	4.4	34.5	37.7
Morocco	1056	29.3	29.3	18.6	23.3	15.3	1.5	12.0	31.9	27.1
Netherlands	464	29.4	29.4	19.5	15.6	31.2	2.5	1.8	29.3	29.8
New Zealand	794	42.4	42.4	10.3	21.3	21.9	1.0	3.1	44.1	40.7
Northern Ireland	516	39.3	39.3	13.1	18.0	25.8	2.5	1.3	37.6	41.0
Norway	442	54.0	54.0	8.5	14.0	14.9	3.2	5.4	55.0	53.1
Oman	1495	34.7	34.7	16.3	17.2	21.2	2.6	8.0	36.9	32.4
Poland	732	55.5	55.5	10.1	13.4	11.3	3.7	6.0	54.3	56.6
Portugal	574	51.6	51.6	7.5	14.0	18.0	4.9	4.1	51.0	52.1
Qatar	591	30.6	30.6	17.9	17.1	28.5	1.9	4.1	31.6	29.8
Romania	654	54.5	54.5	9.9	13.8	11.3	3.6	6.9	51.7	56.7
Russian Federation	642	67.1	67.1	6.8	8.9	12.9	2.0	2.3	68.9	65.5
Saudi Arabia	672	47.8	47.8	13.9	16.8	15.5	1.2	4.7	55.5	39.2
Serbia	625	53.9	53.9	12.8	8.3	15.6	2.3	7.1	49.1	58.7
Singapore	903	53.6	53.6	11.6	12.8	21.3	0.4	0.3	52.2	54.9
Slovak Republic	795	61.2	61.2	9.0	10.8	14.0	2.4	2.7	59.0	63.6
Slovenia	640	57.1	57.1	13.7	11.1	11.7	2.7	3.6	58.0	56.3
Spain	585	55.9	55.9	10.4	11.1	15.0	3.4	4.1	54.9	56.9
Sweden	643	52.2	52.2	8.7	13.2	17.1	4.5	4.3	56.0	49.2
Thailand	627	51.4	51.4	16.2	16.6	12.2	1.3	2.3	57.3	45.2
Tunisia	686	30.9	30.9	12.8	18.7	16.1	6.8	14.6	35.3	27.5
Turkey	1083	38.3	38.3	17.9	14.0	25.3	0.6	3.9	33.7	42.4
United Arab Emirates	2069	38.7	38.7	13.6	17.5	23.2	1.5	5.5	40.4	36.9
United States	1801	40.5	40.5	13.5	18.3	21.8	1.8	4.1	40.0	40.9
Yemen	1154	21.7	21.7	19.8	25.0	18.9	3.7	10.8	23.6	20.4
International Avg. (50)	37097	47.5	47.5	12.5	14.5	18.0	2.7	4.8	47.3	47.8
Botswana (6)	598	33.0	33.0	14.0	23.5	25.4	0.9	3.3	37.8	27.8
Honduras (6)	557	41.4	41.4	10.5	22.7	16.5	1.7	7.2	40.4	42.3
Yemen (6)	689	40.3	40.3	14.8	21.4	16.0	2.3	5.1	43.4	38.1
Alberta, Canada	519	37.3	37.3	10.0	16.6	30.2	2.2	3.7	37.9	36.6
Ontario, Canada	637	38.6	38.6	11.6	17.4	25.0	2.7	4.8	35.6	41.6
Quebec, Canada	615	52.0	52.0	7.5	14.3	20.6	1.9	3.7	51.8	52.1
Abu Dhabi, UAE	587	38.6	38.6	12.6	17.7	22.4	1.6	7.1	43.2	33.9
Dubai, UAE	868	39.2	39.2	14.2	15.7	25.0	1.6	4.4	38.7	39.5
Florida, US	364	43.5	43.5	12.0	18.1	20.2	0.7	5.4	46.6	40.1
North Carolina, US	247	40.8	40.8	9.7	21.6	20.4	2.0	5.5	42.9	38.9

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S14_01 (S051054): Life Science / Knowing
Label: New kind of mammal discovered - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	692	55.6	55.6	7.8	27.3	6.4	2.6	0.2	53.1	58.2
Australia	881	74.2	74.2	6.6	9.6	8.0	1.4	0.1	76.8	71.8
Austria	658	88.7	88.7	3.4	5.9	1.5	0.5	0.0	87.3	90.0
Azerbaijan	699	56.2	56.2	7.6	21.3	8.2	5.9	0.7	51.8	59.8
Bahrain	587	53.6	53.6	8.7	20.6	15.0	2.0	0.0	53.7	53.5
Belgium (Flemish)	690	84.4	84.4	6.6	5.1	3.0	0.9	0.0	84.0	84.9
Chile	800	81.6	81.6	4.1	9.0	3.9	0.5	0.9	78.8	84.7
Chinese Taipei	605	55.1	55.1	5.6	35.4	3.6	0.3	0.0	50.6	59.1
Croatia	664	87.5	87.5	5.8	4.8	0.9	0.9	0.0	86.8	88.2
Czech Republic	659	86.2	86.2	5.2	6.8	0.6	1.2	0.0	87.7	84.8
Denmark	573	73.8	73.8	12.9	4.9	6.9	1.4	0.0	78.8	68.4
England	472	74.1	74.1	6.6	10.4	8.2	0.2	0.5	71.8	76.2
Finland	660	90.9	90.9	4.7	2.3	1.4	0.5	0.1	91.4	90.5
Georgia	668	62.6	62.6	7.8	21.3	6.7	1.3	0.3	59.8	65.5
Germany	567	86.6	86.6	4.2	5.6	2.1	1.4	0.0	85.9	87.3
Hong Kong SAR	566	72.2	72.2	8.0	15.7	3.6	0.5	0.0	72.7	71.8
Hungary	737	78.9	78.9	6.5	9.8	4.3	0.2	0.3	80.4	77.6
Iran, Islamic Rep. of	815	41.4	41.4	10.3	30.0	16.3	1.6	0.4	36.5	46.2
Ireland	654	75.3	75.3	5.6	11.4	6.5	1.3	0.0	77.3	73.2
Italy	604	88.2	88.2	2.1	5.8	3.3	0.6	0.0	90.8	85.5
Japan	629	81.2	81.2	5.3	10.6	2.3	0.5	0.2	80.2	82.1
Kazakhstan	618	54.2	54.2	5.5	23.2	15.8	1.0	0.2	52.9	55.5
Korea, Rep. of	619	84.4	84.4	4.6	9.1	1.4	0.4	0.0	86.9	82.0
Kuwait	575	32.6	32.6	16.7	26.3	17.0	6.9	0.5	33.7	31.3
Lithuania	667	83.6	83.6	5.3	8.3	1.7	0.5	0.6	88.3	79.4
Malta	519	63.7	63.7	9.8	17.9	7.6	1.0	0.0	65.6	62.0
Morocco	1033	35.5	35.5	23.1	28.0	11.9	1.4	0.0	43.1	28.4
Netherlands	458	83.9	83.9	9.0	5.4	1.3	0.4	0.0	85.9	81.6
New Zealand	795	66.8	66.8	7.2	16.2	8.7	1.0	0.1	67.6	66.0
Northern Ireland	516	74.1	74.1	7.9	12.5	5.4	0.2	0.0	77.6	70.2
Norway	450	81.7	81.7	5.7	9.6	2.2	0.6	0.2	82.8	80.5
Oman	1488	36.7	36.7	17.5	25.5	17.5	2.3	0.4	35.6	37.8
Poland	724	83.8	83.8	5.2	8.1	2.0	0.9	0.0	85.7	81.9
Portugal	579	78.9	78.9	2.2	10.8	5.1	2.6	0.5	78.8	79.0
Qatar	595	43.8	43.8	15.6	28.2	11.2	0.9	0.3	46.6	41.5
Romania	665	66.4	66.4	5.4	16.9	8.5	2.8	0.0	63.4	69.0
Russian Federation	632	89.5	89.5	3.3	3.8	2.8	0.6	0.0	92.7	86.5
Saudi Arabia	662	50.7	50.7	9.9	24.7	13.5	1.2	0.0	52.5	48.8
Serbia	629	85.7	85.7	6.7	6.0	0.5	1.1	0.0	82.4	88.8
Singapore	906	81.9	81.9	3.0	9.7	4.9	0.4	0.0	83.5	80.3
Slovak Republic	813	87.1	87.1	3.4	6.5	1.4	1.6	0.0	86.6	87.7
Slovenia	647	87.9	87.9	3.1	6.6	1.5	0.9	0.0	89.3	86.8
Spain	580	80.7	80.7	4.6	10.1	4.1	0.5	0.0	76.5	84.2
Sweden	654	86.4	86.4	6.8	3.1	1.3	1.8	0.6	86.0	86.7
Thailand	624	37.5	37.5	8.1	36.8	17.3	0.3	0.0	34.6	40.6
Tunisia	703	34.3	34.3	17.2	27.7	14.9	5.6	0.3	36.6	32.2
Turkey	1077	56.8	56.8	7.4	23.3	11.2	1.0	0.3	53.6	59.4
United Arab Emirates	2080	45.8	45.8	9.7	27.5	15.2	1.3	0.5	47.2	44.3
United States	1813	79.3	79.3	5.9	9.2	5.0	0.5	0.0	77.2	81.6
Yemen	1147	21.6	21.6	20.1	36.7	14.4	6.0	1.2	24.1	20.0
International Avg. (50)	37148	68.9	68.9	7.7	15.0	6.8	1.4	0.2	69.1	68.7
Botswana (6)	596	39.6	39.6	14.2	27.8	18.1	0.3	0.0	38.0	41.5
Honduras (6)	548	80.6	80.6	3.5	10.3	3.5	1.2	1.0	82.6	78.7
Yemen (6)	696	34.1	34.1	19.4	27.5	16.0	2.1	0.9	34.0	34.2
Alberta, Canada	526	82.2	82.2	3.3	6.7	6.9	0.8	0.0	81.4	83.2
Ontario, Canada	639	77.0	77.0	4.0	11.1	6.1	1.6	0.3	76.2	77.7
Quebec, Canada	600	83.5	83.5	4.4	7.2	4.4	0.5	0.0	85.2	81.6
Abu Dhabi, UAE	582	41.5	41.5	9.9	29.9	17.0	0.9	0.8	42.0	40.9
