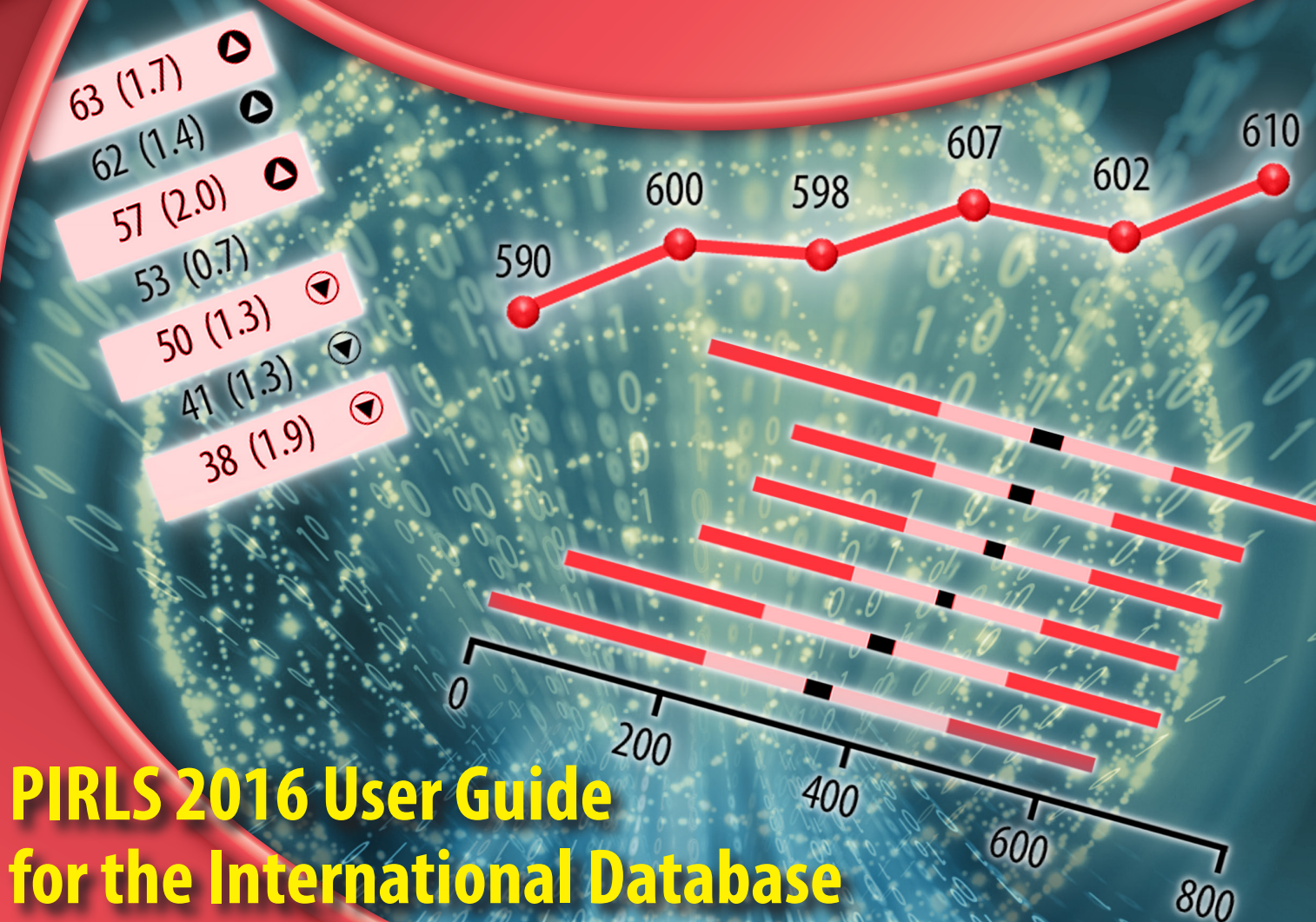


PROGRESS IN INTERNATIONAL READING LITERACY STUDY

PIRLS



PIRLS 2016 User Guide for the International Database

ITEM PERCENT CORRECT STATISTICS

PIRLS 2016



TIMSS & PIRLS
International Study Center
Lynch School of Education
BOSTON COLLEGE

R11F01M (Flowers on the Roof): Identity of narrator
Multiple Choice (Key is B)

Country	Percent Correct	
Ireland	94 (1.3)	▲
Russian Federation	93 (1.2)	▲
Northern Ireland	93 (1.3)	▲
Poland	91 (1.4)	▲
England	90 (1.0)	▲
Denmark	90 (1.4)	▲
Czech Republic	90 (1.2)	▲
Bulgaria	90 (1.5)	▲
Hungary	89 (1.7)	▲
Slovenia	89 (1.6)	▲
Netherlands	89 (1.4)	▲
United States	88 (1.5)	▲
Austria	87 (1.4)	▲
Singapore	87 (1.2)	▲
Latvia	87 (1.4)	▲
Australia	87 (1.2)	▲
Italy	86 (1.6)	▲
Finland	86 (1.2)	▲
Belgium (Flemish)	86 (1.4)	▲
Canada	85 (1.1)	▲
Israel	85 (1.2)	▲
Norway (5)	85 (1.8)	▲
Germany	85 (1.4)	▲
Slovak Republic	84 (1.5)	▲
Portugal	83 (1.5)	▲
Lithuania	83 (2.3)	
Azerbaijan	82 (1.9)	▲
Spain	82 (1.3)	▲
New Zealand	81 (1.4)	
Sweden	80 (2.0)	
Kazakhstan	80 (1.8)	
International Avg.	78 (0.2)	
France	78 (1.9)	
Georgia	77 (1.7)	
Hong Kong SAR	77 (1.9)	
Chile	77 (1.9)	
Macao SAR	75 (1.6)	▼
Malta	73 (1.8)	▼
Belgium (French)	70 (2.0)	▼
Chinese Taipei	67 (1.8)	▼
Trinidad and Tobago	66 (2.6)	▼
Iran, Islamic Rep. of	60 (2.7)	▼
United Arab Emirates	54 (1.4)	▼
Qatar	53 (1.2)	▼
Bahrain	51 (1.9)	▼
Oman	44 (1.8)	▼
Morocco	39 (2.0)	▼
Saudi Arabia	27 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	96 (0.8)	▲
Quebec, Canada	87 (1.7)	▲
Ontario, Canada	86 (1.8)	▲
Madrid, Spain	85 (1.4)	▲
Andalusia, Spain	79 (1.8)	
Norway (4)	79 (1.7)	
Dubai, UAE	75 (1.4)	▼
Buenos Aires, Argentina	67 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	44 (3.1)	▼
Abu Dhabi, UAE	43 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F02M (Flowers on the Roof): Granny's farmhouse
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	92 (1.4)	▲
Lithuania	89 (1.6)	▲
Sweden	89 (1.3)	▲
Ireland	87 (1.7)	▲
Finland	87 (1.3)	▲
Austria	87 (1.7)	▲
Singapore	86 (1.1)	▲
Slovenia	85 (1.9)	▲
Russian Federation	85 (1.6)	▲
Bulgaria	84 (1.8)	▲
Netherlands	84 (1.7)	▲
Macao SAR	84 (1.3)	▲
Denmark	84 (1.4)	▲
Germany	84 (1.5)	▲
Northern Ireland	84 (1.5)	▲
United States	84 (1.5)	▲
Australia	83 (1.8)	▲
Canada	83 (1.2)	▲
Portugal	83 (1.7)	▲
Belgium (Flemish)	82 (1.5)	▲
Poland	82 (1.6)	▲
Latvia	82 (1.7)	▲
France	82 (1.4)	▲
Italy	81 (1.6)	
England	80 (1.7)	
New Zealand	80 (1.4)	
Spain	79 (1.3)	
Hong Kong SAR	79 (2.2)	
Chinese Taipei	79 (1.7)	
Trinidad and Tobago	78 (2.1)	
International Avg.	78 (0.3)	
Slovak Republic	78 (1.9)	
Belgium (French)	77 (2.1)	
Chile	76 (2.0)	
Hungary	76 (1.7)	
Kazakhstan	74 (2.3)	
Azerbaijan	74 (1.9)	▼
Czech Republic	74 (1.9)	▼
Israel	74 (1.8)	▼
Georgia	70 (2.4)	▼
Malta	70 (1.8)	▼
United Arab Emirates	67 (1.2)	▼
Bahrain	65 (1.6)	▼
Qatar	64 (1.6)	▼
Oman	61 (1.6)	▼
Iran, Islamic Rep. of	55 (2.6)	▼
Saudi Arabia	51 (2.2)	▼
Morocco	50 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	91 (1.1)	▲
Norway (4)	87 (1.5)	▲
Quebec, Canada	85 (2.0)	▲
Ontario, Canada	82 (2.0)	▲
Dubai, UAE	78 (1.3)	
Madrid, Spain	78 (1.7)	
Buenos Aires, Argentina	76 (1.7)	
Andalusia, Spain	76 (2.1)	
Abu Dhabi, UAE	64 (2.5)	▼
Eng/Afr/Zulu - RSA (5)	62 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F03M (Flowers on the Roof): Reason Granny should move
Multiple Choice (Key is D)