Dubai, UAE	881	55.4	55.4	6.4	24.7	11.2	1.9	0.4	57.7	53.5
Florida, US	366	80.6	80.6	4.5	9.0	5.2	0.7	0.0	76.2	85.1
North Carolina, US	251	82.2	82.2	5.0	5.8	5.1	1.1	0.7	81.7	82.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S14_02 (S051024): Life Science / Applying

Label: Cover your mouth though not sick -- Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	725	14.4	76.9	6.5	2.1	14.4	18.4	10.6
Australia	881	51.6	46.3	2.0	0.1	51.6	60.7	43.0
Austria	658	42.1	55.6	2.3	0.0	42.1	44.6	39.6
Azerbaijan	699	7.0	83.8	8.4	0.7	7.0	5.2	8.6
Bahrain	587	35.0	63.4	1.6	0.0	35.0	38.7	31.3
Belgium (Flemish)	690	40.4	59.0	0.6	0.0	40.4	41.4	39.4
Chile	800	40.3	57.3	1.4	1.1	40.3	44.0	36.2
Chinese Taipei	605	31.9	67.9	0.2	0.0	31.9	31.8	32.1
Croatia	664	23.3	76.6	0.1	0.0	23.3	26.5	19.8
Czech Republic	659	32.1	65.5	2.3	0.0	32.1	34.2	30.1
Denmark	573	51.2	48.3	0.4	0.0	51.2	60.0	41.7
England	472	64.6	33.7	1.2	0.5	64.6	67.3	62.1
Finland	660	49.8	49.3	0.8	0.1	49.8	53.1	46.3
Georgia	668	19.1	79.2	1.3	0.3	19.1	21.5	16.7
Germany	567	37.7	60.0	2.3	0.0	37.7	39.8	35.7
Hong Kong SAR	566	38.9	61.0	0.1	0.0	38.9	42.0	36.3
Hungary	737	39.3	59.9	0.6	0.3	39.3	41.0	37.6
Iran, Islamic Rep. of	815	20.4	77.2	1.9	0.4	20.4	25.5	15.3
Ireland	654	52.9	45.8	1.3	0.0	52.9	62.1	43.2
Italy	604	34.9	64.4	0.7	0.0	34.9	35.9	33.9
Japan	629	50.8	48.7	0.3	0.2	50.8	53.3	48.3
Kazakhstan	618	38.3	50.7	10.7	0.2	38.3	42.2	34.3
Korea, Rep. of	619	25.7	73.5	0.8	0.0	25.7	26.7	24.7
Kuwait	583	13.2	80.6	5.3	0.9	13.2	18.2	7.8
Lithuania	667	30.3	68.2	0.9	0.6	30.3	41.8	20.1
Malta	519	41.6	56.5	1.9	0.0	41.6	46.9	36.7
Morocco	1108	1.0	92.7	5.9	0.4	1.0	1.1	1.0
Netherlands	458	41.8	57.2	1.1	0.0	41.8	43.5	39.9
New Zealand	795	46.2	51.9	1.8	0.1	46.2	52.1	40.7
Northern Ireland	516	51.7	47.5	0.8	0.0	51.7	60.2	42.3
Norway	450	34.7	63.6	1.5	0.2	34.7	37.8	31.5
Oman	1488	10.1	87.3	2.0	0.5	10.1	12.1	8.1
Poland	724	38.1	61.5	0.3	0.0	38.1	43.9	32.5
Portugal	579	32.0	65.1	2.3	0.5	32.0	37.6	27.0
Qatar	594	22.8	76.5	0.4	0.3	22.8	29.7	17.0
Romania	665	32.9	64.6	2.5	0.0	32.9	38.9	27.5
Russian Federation	632	42.3	56.6	1.1	0.0	42.3	48.7	36.3
Saudi Arabia	663	22.4	76.2	1.4	0.0	22.4	24.8	19.7
Serbia	629	31.8	66.9	1.4	0.0	31.8	30.6	32.9
Singapore	906	68.3	31.2	0.6	0.0	68.3	71.2	65.1
Slovak Republic	813	31.6	67.4	1.0	0.0	31.6	31.8	31.4
Slovenia	649	51.3	48.0	0.7	0.0	51.3	54.2	49.1
Spain	580	35.0	63.5	1.4	0.0	35.0	39.5	31.2
Sweden	654	49.9	48.8	0.7	0.6	49.9	55.6	45.1
Thailand	624	33.1	66.1	0.7	0.0	33.1	40.0	25.9
Tunisia	711	14.7	82.3	2.7	0.3	14.7	19.9	10.0
Turkey	1077	27.9	70.4	1.3	0.4	27.9	30.7	25.6
United Arab Emirates	2080	23.4	74.3	1.7	0.5	23.4	27.8	19.0
United States	1813	52.7	46.2	1.1	0.0	52.7	56.5	48.4
Yemen	1147	1.3	91.3	6.0	1.3	1.3	2.0	0.9
International Avg. (50)	37274	34.5	63.3	1.9	0.3	34.5	38.3	30.8
Botswana (6)	596	18.3	81.1	0.7	0.0	18.3	21.6	14.5
Honduras (6)	548	8.9	88.4	1.7	1.0	8.9	10.0	7.7
Yemen (6)	696	4.7	92.4	2.1	0.9	4.7	6.2	3.6
Alberta, Canada	526	50.9	46.7	2.4	0.0	50.9	52.0	49.7
Ontario, Canada	639	51.6	47.0	1.2	0.3	51.6	51.9	51.3
Quebec, Canada	600	60.7	38.1	1.1	0.0	60.7	65.1	56.1
Abu Dhabi, UAE	582	21.7	75.8	1.6	0.9	21.7	28.4	15.3
Dubai, UAE	881	33.1	65.3	1.1	0.4	33.1	35.5	31.1
Florida, US	366	57.0	41.2	1.8	0.0	57.0	62.0	51.9
North Carolina, US	251	58.7	39.7	0.9	0.7	58.7	61.7	56.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S14_03A (S051132A): Life Science / Reasoning
Label: Hamad's Garden: Which survive - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	725	7.0	9.4	80.5	3.2	7.0	8.7	5.4
Australia	881	29.0	45.8	25.1	0.1	29.0	31.5	26.6
Austria	658	20.0	40.7	39.3	0.0	20.0	21.8	18.3
Azerbaijan	699	4.2	12.6	82.2	1.0	4.2	4.1	4.2
Bahrain	587	9.4	39.0	51.5	0.0	9.4	12.3	6.5
Belgium (Flemish)	690	19.2	55.6	25.2	0.0	19.2	19.7	18.6
Chile	800	11.1	63.1	24.7	1.1	11.1	12.5	9.5
Chinese Taipei	605	19.0	64.3	16.7	0.0	19.0	20.0	18.1
Croatia	664	19.5	53.4	27.2	0.0	19.5	21.7	17.1
Czech Republic	659	27.9	38.1	33.9	0.0	27.9	28.2	27.7
Denmark	573	26.4	51.5	22.0	0.1	26.4	32.7	19.6
England	472	26.5	46.0	27.0	0.5	26.5	28.9	24.4
Finland	660	33.0	42.0	24.9	0.1	33.0	33.5	32.5
Georgia	671	8.1	18.3	73.3	0.3	8.1	10.3	5.8
Germany	567	18.0	49.4	32.7	0.0	18.0	20.3	15.8
Hong Kong SAR	566	21.3	62.8	15.9	0.0	21.3	22.6	20.2
Hungary	737	24.3	48.5	26.9	0.3	24.3	30.7	18.3
Iran, Islamic Rep. of	815	16.6	34.4	48.5	0.4	16.6	16.9	16.4
Ireland	654	33.3	37.8	28.9	0.0	33.3	38.4	28.0
Italy	603	19.6	43.0	37.4	0.0	19.6	20.2	18.9
Japan	629	21.3	66.7	11.7	0.2	21.3	22.1	20.6
Kazakhstan	618	19.6	28.4	51.7	0.2	19.6	20.8	18.5
Korea, Rep. of	619	50.8	44.3	5.0	0.0	50.8	52.8	48.8
Kuwait	583	2.5	33.2	63.3	1.0	2.5	3.8	1.0
Lithuania	667	19.8	47.8	31.9	0.6	19.8	23.9	16.1
Malta	519	22.1	47.8	30.2	0.0	22.1	28.8	15.9
Morocco	1113	1.0	17.3	81.0	0.7	1.0	1.5	0.5
Netherlands	458	14.0	71.4	14.4	0.2	14.0	16.4	10.8
New Zealand	795	20.7	49.3	29.8	0.1	20.7	24.0	17.7
Northern Ireland	516	31.8	48.4	19.7	0.0	31.8	38.8	24.0
Norway	450	6.7	41.4	51.6	0.2	6.7	8.6	4.9
Oman	1488	2.5	43.1	53.8	0.5	2.5	2.9	2.1
Poland	724	19.3	31.4	49.3	0.0	19.3	22.4	16.2
Portugal	579	27.1	50.3	22.1	0.5	27.1	34.3	20.8
Qatar	595	8.4	44.8	46.5	0.3	8.4	11.4	5.8
Romania	665	27.9	38.4	33.7	0.0	27.9	29.4	26.6
Russian Federation	632	29.6	36.5	33.9	0.0	29.6	34.0	25.5
Saudi Arabia	663	4.7	32.2	63.1	0.0	4.7	6.3	2.9
Serbia	631	20.4	55.6	24.0	0.0	20.4	21.8	19.1
Singapore	906	39.8	56.2	4.0	0.0	39.8	44.0	35.4
Slovak Republic	813	17.8	47.3	34.8	0.0	17.8	18.6	17.0
Slovenia	649	19.0	46.1	34.8	0.1	19.0	22.0	16.6
Spain	580	13.2	65.7	21.1	0.0	13.2	15.4	11.3