Country	Percent Correct	
Sweden	93 (1.0)	▲
Ireland	92 (1.1)	▲
Chinese Taipei	92 (1.2)	▲
Norway (5)	91 (1.5)	▲
Hong Kong SAR	91 (1.3)	▲
Latvia	90 (1.4)	▲
Poland	89 (1.2)	▲
Denmark	88 (1.2)	▲
Macao SAR	88 (1.3)	▲
Finland	88 (1.4)	▲
Northern Ireland	87 (1.6)	▲
Germany	87 (1.2)	▲
Singapore	86 (1.3)	▲
Austria	86 (1.8)	▲
England	86 (1.5)	▲
Spain	85 (1.1)	▲
Canada	84 (1.2)	▲
Australia	83 (1.5)	▲
Russian Federation	83 (1.4)	▲
Kazakhstan	83 (1.7)	▲
Hungary	82 (1.8)	▲
Italy	82 (1.8)	▲
Netherlands	81 (1.8)	▲
United States	81 (1.6)	▲
Slovenia	81 (1.7)	▲
France	79 (1.7)	▲
New Zealand	79 (1.5)	▲
Bulgaria	77 (2.3)	
Czech Republic	77 (1.6)	
Belgium (Flemish)	77 (1.8)	
International Avg.	76 (0.2)	
Belgium (French)	74 (2.2)	
Trinidad and Tobago	74 (1.9)	
Israel	72 (1.9)	▼
Slovak Republic	71 (2.0)	▼
Portugal	70 (2.0)	▼
Chile	69 (2.0)	▼
Lithuania	68 (2.5)	▼
Iran, Islamic Rep. of	67 (2.6)	▼
Azerbaijan	67 (2.1)	▼
Georgia	56 (2.4)	▼
Malta	56 (1.9)	▼
United Arab Emirates	54 (1.3)	▼
Qatar	47 (1.3)	▼
Bahrain	46 (1.7)	▼
Saudi Arabia	44 (2.0)	▼
Oman	40 (1.9)	▼
Morocco	32 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	90 (1.3)	▲
Madrid, Spain	89 (1.5)	▲
Norway (4)	85 (1.7)	▲
Ontario, Canada	83 (2.2)	▲
Andalusia, Spain	82 (1.6)	▲
Quebec, Canada	81 (2.0)	▲
Buenos Aires, Argentina	72 (2.2)	
Dubai, UAE	71 (1.2)	▼
Eng/Afr/Zulu - RSA (5)	53 (2.5)	▼
Abu Dhabi, UAE	46 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F04M (Flowers on the Roof): Who offered to look after animals
Multiple Choice (Key is A)

Country	Percent Correct	
Sweden	95 (0.9)	▲
Italy	93 (1.1)	▲
Ireland	93 (1.0)	▲
Czech Republic	93 (1.0)	▲
Hong Kong SAR	93 (1.2)	▲
Austria	93 (1.0)	▲
Russian Federation	92 (1.2)	▲
Poland	91 (1.2)	▲
Denmark	91 (1.2)	▲
Northern Ireland	91 (1.4)	▲
Finland	91 (1.1)	▲
Latvia	91 (1.4)	▲
Chinese Taipei	90 (1.2)	▲
Slovenia	90 (1.4)	▲
England	90 (1.1)	▲
Macao SAR	90 (1.2)	▲
Norway (5)	90 (1.4)	▲
Germany	88 (1.3)	▲
Lithuania	88 (2.1)	▲
Australia	87 (1.5)	▲
Hungary	87 (1.8)	▲
Singapore	87 (1.0)	▲
Netherlands	87 (1.6)	▲
France	87 (1.5)	▲
Kazakhstan	87 (1.4)	▲
Belgium (Flemish)	86 (1.3)	▲
Canada	86 (1.3)	▲
Slovak Republic	86 (1.6)	▲
Bulgaria	86 (2.1)	▲
Portugal	85 (1.5)	▲
New Zealand	84 (1.2)	▲
Spain	83 (1.3)	▲
United States	83 (1.8)	▲
International Avg.	83 (0.2)	
Israel	82 (1.4)	▲
Georgia	82 (2.0)	▲
Azerbaijan	81 (1.9)	▲
Belgium (French)	80 (1.7)	▲
Chile	77 (1.9)	▼
Trinidad and Tobago	75 (1.8)	▼
Iran, Islamic Rep. of	72 (3.0)	▼
Malta	69 (1.8)	▼
Qatar	61 (1.5)	▼
United Arab Emirates	61 (1.4)	▼
Bahrain	59 (1.4)	▼
Oman	55 (1.6)	▼
Saudi Arabia	50 (1.9)	▼
Morocco	44 (2.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	95 (1.0)	▲
Madrid, Spain	89 (1.4)	▲
Quebec, Canada	88 (2.0)	▲
Ontario, Canada	87 (2.1)	▲
Andalusia, Spain	85 (1.4)	▲
Norway (4)	84 (1.7)	▲
Buenos Aires, Argentina	81 (2.0)	▲
Dubai, UAE	77 (1.4)	▼
Eng/Afr/Zulu - RSA (5)	56 (3.2)	▼
Abu Dhabi, UAE	53 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F05M (Flowers on the Roof): Granny was unhappy
Multiple Choice (Key is D)