Sweden	654	34.2	42.0	23.2	0.6	34.2	36.3	32.4
Thailand	624	8.3	39.4	52.3	0.0	8.3	11.1	5.4
Tunisia	711	5.0	42.5	51.7	0.8	5.0	6.2	3.9
Turkey	1077	18.1	46.1	35.4	0.4	18.1	19.3	17.1
United Arab Emirates	2080	11.2	39.5	48.7	0.6	11.2	14.3	8.0
United States	1813	32.3	53.6	14.1	0.0	32.3	35.5	28.8
Yemen	1147	0.0	20.5	78.0	1.5	0.0	0.0	0.0
International Avg. (50)	37284	18.9	43.7	37.2	0.3	18.9	21.2	16.5
Botswana (6)	596	6.8	67.1	26.2	0.0	6.8	8.4	4.9
Honduras (6)	548	4.5	51.9	42.6	1.0	4.5	4.0	5.0
Yemen (6)	694	0.8	34.6	63.7	0.9	0.8	1.5	0.4
Alberta, Canada	526	26.9	57.5	15.7	0.0	26.9	28.9	24.8
Ontario, Canada	639	31.0	54.0	14.7	0.3	31.0	30.0	31.9
Quebec, Canada	600	10.3	65.3	24.3	0.0	10.3	11.7	8.9
Abu Dhabi, UAE	582	11.0	36.9	51.2	0.9	11.0	13.6	8.4
Dubai, UAE	881	15.2	47.5	36.9	0.5	15.2	19.8	11.1
Florida, US	366	34.2	47.1	18.7	0.0	34.2	34.4	33.9
North Carolina, US	251	37.6	46.8	14.9	0.7	37.6	41.2	34.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S14_03B (S051132B): Life Science / Applying
Label: Hamad's Garden: Plant structure - Points: 1

COUNTRY	N	10 %	11 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	725	3.4	12.1	76.3	4.1	4.1	15.4	18.7	12.3
Australia	881	7.9	11.4	78.0	2.4	0.2	19.3	20.7	18.0
Austria	658	13.1	6.9	78.7	1.2	0.0	20.1	19.8	20.4
Azerbaijan	699	5.5	3.0	74.9	14.7	1.9	8.5	7.2	9.5
Bahrain	587	12.5	14.6	71.3	1.2	0.4	27.0	30.0	24.1
Belgium (Flemish)	690	5.4	5.5	88.6	0.4	0.1	10.9	9.4	12.5
Chile	800	7.2	12.3	76.3	2.8	1.4	19.5	16.3	23.1
Chinese Taipei	605	10.6	11.5	77.8	0.0	0.0	22.2	20.9	23.3
Croatia	664	7.3	14.6	77.5	0.5	0.0	21.9	22.9	20.9
Czech Republic	659	22.9	5.4	66.5	5.1	0.0	28.3	29.0	27.7
Denmark	573	14.4	9.7	73.8	1.9	0.1	24.2	24.4	23.8
England	472	9.4	12.3	77.0	0.9	0.5	21.7	22.9	20.6
Finland	660	11.5	14.9	73.3	0.2	0.1	26.4	22.7	30.2
Georgia	671	17.2	10.4	68.8	2.9	0.7	27.7	30.4	24.9
Germany	567	11.7	11.2	75.2	1.9	0.0	22.9	21.4	24.4
Hong Kong SAR	566	7.7	13.0	78.0	1.3	0.0	20.7	19.0	22.1
Hungary	737	7.1	16.7	75.1	0.4	0.6	23.8	20.0	27.4
Iran, Islamic Rep. of	815	2.9	11.6	83.6	1.2	0.7	14.5	14.1	14.8
Ireland	654	5.3	10.8	81.9	1.8	0.2	16.1	14.7	17.6
Italy	604	17.0	16.3	66.3	0.4	0.0	33.3	31.7	34.9
Japan	629	6.7	12.1	79.3	1.7	0.2	18.8	19.3	18.2
Kazakhstan	618	28.5	17.2	41.4	12.6	0.3	45.6	46.0	45.2
Korea, Rep. of	619	58.8	17.9	22.6	0.4	0.2	76.8	75.6	78.0
Kuwait	583	1.2	0.7	93.4	3.6	1.2	1.9	2.1	1.6
Lithuania	667	12.1	5.8	80.2	1.3	0.6	17.9	17.9	18.0
Malta	519	5.9	11.5	78.9	3.7	0.0	17.5	18.4	16.6
Morocco	1113	0.3	0.2	92.7	5.5	1.3	0.5	0.9	0.1
Netherlands	458	2.8	7.8	88.7	0.4	0.2	10.6	6.7	14.9
New Zealand	795	4.6	12.9	81.5	0.9	0.1	17.5	15.1	19.7
Northern Ireland	516	9.5	9.3	80.6	0.6	0.0	18.8	16.3	21.6
Norway	450	5.4	8.6	85.6	0.2	0.2	14.0	11.3	16.7
Oman	1488	7.4	4.8	84.6	2.2	1.0	12.2	13.0	11.5
Poland	724	17.7	13.3	66.7	2.3	0.0	30.9	30.1	31.8
Portugal	579	7.9	15.8	74.8	1.0	0.5	23.7	25.0	22.5
Qatar	595	5.4	7.5	83.4	3.4	0.3	12.9	13.3	12.5
Romania	665	25.2	7.9	64.5	2.0	0.4	33.1	34.0	32.3
Russian Federation	632	20.4	22.1	56.9	0.6	0.0	42.5	47.2	38.1
Saudi Arabia	663	7.7	5.7	85.2	1.3	0.2	13.4	17.7	8.7
Serbia	631	29.7	8.6	59.2	2.4	0.1	38.2	34.9	41.4
Singapore	906	28.7	18.3	52.9	0.1	0.0	47.0	46.8	47.2
Slovak Republic	813	13.9	11.5	72.7	1.9	0.0	25.4	25.7	25.1
Slovenia	649	20.6	10.4	67.6	1.3	0.2	31.0	28.7	32.9
Spain	580	14.8	7.9	75.7	1.6	0.0	22.6	22.9	22.4
Sweden	654	4.2	8.7	85.5	1.0	0.6	12.9	13.4	12.5
Thailand	624	14.2	5.7	75.4	4.2	0.5	19.9	19.7	20.1
Tunisia	711	6.3	7.6	82.9	2.2	1.1	13.9	15.3	12.6
Turkey	1077	9.0	3.9	83.3	3.3	0.4	13.0	12.8	13.1
United Arab Emirates	2080	11.2	12.5	71.8	3.5	1.0	23.7	24.5	22.9
United States	1813	16.3	23.5	58.5	1.3	0.3	39.9	35.0	45.2
Yemen	1147	0.1	0.2	93.3	4.6	1.8	0.3	0.2	0.3
International Avg. (50)	37285	11.9	10.5	74.8	2.3	0.5	22.4	22.1	22.7
Botswana (6)	596	3.7	7.3	88.6	0.4	0.0	10.9	9.4	12.8
Honduras (6)	548	7.0	4.0	84.4	2.8	1.7	11.1	9.0	13.2
Yemen (6)	694	1.1	0.1	93.9	3.7	1.2	1.2	0.3	1.9
Alberta, Canada	526	9.6	10.5	78.2	1.6	0.1	20.1	17.9	22.4
Ontario, Canada	639	10.3	9.6	77.3	2.4	0.4	19.9	17.1	22.3
Quebec, Canada	600	4.6	5.8	88.5	1.0	0.0	10.4	10.5	10.3
Abu Dhabi, UAE	582	9.0	12.2	75.6	2.5	0.9	21.1	22.8	19.5
Dubai, UAE	881	12.9	13.5	69.4	3.6	0.6	26.3	26.4	26.3
Florida, US	366	18.8	27.6	52.7	0.9	0.0	46.4	46.9	45.8
North Carolina, US	251	9.0	27.1	62.8	0.5	0.7	36.1	38.5	34.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S14_04 (S051040): Life Science / Knowing
Label: Two things animals need - Points: 1

COUNTRY	N	10 %	70 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	724	39.8	18.8	16.7	20.5	4.1	39.8	43.5	35.9
Australia	881	43.6	35.0	19.9	1.3	0.2	43.6	43.4	43.8
Austria	658	31.0	45.7	20.1	3.1	0.0	31.0	29.3	32.8
Azerbaijan	699	44.3	19.9	8.9	25.0	1.9	44.3	45.6	43.2
Bahrain	587	42.8	23.7	27.8	5.4	0.4	42.8	46.4	39.2
Belgium (Flemish)	690	31.0	57.0	11.2	0.7	0.1	31.0	29.4	32.7
Chile	800	30.3	52.6	11.5	3.8	1.7	30.3	29.1	31.6
Chinese Taipei	605	25.0	51.9	18.0	5.1	0.0	25.0	21.7	28.1
Croatia	664	52.0	42.1	5.2	0.7	0.0	52.0	56.2	47.5
Czech Republic	659	47.0	32.9	16.3	3.4	0.5	47.0	47.8	46.2
Denmark	573	39.3	37.0	19.8	3.6	0.3	39.3	40.1	38.4
England	472	36.5	48.6	13.1	1.3	0.5	36.5	38.3	34.8
Finland	660	34.8	53.7	10.6	0.7	0.1	34.8	33.4	36.3
Georgia	670	67.4	15.7	8.6	7.6	0.7	67.4	73.2	61.5
Germany	567	29.5	49.7	16.6	3.9	0.2	29.5	33.5	25.7
Hong Kong SAR	566	47.9	37.4	12.1	2.5	0.0	47.9	49.5	46.6
Hungary	737	41.5	38.3	16.9	2.7	0.6	41.5	47.7	35.7
Iran, Islamic Rep. of	815	32.4	16.7	41.5	8.8	0.7	32.4	35.4	29.4
Ireland	654	32.3	42.5	23.2	1.9	0.2	32.3	32.5	32.1
Italy	604	42.7	38.1	16.9	2.3	0.0	42.7	43.1	42.2
Japan	629	36.3	50.0	12.9	0.6	0.2	36.3	33.7	38.9
Kazakhstan	618	67.9	20.0	7.0	4.6	0.5	67.9	71.1	64.6
Korea, Rep. of	619	37.3	53.0	8.4	1.1	0.2	37.3	38.5	36.1
Kuwait	580	36.0	22.4	21.1	19.4	1.2	36.0	45.4	25.6
Lithuania	667	39.1	47.2	10.9	2.2	0.6	39.1	42.5	36.0
Malta	519	29.4	29.6	34.3	6.7	0.0	29.4	29.3	29.5
Morocco	1112	10.9	10.3	43.1	34.5	1.3	10.9	12.5	9.3
Netherlands	458	30.4	55.4	12.9	1.1	0.2	30.4	29.4	31.9
New Zealand	795	35.7	33.7	28.6	1.8	0.1	35.7	36.6	34.9
Northern Ireland	516	36.9	44.7	15.9	2.5	0.0	36.9	38.9	34.8
Norway	450	41.4	43.3	13.7	1.3	0.2	41.4	42.9	39.9
Oman	1488	24.7	20.6	39.8	13.9	1.1	24.7	27.6	21.7
Poland	724	33.4	40.3	22.1	4.2	0.0	33.4	36.5	30.3
Portugal	579	46.3	41.3	8.6	3.3	0.5	46.3	45.3	47.2
Qatar	595	28.3	15.5	44.7	11.2	0.3	28.3	29.7	27.0
Romania	665	46.0	21.1	26.2	6.2	0.4	46.0	51.1	41.5
Russian Federation	632	54.7	39.5	4.7	1.1	0.0	54.7	57.3	52.3
Saudi Arabia	663	40.2	37.5	15.2	7.0	0.2	40.2	48.7	30.9
Serbia	631	65.7	25.3	7.0	1.9	0.1	65.7	69.1	62.5
Singapore	906	79.6	6.7	13.3	0.4	0.0	79.6	80.0	79.3
Slovak Republic	813	45.8	26.6	25.7	1.9	0.0	45.8	43.0	48.8
Slovenia	649	62.0	27.4	8.5	1.8	0.3	62.0	63.7	60.7
Spain	580	29.8	48.0	19.7	2.4	0.0	29.8	24.1	34.7
Sweden	654	51.6	45.0	2.0	0.7	0.6	51.6	49.3	53.6
Thailand	624	39.9	17.4	34.7	7.6	0.5	39.9	41.2	38.5
Tunisia	711	18.6	27.1	41.4	11.8	1.1	18.6	22.7	15.0
Turkey	1077	44.6	33.9	15.5	5.6	0.4	44.6	47.5	42.1
United Arab Emirates	2080	32.3	26.7	30.3	9.7	1.0	32.3	35.0	29.6
United States	1813	52.8	24.5	19.9	2.2	0.6	52.8	53.7	51.8
Yemen	1146	7.4	15.1	32.9	42.9	1.8	7.4	7.8	7.0
International Avg. (50)	37278	39.9	34.1	19.1	6.3	0.5	39.9	41.5	38.4
Botswana (6)	596	18.6	15.6	63.1	2.7	0.0	18.6	21.5	15.3
Honduras (6)	548	23.2	40.3	24.8	9.9	1.7	23.2	25.8	20.7
Yemen (6)	694	20.6	22.0	39.1	17.1	1.2	20.6	26.2	16.7
Alberta, Canada	526	47.8	31.2	19.4	1.5	0.1	47.8	50.8	44.6
Ontario, Canada	639	52.1	27.9	17.1	2.3	0.6	52.1	48.0	55.8
Quebec, Canada	599	26.7	45.1	25.6	2.6	0.0	26.7	26.0	27.5
Abu Dhabi, UAE	582	31.1	26.4	31.6	10.1	0.9	31.1	34.6	27.7
Dubai, UAE	881	36.1	24.6	30.3	8.4	0.6	36.1	37.8	34.6
Florida, US	366	58.0	22.0	19.1	1.0	0.0	58.0	57.9	58.1
North Carolina, US	251	43.3	29.6	25.4	1.0	0.7	43.3	38.9	47.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S14_05 (S051193): Life Science / Applying
Label: Celery stalk leaves turn red - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	635	40.6	15.4	40.6	12.8	24.7	6.4	0.1	39.7	41.8
Australia	881	84.3	5.4	84.3	4.2	4.9	1.0	0.2	87.7	81.1
Austria	658	79.8	10.4	79.8	5.1	2.6	2.3	0.0	77.6	81.9
Azerbaijan	699	41.3	9.3	41.3	14.4	23.1	9.5	2.3	43.9	39.2
Bahrain	587	61.0	13.1	61.0	11.5	12.7	1.0	0.7	63.5	58.5
Belgium (Flemish)	690	60.9	18.9	60.9	8.0	11.2	0.9	0.1	60.9	60.9
Chile	800	59.5	12.1	59.5	6.3	18.0	2.2	1.9	60.5	58.5
Chinese Taipei	605	76.2	13.3	76.2	2.8	7.2	0.5	0.0	71.9	80.0
Croatia	664	78.7	8.8	78.7	2.9	7.9	1.7	0.0	79.9	77.5
Czech Republic	659	67.8	18.1	67.8	5.6	5.5	2.4	0.7	76.0	59.8
Denmark	573	70.3	9.1	70.3	4.8	11.9	3.5	0.4	71.6	68.9
England	472	79.4	10.2	79.4	4.2	4.6	1.2	0.5	78.8	80.0
Finland	660	71.7	14.8	71.7	4.3	8.3	0.7	0.1	68.8	74.7
Georgia	670	38.3	22.9	38.3	11.9	22.7	3.3	0.9	37.2	39.3
Germany	567	77.7	9.7	77.7	3.8	4.6	3.7	0.5	77.4	77.9
Hong Kong SAR	566	73.7	11.5	73.7	4.4	8.4	2.0	0.0	74.9	72.7
Hungary	737	67.9	15.9	67.9	6.4	7.7	1.5	0.6	67.7	68.0
Iran, Islamic Rep. of	815	68.2	10.3	68.2	8.0	9.9	1.9	1.7	68.7	67.8
Ireland	654	80.3	9.8	80.3	3.3	5.9	0.6	0.2	80.5	80.0
Italy	604	68.8	17.5	68.8	4.3	7.7	1.3	0.4	74.3	63.3
Japan	629	67.2	18.3	67.2	3.3	10.0	1.0	0.2	68.7	65.8
Kazakhstan	618	44.0	18.8	44.0	8.3	26.0	2.2	0.7	41.6	46.6
Korea, Rep. of	619	79.4	16.4	79.4	1.1	2.5	0.4	0.2	77.8	80.9
Kuwait	578	49.8	15.3	49.8	12.8	14.5	6.0	1.6	52.8	46.4
Lithuania	667	51.3	17.7	51.3	14.8	13.2	2.3	0.7	51.7	50.9
Malta	519	64.5	11.0	64.5	9.7	13.2	1.4	0.2	65.2	63.9
Morocco	987	48.9	10.6	48.9	15.5	24.2	0.5	0.2	51.7	46.3
Netherlands	458	73.7	13.4	73.7	6.8	4.6	1.0	0.5	73.1	74.0
New Zealand	794	78.0	9.2	78.0	4.9	6.9	0.7	0.3	76.5	79.4
Northern Ireland	516	80.7	7.0	80.7	4.0	7.3	1.0	0.0	81.5	79.9
Norway	450	66.4	7.4	66.4	11.5	12.8	1.5	0.4	63.8	69.1
Oman	1488	50.5	15.3	50.5	14.3	16.3	2.2	1.4	51.6	49.3
Poland	724	78.2	6.9	78.2	6.1	6.5	2.2	0.1	79.0	77.3
Portugal	579	63.7	10.4	63.7	6.6	16.5	2.2	0.6	64.5	63.0
Qatar	595	52.1	16.0	52.1	13.2	16.0	2.3	0.5	53.8	50.6
Romania	665	58.6	15.2	58.6	10.3	11.7	3.4	0.9	57.6	59.6
Russian Federation	632	73.2	16.1	73.2	6.4	3.1	1.2	0.0	73.4	73.0
Saudi Arabia	663	57.0	16.5	57.0	10.7	15.0	0.6	0.2	61.5	52.1
Serbia	631	65.2	12.5	65.2	3.7	16.8	1.7	0.1	66.3	64.1
Singapore	906	93.9	2.4	93.9	1.6	1.8	0.2	0.0	94.6	93.3
Slovak Republic	813	72.8	9.2	72.8	5.6	10.5	2.0	0.0	72.8	72.7
Slovenia	648	63.6	14.4	63.6	11.3	8.0	2.3	0.4	63.8	63.4
Spain	580	65.2	16.1	65.2	8.8	8.4	1.5	0.0	67.9	62.9
Sweden	654	59.9	20.7	59.9	6.3	9.6	2.6	0.8	54.7	64.2
Thailand	624	60.4	15.4	60.4	7.9	14.8	1.0	0.5	60.8	60.0
Tunisia	704	53.4	9.9	53.4	14.6	12.1	7.3	2.6	53.4	53.5
Turkey	1077	45.7	20.9	45.7	9.9	21.6	1.5	0.5	43.9	47.2
United Arab Emirates	2080	57.1	14.3	57.1	11.7	14.1	1.6	1.3	56.9	57.2
United States	1813	81.3	7.4	81.3	3.7	4.5	2.2	0.9	80.4	82.2
Yemen	1147	36.8	13.7	36.8	22.7	19.4	4.8	2.6	36.5	37.0
International Avg. (50)	37054	64.8	13.1	64.8	7.9	11.4	2.2	0.6	65.2	64.3
Botswana (6)	596	48.5	13.3	48.5	15.6	22.4	0.2	0.0	46.2	51.2
Honduras (6)	548	59.1	17.4	59.1	6.4	11.7	3.1	2.2	57.2	61.0
Yemen (6)	697	46.3	11.2	46.3	17.9	20.6	2.7	1.3	49.1	44.3
Alberta, Canada	526	83.3	8.9	83.3	2.0	3.8	1.1	0.9	84.8	81.7
Ontario, Canada	639	80.4	9.4	80.4	3.2	4.5	1.5	1.0	77.6	82.9
Quebec, Canada	600	75.8	12.1	75.8	3.0	7.8	1.3	0.0	75.7	75.9
Abu Dhabi, UAE	582	55.1	14.4	55.1	12.9	15.1	1.6	0.9	54.2	55.9
Dubai, UAE	881	65.3	12.3	65.3	8.1	11.3	1.9	1.1	67.0	63.9
Florida, US	366	85.7	8.2	85.7	4.1	0.8	1.1	0.0	87.4	84.0
North Carolina, US	251	83.5	8.0	83.5	3.0	2.5	1.8	1.2	84.4	82.8

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S14_06 (S051063): Physical Science / Applying
Label: Wooden and metal cubes on balance - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	621	28.3	16.5	28.3	20.0	27.5	6.7	0.9	26.2	30.7
Australia	881	35.9	5.5	35.9	17.8	37.3	3.1	0.4	37.6	34.3
Austria	658	22.1	6.0	22.1	23.1	38.5	10.3	0.0	18.5	25.6
Azerbaijan	697	39.2	12.9	39.2	13.9	20.3	11.2	2.5	40.8	37.9
Bahrain	587	30.4	12.0	30.4	17.2	32.2	7.1	1.1	29.2	31.5
Belgium (Flemish)	690	36.8	3.5	36.8	8.7	47.0	3.4	0.6	36.2	37.5
Chile	800	38.9	6.4	38.9	14.4	36.1	2.0	2.1	36.3	41.7
Chinese Taipei	605	71.7	6.1	71.7	5.0	14.6	2.6	0.0	70.2	73.1
Croatia	664	31.5	8.5	31.5	13.1	35.0	11.7	0.1	28.7	34.5
Czech Republic	659	45.7	8.8	45.7	12.4	25.5	6.9	0.7	44.4	46.9
Denmark	573	51.3	7.2	51.3	10.3	21.7	9.1	0.4	54.6	47.7
England	472	32.7	5.5	32.7	18.5	36.5	6.3	0.5	32.1	33.4
Finland	660	54.9	12.8	54.9	7.9	16.0	8.3	0.1	57.6	52.1
Georgia	672	45.3	9.7	45.3	13.3	25.0	5.2	1.4	43.2	47.5
Germany	567	24.3	5.0	24.3	25.5	35.5	8.8	0.8	23.3	25.3
Hong Kong SAR	566	63.2	5.1	63.2	8.2	19.7	3.8	0.0	62.6	63.7
Hungary	733	58.3	4.6	58.3	7.4	22.0	6.5	1.1	59.4	57.3
Iran, Islamic Rep. of	815	28.3	13.5	28.3	25.4	26.1	4.7	2.0	31.7	25.0
Ireland	654	24.7	6.8	24.7	20.1	42.9	5.4	0.2	24.6	24.8
Italy	604	38.8	9.0	38.8	13.3	28.5	9.8	0.4	35.0	42.7
Japan	629	79.3	2.0	79.3	2.8	12.3	3.3	0.3	79.1	79.5
Kazakhstan	618	45.8	15.2	45.8	12.4	25.3	0.5	0.7	44.5	47.1
Korea, Rep. of	619	73.2	2.1	73.2	6.3	17.8	0.3	0.2	69.5	76.8
Kuwait	571	19.2	16.4	19.2	27.0	21.5	14.0	1.9	23.0	15.1
Lithuania	667	37.7	5.3	37.7	15.1	35.1	6.1	0.8	38.1	37.3
Malta	.	.	.	.	.	.	.	.	.	.
Morocco	894	33.4	17.8	33.4	28.8	19.3	0.4	0.2	35.6	31.4
Netherlands	458	23.6	4.2	23.6	23.3	43.1	5.1	0.7	24.3	23.2
New Zealand	795	24.7	6.0	24.7	21.5	37.2	10.4	0.3	26.1	23.5
Northern Ireland	516	37.1	10.3	37.1	12.5	35.8	4.1	0.1	36.4	37.9
Norway	450	19.5	11.1	19.5	22.7	34.5	11.7	0.5	22.0	16.9
Oman	1488	29.7	14.5	29.7	19.0	28.0	7.0	1.8	30.5	28.8
Poland	724	46.2	7.7	46.2	7.1	31.7	7.1	0.1	44.4	48.0
Portugal	579	59.2	7.3	59.2	9.5	19.1	3.7	1.3	58.0	60.4
Qatar	595	29.9	10.7	29.9	19.8	28.3	10.7	0.7	33.4	26.8
Romania	662	40.5	10.0	40.5	15.1	25.0	8.2	1.1	41.5	39.6
Russian Federation	632	69.4	5.5	69.4	4.7	16.9	3.4	0.0	70.0	68.9
Saudi Arabia	647	37.3	15.3	37.3	21.4	22.6	3.1	0.2	39.0	35.6
Serbia	631	45.6	7.8	45.6	10.3	24.2	11.9	0.1	46.7	44.6
Singapore	906	64.7	2.5	64.7	5.3	27.0	0.4	0.0	63.5	66.0
Slovak Republic	813	51.8	5.3	51.8	7.5	30.1	5.2	0.0	50.4	53.2
Slovenia	634	39.9	9.4	39.9	11.7	30.2	8.5	0.4	42.7	37.7
Spain	580	38.3	9.0	38.3	20.7	25.3	6.3	0.3	37.9	38.6
Sweden	654	32.3	6.5	32.3	25.2	25.4	9.8	0.8	34.0	30.8
Thailand	624	29.3	6.4	29.3	18.8	42.3	2.7	0.5	29.6	29.0
Tunisia	695	30.5	11.8	30.5	20.9	16.6	16.6	3.6	30.1	30.8
Turkey	1077	37.5	8.1	37.5	10.7	42.1	1.2	0.5	37.7	37.2
United Arab Emirates	2080	30.7	12.0	30.7	16.4	32.6	6.9	1.4	31.0	30.4
United States	1813	42.3	4.0	42.3	14.3	35.2	3.2	0.9	42.5	42.1
Yemen	1145	23.2	12.1	23.2	26.8	13.3	21.6	2.9	24.3	22.5
International Avg. (49)	36374	40.3	8.6	40.3	15.4	28.3	6.7	0.8	40.4	40.3
Botswana (6)	596	37.5	17.3	37.5	17.8	26.1	1.4	0.0	37.0	38.2
Honduras (6)	548	24.9	19.5	24.9	24.7	24.1	4.2	2.6	26.7	23.1
Yemen (6)	697	23.4	13.2	23.4	24.1	21.1	16.8	1.4	24.8	22.3
Alberta, Canada	526	38.0	5.5	38.0	12.8	40.8	1.8	1.0	39.9	36.0
Ontario, Canada	639	37.7	5.0	37.7	14.8	35.2	6.1	1.2	37.7	37.7
Quebec, Canada	600	46.2	6.4	46.2	13.5	28.8	5.0	0.0	48.2	44.1
Abu Dhabi, UAE	582	28.3	12.9	28.3	17.3	32.8	7.7	0.9	31.5	25.3
Dubai, UAE	881	33.6	8.6	33.6	13.4	35.9	7.2	1.4	33.2	33.9
Florida, US	366	51.6	4.0	51.6	12.5	30.2	1.5	0.2	49.3	53.9
North Carolina, US	251	45.5	4.0	45.5	15.2	31.3	2.4	1.5	40.7	49.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S14_07 (S051012): Physical Science / Applying
Label: Two metal bars - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	631	38.1	15.6	16.3	38.1	25.0	3.9	1.0	34.1	42.6
Australia	881	53.7	21.3	12.6	53.7	10.1	1.8	0.7	50.5	56.7
Austria	658	69.8	13.0	8.2	69.8	6.6	2.2	0.1	69.0	70.7
Azerbaijan	697	40.4	11.6	12.3	40.4	21.1	11.9	2.7	37.0	43.2
Bahrain	587	46.8	20.1	18.8	46.8	11.8	1.5	1.1	43.1	50.4
Belgium (Flemish)	690	50.9	25.6	13.1	50.9	8.7	1.1	0.7	48.9	52.9
Chile	800	47.5	18.4	10.9	47.5	18.0	2.5	2.7	41.5	54.1
Chinese Taipei	605	79.6	7.1	8.4	79.6	4.0	0.8	0.2	74.1	84.5
Croatia	664	59.9	16.6	13.2	59.9	9.0	1.0	0.1	60.4	59.4
Czech Republic	659	63.7	15.6	10.4	63.7	7.1	2.3	0.9	58.2	68.9
Denmark	573	65.5	15.2	9.2	65.5	5.9	3.0	1.1	67.8	62.9
England	472	62.9	17.8	10.2	62.9	7.3	1.1	0.8	55.1	70.0
Finland	660	76.7	12.8	6.6	76.7	3.2	0.6	0.1	77.2	76.1
Georgia	672	37.3	16.0	10.8	37.3	30.1	4.2	1.6	38.2	36.4
Germany	567	60.5	17.4	11.8	60.5	6.8	2.7	0.8	55.2	65.5
Hong Kong SAR	566	63.8	13.6	9.7	63.8	11.7	1.1	0.0	61.4	65.9
Hungary	737	63.5	11.5	8.4	63.5	14.6	1.0	1.0	59.9	66.9
Iran, Islamic Rep. of	815	62.8	7.7	12.7	62.8	13.6	0.9	2.4	60.7	64.9
Ireland	654	60.4	16.7	9.5	60.4	11.3	1.9	0.2	59.1	61.7
Italy	604	51.0	19.9	10.6	51.0	15.6	2.3	0.7	48.8	53.1
Japan	629	84.9	5.8	6.3	84.9	2.5	0.2	0.3	85.6	84.2
Kazakhstan	618	51.2	17.9	16.2	51.2	12.8	1.2	0.8	47.2	55.3
Korea, Rep. of	619	86.6	5.8	5.7	86.6	1.6	0.2	0.2	86.0	87.1
Kuwait	571	33.9	18.8	23.8	33.9	14.0	7.0	2.4	36.5	31.1
Lithuania	667	52.3	20.1	16.8	52.3	8.4	1.3	1.0	49.7	54.7
Malta	519	57.1	17.2	11.1	57.1	12.6	1.6	0.4	56.0	58.1
Morocco	968	31.0	18.6	31.8	31.0	18.2	0.2	0.2	30.1	31.8
Netherlands	458	59.8	20.7	10.2	59.8	7.3	1.3	0.7	63.1	57.0
New Zealand	795	52.6	20.3	13.3	52.6	9.3	4.2	0.3	48.9	56.0
Northern Ireland	516	58.3	20.1	10.1	58.3	9.5	1.7	0.4	55.8	61.1
Norway	450	50.5	24.6	12.0	50.5	10.7	1.4	0.7	47.0	54.1
Oman	1488	40.3	18.5	21.7	40.3	14.9	2.1	2.5	42.2	38.4
Poland	724	55.0	16.2	15.0	55.0	12.2	1.4	0.1	51.2	58.7
Portugal	579	53.1	14.7	12.9	53.1	17.1	0.8	1.4	46.0	59.4
Qatar	595	40.2	21.9	22.5	40.2	12.1	2.5	0.9	43.9	37.1
Romania	665	63.5	8.1	9.6	63.5	14.5	3.1	1.1	54.9	71.2
Russian Federation	632	76.5	8.2	7.7	76.5	6.9	0.5	0.2	73.9	78.9
Saudi Arabia	661	41.6	18.3	19.8	41.6	18.0	1.9	0.4	45.5	37.4
Serbia	631	57.3	14.1	8.9	57.3	17.4	1.7	0.6	48.6	65.4
Singapore	906	83.5	5.4	7.5	83.5	2.9	0.7	0.0	82.0	85.1
Slovak Republic	813	65.0	13.1	9.1	65.0	11.0	1.7	0.0	61.8	68.4
Slovenia	648	71.0	12.9	6.7	71.0	6.8	1.6	1.0	68.6	72.9
Spain	580	54.0	16.8	15.0	54.0	10.9	2.9	0.3	49.1	58.2
Sweden	654	66.5	15.1	9.3	66.5	5.9	1.8	1.3	62.1	70.2
Thailand	624	54.7	13.4	14.2	54.7	16.1	1.1	0.5	60.0	49.2
Tunisia	705	31.0	13.5	20.5	31.0	23.3	6.8	4.8	30.3	31.6
Turkey	1077	41.4	18.4	15.7	41.4	22.2	1.8	0.5	36.4	45.6
United Arab Emirates	2080	45.7	19.5	20.6	45.7	11.0	1.6	1.6	46.8	44.6
United States	1813	67.2	13.2	7.6	67.2	7.4	3.6	1.0	66.4	68.1
Yemen	1145	29.2	14.6	26.1	29.2	18.2	8.2	3.6	27.9	30.1
International Avg. (50)	37022	56.2	15.6	13.0	56.2	11.9	2.3	1.0	54.1	58.2
Botswana (6)	596	60.1	15.0	16.0	60.1	8.2	0.7	0.0	62.6	57.4
Honduras (6)	548	33.7	14.0	13.4	33.7	33.2	2.7	3.0	29.4	38.0
Yemen (6)	697	41.3	13.8	22.7	41.3	17.7	2.7	1.8	42.1	40.7
Alberta, Canada	526	73.7	11.5	6.7	73.7	5.3	1.4	1.2	70.0	77.7
Ontario, Canada	639	65.4	14.9	8.4	65.4	7.7	1.7	1.8	61.7	68.8
Quebec, Canada	600	62.6	15.9	8.0	62.6	10.9	2.3	0.3	56.3	69.2
Abu Dhabi, UAE	582	43.5	19.2	22.3	43.5	11.8	1.8	1.3	44.1	43.0
Dubai, UAE	881	51.5	20.4	15.4	51.5	9.7	1.5	1.5	51.6	51.4
Florida, US	366	68.6	13.6	6.2	68.6	9.6	1.8	0.2	69.2	68.1
North Carolina, US	251	72.1	11.2	7.2	72.1	5.6	2.4	1.5	74.5	70.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S14_08 (S051115): Physical Science / Applying
Label: Drops of wax on a metal frame - Points: 1

COUNTRY	N	10 %	79 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	725	18.9	57.4	16.1	7.6	18.9	17.2	20.7
Australia	881	50.2	46.8	2.2	0.7	50.2	53.3	47.3
Austria	658	52.5	41.1	6.3	0.1	52.5	51.6	53.3
Azerbaijan	698	9.8	64.6	22.0	3.6	9.8	7.6	11.6
Bahrain	587	33.1	63.7	2.0	1.3	33.1	35.9	30.3
Belgium (Flemish)	690	63.0	35.0	1.3	0.7	63.0	66.2	59.6
Chile	800	38.9	54.2	3.6	3.3	38.9	36.7	41.3
Chinese Taipei	605	64.5	34.3	1.1	0.2	64.5	63.9	65.1
Croatia	664	52.0	43.3	4.3	0.4	52.0	53.9	50.0
Czech Republic	659	53.5	41.7	3.6	1.2	53.5	55.3	51.8
Denmark	573	50.1	45.8	2.8	1.3	50.1	55.6	44.1
England	472	54.7	42.2	2.4	0.8	54.7	59.6	50.2
Finland	660	67.2	32.4	0.3	0.1	67.2	64.8	69.8
Georgia	671	25.1	69.2	3.9	1.9	25.1	28.2	22.0
Germany	567	57.7	36.8	4.5	1.1	57.7	55.7	59.6
Hong Kong SAR	566	57.7	41.4	0.8	0.0	57.7	61.4	54.8
Hungary	736	50.1	47.5	1.3	1.1	50.1	49.8	50.4
Iran, Islamic Rep. of	815	24.7	69.3	3.6	2.5	24.7	21.1	28.2
Ireland	654	50.0	47.9	1.9	0.2	50.0	50.0	49.9
Italy	604	58.9	36.8	3.6	0.7	58.9	56.9	61.0
Japan	629	76.1	23.3	0.3	0.3	76.1	76.5	75.7
Kazakhstan	618	39.3	47.1	12.8	0.9	39.3	37.4	41.1
Korea, Rep. of	619	82.7	17.0	0.2	0.2	82.7	82.5	82.8
Kuwait	583	11.0	79.6	6.5	2.9	11.0	15.1	6.6
Lithuania	667	43.2	53.8	1.8	1.1	43.2	48.6	38.3
Malta	519	37.8	58.6	2.8	0.8	37.8	38.7	37.1
Morocco	1111	4.8	87.2	5.5	2.5	4.8	4.7	4.8
Netherlands	458	60.5	37.6	1.0	0.9	60.5	62.2	58.1
New Zealand	795	42.3	54.2	3.1	0.4	42.3	42.8	41.8
Northern Ireland	516	49.8	48.4	1.4	0.4	49.8	47.6	52.3
Norway	450	41.4	54.8	2.9	0.8	41.4	45.2	37.6
Oman	1488	14.7	79.9	2.6	2.8	14.7	18.0	11.3
Poland	724	44.3	52.5	3.0	0.2	44.3	43.0	45.6
Portugal	579	60.1	35.6	2.4	1.9	60.1	59.8	60.3
Qatar	595	24.0	72.4	2.3	1.3	24.0	28.9	19.8
Romania	665	40.3	56.8	1.8	1.1	40.3	37.8	42.5
Russian Federation	632	57.8	41.0	1.0	0.2	57.8	64.5	51.5
Saudi Arabia	663	36.6	61.5	1.4	0.5	36.6	44.4	28.2
Serbia	631	57.4	39.2	2.7	0.7	57.4	59.2	55.7
Singapore	906	77.6	22.3	0.1	0.0	77.6	81.7	73.2
Slovak Republic	813	55.9	42.5	1.5	0.0	55.9	56.3	55.6
Slovenia	649	52.4	45.0	1.7	1.0	52.4	48.0	56.0
Spain	580	51.1	44.6	3.7	0.5	51.1	48.4	53.5
Sweden	654	52.3	41.5	4.9	1.3	52.3	51.3	53.1
Thailand	624	29.8	66.7	3.1	0.5	29.8	33.1	26.3
Tunisia	711	19.9	71.8	3.5	4.8	19.9	22.7	17.4
Turkey	1077	38.0	59.9	1.5	0.7	38.0	38.4	37.6
United Arab Emirates	2080	26.2	70.7	1.4	1.6	26.2	27.4	25.1
United States	1813	59.9	36.8	2.2	1.2	59.9	60.1	59.7
Yemen	1145	2.6	87.4	6.4	3.6	2.6	3.1	2.2
International Avg. (50)	37279	44.4	50.8	3.5	1.3	44.4	45.4	43.4
Botswana (6)	596	21.4	78.1	0.4	0.0	21.4	21.0	21.9
Honduras (6)	548	18.2	76.5	1.6	3.7	18.2	18.5	17.9
Yemen (6)	696	12.8	83.2	2.3	1.8	12.8	15.4	10.9
Alberta, Canada	526	59.3	38.0	1.3	1.4	59.3	57.8	60.9
Ontario, Canada	639	60.9	35.4	1.5	2.1	60.9	59.9	61.8
Quebec, Canada	600	59.3	36.6	3.5	0.6	59.3	56.4	62.5
Abu Dhabi, UAE	582	23.8	73.5	1.4	1.3	23.8	26.3	21.4
Dubai, UAE	881	36.5	60.1	1.8	1.6	36.5	37.6	35.5
Florida, US	366	53.1	45.1	1.3	0.5	53.1	55.8	50.3
North Carolina, US	251	61.4	34.2	2.9	1.5	61.4	63.6	59.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better
Percent right for boys and girls corresponds to the percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

S14_09 (S051180): Physical Science / Reasoning
Label: Object inside a wooden box - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	618	50.5	25.3	7.5	50.5	9.2	6.4	1.1	51.4	50.0
Australia	881	59.7	22.1	4.2	59.7	11.7	1.4	0.9	59.7	59.8
Austria	658	79.1	11.3	2.7	79.1	5.4	1.1	0.4	75.0	83.1
Azerbaijan	699	41.9	26.7	9.8	41.9	9.7	7.2	4.8	44.8	39.4
Bahrain	587	62.3	22.9	3.6	62.3	9.0	0.6	1.5	62.7	62.0
Belgium (Flemish)	690	62.2	18.8	4.7	62.2	12.7	0.9	0.7	61.7	62.7
Chile	800	51.7	23.0	5.5	51.7	14.7	1.6	3.5	50.7	52.9
Chinese Taipei	605	94.1	2.9	1.1	94.1	1.6	0.2	0.2	92.3	95.8
Croatia	664	50.4	32.5	3.1	50.4	10.6	3.0	0.4	44.2	57.1
Czech Republic	659	61.4	19.6	2.1	61.4	13.5	1.8	1.7	61.2	61.5
Denmark	573	70.8	14.2	4.1	70.8	7.1	2.3	1.4	68.8	73.0
England	472	80.7	9.7	3.4	80.7	3.4	2.0	0.8	77.0	84.0
Finland	660	73.8	17.7	3.1	73.8	3.9	1.4	0.1	73.5	74.0
Georgia	672	50.5	24.5	7.9	50.5	11.8	3.1	2.1	50.6	50.4
Germany	567	80.6	6.7	2.4	80.6	5.5	3.5	1.2	79.2	82.0
Hong Kong SAR	566	84.2	5.9	2.0	84.2	6.9	1.0	0.0	80.0	87.7
Hungary	737	62.4	15.7	3.3	62.4	14.7	2.4	1.5	58.1	66.5
Iran, Islamic Rep. of	815	68.8	16.6	4.6	68.8	3.3	3.8	2.9	68.7	68.9
Ireland	654	71.8	15.7	3.3	71.8	7.6	1.5	0.2	72.1	71.5
Italy	604	66.5	16.0	3.5	66.5	10.9	2.2	0.9	69.0	64.1
Japan	629	97.5	0.3	0.7	97.5	1.2	0.0	0.3	96.2	98.7
Kazakhstan	618	61.6	15.0	8.6	61.6	11.4	1.6	1.8	58.8	64.4
Korea, Rep. of	619	87.3	6.5	0.4	87.3	5.0	0.5	0.2	84.4	90.1
Kuwait	578	38.8	33.6	7.0	38.8	12.2	5.7	2.8	34.2	43.9
Lithuania	667	54.9	25.7	5.9	54.9	10.6	1.4	1.4	48.2	61.0
Malta	519	75.2	13.0	4.3	75.2	5.2	1.4	1.0	69.2	80.7
Morocco	942	53.7	24.4	12.9	53.7	8.3	0.5	0.3	50.4	56.7
Netherlands	458	65.8	16.8	2.3	65.8	13.5	0.6	0.9	61.4	70.2
New Zealand	795	64.7	17.7	3.8	64.7	11.5	2.0	0.4	60.8	68.2
Northern Ireland	516	70.7	12.6	2.5	70.7	12.1	1.7	0.4	66.5	75.4
Norway	450	56.2	20.2	3.0	56.2	15.7	4.0	1.0	57.7	54.5
Oman	1488	64.4	15.6	5.7	64.4	8.3	3.2	2.8	63.7	65.2
Poland	724	63.1	12.1	4.9	63.1	17.4	2.1	0.3	56.5	69.7
Portugal	579	68.7	12.8	3.1	68.7	12.4	1.1	1.9	64.3	72.5
Qatar	595	60.2	21.3	5.6	60.2	9.9	1.6	1.4	60.1	60.3
Romania	663	57.8	26.5	5.2	57.8	3.8	5.5	1.2	54.2	61.0
Russian Federation	632	66.7	20.7	4.1	66.7	6.7	1.7	0.2	66.9	66.5
Saudi Arabia	660	51.6	26.6	6.7	51.6	13.4	0.8	0.9	52.5	50.6
Serbia	630	70.2	14.1	4.1	70.2	9.0	1.8	0.8	64.7	75.4
Singapore	906	87.8	4.9	2.0	87.8	5.3	0.0	0.0	85.7	90.0
Slovak Republic	813	77.2	14.0	1.8	77.2	4.3	2.5	0.3	71.0	83.8
Slovenia	648	76.3	12.9	2.4	76.3	5.3	1.9	1.2	68.9	82.1
Spain	580	57.1	21.0	4.3	57.1	15.2	1.7	0.8	48.2	64.6
Sweden	654	60.9	25.8	2.3	60.9	7.9	1.7	1.4	53.9	66.6
Thailand	624	57.0	14.5	6.9	57.0	19.4	1.7	0.5	54.8	59.4
Tunisia	700	37.5	25.8	9.8	37.5	10.7	10.9	5.4	35.6	39.2
Turkey	1077	53.8	25.0	6.9	53.8	12.4	1.3	0.7	51.2	56.0
United Arab Emirates	2080	55.6	22.9	6.6	55.6	11.4	1.9	1.7	55.7	55.5
United States	1813	83.8	7.5	2.4	83.8	3.9	1.0	1.4	80.5	87.3
Yemen	1147	41.8	17.7	15.1	41.8	10.5	10.9	4.1	44.4	40.1
International Avg. (50)	36985	64.8	17.5	4.7	64.8	9.3	2.4	1.3	62.4	67.1
Botswana (6)	596	63.3	20.2	8.8	63.3	7.2	0.5	0.0	59.0	68.2
Honduras (6)	547	34.9	37.4	10.4	34.9	11.1	1.9	4.3	33.1	36.7
Yemen (6)	697	53.3	24.7	7.9	53.3	7.9	4.1	2.1	50.9	55.1
Alberta, Canada	526	71.2	12.4	2.7	71.2	11.1	1.0	1.6	65.7	77.1
Ontario, Canada	639	70.5	14.3	1.0	70.5	10.2	1.6	2.5	65.1	75.2
Quebec, Canada	600	64.2	16.0	4.0	64.2	13.1	1.8	0.8	59.1	69.7
Abu Dhabi, UAE	582	61.8	20.4	6.5	61.8	8.5	1.4	1.3	63.8	60.0
Dubai, UAE	881	59.8	18.8	6.1	59.8	11.3	2.3	1.6	60.8	58.9
Florida, US	366	79.4	9.5	2.4	79.4	7.3	1.0	0.5	74.7	84.1
North Carolina, US	251	82.5	5.9	2.9	82.5	5.5	1.6	1.5	77.7	86.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

S14_10 (S051106): Earth Science / Applying

Label: Amount of water and land on Earth - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	595	50.7	19.6	6.6	13.3	50.7	8.4	1.4	50.5	51.2
Australia	881	35.8	13.0	12.1	34.2	35.8	3.6	1.4	35.0	36.5
Austria	658	48.4	14.1	7.4	21.4	48.4	8.1	0.6	42.7	54.0
Azerbaijan	699	41.0	14.5	5.5	16.2	41.0	16.5	6.2	43.0	39.4
Bahrain	587	39.4	22.4	9.4	23.7	39.4	3.7	1.5	37.1	41.7
Belgium (Flemish)	690	43.3	13.3	9.8	31.5	43.3	1.2	1.0	38.5	48.3
Chile	800	31.9	16.0	13.6	29.8	31.9	3.6	5.1	31.5	32.3
Chinese Taipei	605	55.4	7.8	6.4	28.7	55.4	1.4	0.3	48.7	61.4
Croatia	664	55.8	8.7	7.6	21.6	55.8	5.7	0.6	51.6	60.4
Czech Republic	659	33.9	12.6	13.3	33.9	33.9	4.1	2.2	28.7	39.0
Denmark	573	45.8	2.1	10.0	35.3	45.8	4.6	2.1	39.4	52.8
England	472	38.6	14.3	11.6	30.0	38.6	4.2	1.3	33.1	43.6
Finland	660	50.5	8.6	9.0	30.0	50.5	1.7	0.2	45.3	55.8
Georgia	667	47.3	16.6	5.8	21.5	47.3	5.8	3.0	43.8	50.9
Germany	567	40.7	14.1	8.2	27.6	40.7	7.6	1.9	34.1	47.0
Hong Kong SAR	566	62.4	3.3	12.8	20.1	62.4	1.5	0.0	55.6	68.0
Hungary	737	60.1	8.2	5.9	21.1	60.1	2.3	2.3	58.2	61.9
Iran, Islamic Rep. of	815	38.2	21.1	8.0	21.0	38.2	7.0	4.8	37.7	38.7
Ireland	654	41.4	16.7	9.9	27.8	41.4	3.3	1.0	40.1	42.9
Italy	604	37.9	30.2	6.0	20.0	37.9	4.4	1.5	36.7	39.2
Japan	629	37.0	4.3	17.7	38.5	37.0	2.2	0.3	24.7	49.0
Kazakhstan	618	46.1	17.0	6.6	24.6	46.1	3.6	2.0	39.3	53.1
Korea, Rep. of	619	69.1	1.6	6.2	22.2	69.1	0.6	0.4	64.7	73.2
Kuwait	570	28.1	23.7	11.9	25.6	28.1	6.8	4.0	28.4	27.8
Lithuania	667	57.0	9.4	6.8	23.2	57.0	1.9	1.7	52.8	60.8
Malta	519	36.5	18.3	9.1	31.8	36.5	3.1	1.2	35.4	37.4
Morocco	868	24.2	38.9	15.3	20.8	24.2	0.0	0.8	26.2	22.4
Netherlands	458	38.0	3.0	19.2	36.8	38.0	2.0	0.9	32.2	44.8
New Zealand	795	34.5	19.4	10.3	30.4	34.5	4.4	1.0	31.7	37.1
Northern Ireland	516	40.1	14.0	9.3	33.5	40.1	2.1	0.9	39.4	40.9
Norway	450	46.4	8.2	10.3	27.0	46.4	5.7	2.5	39.5	53.4
Oman	1488	39.9	26.2	8.4	15.3	39.9	6.5	3.6	43.1	36.6
Poland	724	38.8	19.1	7.4	30.9	38.8	2.8	1.0	35.0	42.6
Portugal	579	42.5	11.1	7.3	32.6	42.5	4.1	2.4	44.8	40.4
Qatar	595	40.8	18.2	10.5	22.7	40.8	6.2	1.4	43.9	38.2
Romania	662	45.8	13.5	9.3	22.1	45.8	7.6	1.7	45.1	46.4
Russian Federation	632	49.2	12.5	5.7	30.4	49.2	1.7	0.4	43.9	54.3
Saudi Arabia	663	52.0	17.1	10.5	17.3	52.0	1.5	1.6	54.7	49.1
Serbia	631	44.0	7.6	6.5	33.6	44.0	6.8	1.5	40.8	47.0
Singapore	906	44.2	7.4	19.7	27.4	44.2	1.3	0.0	39.9	48.8
Slovak Republic	813	46.1	15.4	10.7	24.1	46.1	2.6	1.1	42.2	50.3
Slovenia	648	40.0	11.7	11.4	28.0	40.0	6.9	1.9	41.0	39.3
Spain	580	34.2	13.0	12.1	31.4	34.2	8.5	0.8	34.9	33.6
Sweden	654	50.7	4.9	11.6	26.5	50.7	4.8	1.5	47.0	53.7
Thailand	624	29.2	15.5	16.3	31.8	29.2	5.7	1.5	31.7	26.6
Tunisia	708	19.2	26.8	11.6	21.2	19.2	12.2	9.0	21.4	17.1
Turkey	1075	69.0	11.4	5.7	10.9	69.0	1.8	1.2	68.2	69.6
United Arab Emirates	2080	42.2	18.4	7.7	22.0	42.2	7.2	2.5	41.6	42.9
United States	1813	51.4	8.8	6.4	29.2	51.4	2.1	2.0	46.1	57.3
Yemen	1146	23.7	18.9	10.8	22.5	23.7	18.0	6.1	26.1	22.2
International Avg. (50)	36883	43.2	14.3	9.8	26.1	43.2	4.8	1.9	40.7	45.6
Botswana (6)	596	22.7	36.9	10.1	27.4	22.7	2.6	0.2	20.2	25.7
Honduras (6)	548	24.1	37.5	8.1	15.3	24.1	9.7	5.2	23.2	25.0
Yemen (6)	697	36.3	21.7	11.0	18.4	36.3	9.9	2.7	39.7	33.8
Alberta, Canada	526	43.4	14.3	11.5	26.6	43.4	2.3	1.9	36.2	51.0
Ontario, Canada	639	39.1	10.7	9.6	34.9	39.1	2.4	3.3	31.7	45.7
Quebec, Canada	600	36.8	11.6	8.9	37.3	36.8	4.4	0.9	33.9	39.9
Abu Dhabi, UAE	582	34.5	22.4	9.3	24.4	34.5	7.3	2.0	34.2	34.8
Dubai, UAE	881	49.3	14.2	7.0	21.1	49.3	6.1	2.3	45.8	52.4
Florida, US	366	51.6	8.6	8.1	28.9	51.6	1.9	1.0	45.4	57.9
North Carolina, US	251	51.8	8.3	8.1	27.5	51.8	1.7	2.7	51.2	52.3

DIFF = Percent correct

Because of missing gender information, some totals may appear inconsistent.

S14_11 (S051148): Earth Science / Knowing
Label: What makes up solar system - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Armenia	617	37.1	36.0	6.9	37.1	12.0	6.6	1.4	37.9	36.1
Australia	881	56.4	26.7	3.4	56.4	11.0	0.8	1.6	54.3	58.4
Austria	658	62.9	23.2	5.3	62.9	5.6	0.7	2.3	57.0	68.6
Azerbaijan	699	49.8	18.1	4.8	49.8	15.1	5.2	6.9	51.3	48.5
Bahrain	587	51.7	31.8	3.5	51.7	10.1	1.0	1.9	56.6	46.7
Belgium (Flemish)	690	51.1	31.3	6.9	51.1	9.0	0.7	1.0	46.8	55.6
Chile	800	70.1	12.4	5.1	70.1	6.5	0.7	5.2	70.7	69.4
Chinese Taipei	605	61.9	22.5	4.1	61.9	10.3	0.9	0.3	57.6	65.8
Croatia	664	65.5	22.4	3.1	65.5	6.4	1.1	1.5	62.2	69.1
Czech Republic	659	61.3	20.9	3.6	61.3	11.0	0.6	2.6	58.4	64.0
Denmark	573	55.5	27.4	5.2	55.5	7.9	1.1	2.9	56.3	54.6
England	472	54.1	19.8	7.3	54.1	16.3	0.9	1.6	51.3	56.6
Finland	660	77.2	10.8	3.0	77.2	7.6	0.5	1.0	77.3	77.0
Georgia	667	56.1	18.5	9.4	56.1	11.1	1.2	3.7	55.1	57.0
Germany	567	61.5	25.1	3.4	61.5	6.1	1.1	2.8	55.9	66.9
Hong Kong SAR	566	69.4	16.4	3.1	69.4	10.5	0.5	0.0	66.4	71.9
Hungary	737	68.8	11.5	6.5	68.8	8.3	1.4	3.4	71.0	66.8
Iran, Islamic Rep. of	815	62.9	12.6	5.7	62.9	11.8	1.0	6.0	65.5	60.4
Ireland	654	59.9	22.7	3.2	59.9	11.7	1.1	1.4	56.4	63.6
Italy	604	59.0	28.9	3.5	59.0	4.7	1.9	2.0	57.4	60.6
Japan	629	48.3	34.7	7.4	48.3	8.4	0.5	0.8	38.2	58.2
Kazakhstan	618	62.7	16.0	10.2	62.7	8.5	0.5	2.2	65.3	60.0
Korea, Rep. of	619	61.0	24.8	3.5	61.0	10.1	0.0	0.6	59.2	62.8
Kuwait	577	42.7	27.5	10.8	42.7	10.8	3.6	4.7	42.3	43.1
Lithuania	667	61.9	22.9	5.6	61.9	7.4	0.4	1.7	58.0	65.4
Malta	519	45.7	38.8	3.9	45.7	9.8	0.6	1.2	47.2	44.2
Morocco	918	34.2	36.4	16.8	34.2	11.4	0.5	0.8	31.8	36.6
Netherlands	458	61.9	18.8	5.1	61.9	12.0	0.8	1.3	58.2	66.0
New Zealand	795	53.0	24.3	4.2	53.0	16.0	1.3	1.2	53.6	52.5
Northern Ireland	516	49.8	25.4	7.3	49.8	15.9	0.5	1.2	45.5	54.5
Norway	450	57.7	18.1	8.0	57.7	12.3	0.7	3.1	58.1	57.3
Oman	1488	44.2	32.1	7.1	44.2	10.2	1.7	4.7	44.1	44.3
Poland	724	59.4	27.7	3.1	59.4	8.1	0.5	1.2	56.1	62.7
Portugal	579	72.4	13.2	3.5	72.4	7.3	0.8	2.7	72.8	72.1
Qatar	595	47.9	31.3	8.6	47.9	7.9	2.1	2.2	50.0	46.1
Romania	664	62.1	20.8	4.2	62.1	5.8	4.6	2.5	62.2	62.0
Russian Federation	632	80.7	9.4	3.7	80.7	4.6	1.1	0.4	85.1	76.5
Saudi Arabia	662	53.7	29.0	4.9	53.7	8.9	1.4	2.2	59.5	47.3
Serbia	631	52.0	31.3	3.9	52.0	9.0	1.7	2.1	49.5	54.3
Singapore	906	50.3	30.9	3.9	50.3	14.4	0.4	0.0	45.7	55.3
Slovak Republic	813	80.2	10.7	1.9	80.2	5.2	0.6	1.4	80.4	79.9
Slovenia	648	28.9	53.0	3.3	28.9	8.3	1.0	5.4	25.6	31.6
Spain	580	56.4	25.7	5.4	56.4	8.9	0.8	2.8	56.0	56.8
Sweden	654	69.0	18.3	3.2	69.0	6.7	0.9	1.9	66.9	70.8
Thailand	624	59.5	21.6	6.3	59.5	10.5	0.5	1.5	61.2	57.8
Tunisia	706	40.6	26.2	7.4	40.6	8.8	4.9	12.1	41.9	39.5
Turkey	1075	33.4	35.7	8.7	33.4	19.4	1.3	1.4	29.2	36.9
United Arab Emirates	2080	55.3	24.3	4.9	55.3	9.0	1.3	5.1	57.5	53.1
United States	1813	68.5	15.9	2.6	68.5	9.7	0.5	2.8	66.2	71.0
Yemen	1146	36.5	29.4	10.9	36.5	8.7	6.8	7.8	40.6	33.8
International Avg. (50)	36961	56.4	24.3	5.6	56.4	9.7	1.4	2.6	55.5	57.4
Botswana (6)	596	37.8	39.3	6.3	37.8	15.4	1.0	0.2	35.5	40.4
Honduras (6)	548	39.1	36.3	2.8	39.1	14.3	1.6	5.9	36.5	41.7
Yemen (6)	696	51.6	28.9	5.8	51.6	9.7	1.0	2.9	57.0	47.7
Alberta, Canada	526	53.7	26.1	6.0	53.7	10.8	1.1	2.3	46.8	61.1
Ontario, Canada	639	50.9	27.5	4.1	50.9	12.7	1.0	3.8	41.8	58.9
Quebec, Canada	600	58.0	27.3	3.6	58.0	9.4	0.7	0.9	56.7	59.4
Abu Dhabi, UAE	582	54.3	24.7	5.6	54.3	8.9	1.1	5.4	55.0	53.5
Dubai, UAE	881	61.8	20.5	3.1	61.8	8.4	1.9	4.2	64.0	60.0
Florida, US	366	74.1	10.0	2.7	74.1	10.8	0.0	2.4	69.4	78.9
North Carolina, US	251	65.2	14.3	3.5	65.2	12.5	0.8	3.7	64.0	66.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.