Country	Percent Correct	
Poland	93 (1.1)	▲
Bulgaria	90 (1.5)	▲
Czech Republic	90 (1.3)	▲
Latvia	89 (1.5)	▲
Russian Federation	89 (1.2)	▲
Spain	87 (1.2)	▲
Kazakhstan	87 (1.4)	▲
Lithuania	86 (1.6)	▲
Norway (5)	85 (1.7)	▲
Portugal	83 (1.4)	▲
Hong Kong SAR	82 (1.7)	▲
Italy	82 (1.6)	▲
Slovak Republic	82 (1.7)	▲
Austria	82 (1.7)	▲
Finland	81 (1.9)	▲
Azerbaijan	81 (1.7)	▲
Hungary	79 (2.1)	▲
Sweden	78 (1.9)	▲
Chinese Taipei	77 (1.6)	▲
Israel	76 (1.5)	▲
Georgia	74 (2.0)	▲
Germany	74 (1.7)	▲
France	73 (2.1)	▲
Belgium (French)	71 (2.1)	▲
Denmark	69 (2.2)	
International Avg.	67 (0.3)	
Iran, Islamic Rep. of	67 (2.7)	
Ireland	67 (1.9)	
Netherlands	65 (2.3)	
Macao SAR	65 (1.8)	
Slovenia	64 (2.6)	
Singapore	63 (1.9)	▼
Canada	63 (1.4)	▼
Northern Ireland	62 (1.9)	▼
United States	59 (1.9)	▼
England	55 (1.8)	▼
Malta	55 (2.1)	▼
Australia	52 (2.2)	▼
Belgium (Flemish)	50 (1.7)	▼
New Zealand	49 (1.6)	▼
Chile	46 (2.0)	▼
Oman	42 (1.6)	▼
Qatar	37 (1.4)	▼
Morocco	36 (2.1)	▼
Trinidad and Tobago	32 (2.4)	▼
Saudi Arabia	32 (2.2)	▼
United Arab Emirates	27 (1.1)	▼
Bahrain	26 (1.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	95 (0.8)	▲
Madrid, Spain	92 (1.2)	▲
Andalusia, Spain	87 (1.5)	▲
Norway (4)	75 (1.8)	▲
Quebec, Canada	74 (2.2)	▲
Buenos Aires, Argentina	74 (1.9)	▲
Ontario, Canada	59 (2.7)	▼
Dubai, UAE	43 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.3)	▼
Abu Dhabi, UAE	18 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F06C (Flowers on the Roof): Granny screamed
Constructed Response (1 Point)

Country	Percent Correct	
Poland	80 (1.8)	▲
Ireland	79 (1.7)	▲
Norway (5)	77 (2.0)	▲
Northern Ireland	76 (1.9)	▲
Finland	73 (2.0)	▲
Russian Federation	73 (1.9)	▲
Denmark	73 (1.8)	▲
Slovenia	72 (2.0)	▲
Latvia	72 (1.7)	▲
Hungary	71 (2.3)	▲
Germany	71 (1.9)	▲
England	70 (1.6)	▲
Austria	68 (2.0)	▲
Sweden	67 (2.4)	▲
Bulgaria	67 (2.5)	▲
United States	67 (1.9)	▲
Czech Republic	67 (1.9)	▲
Belgium (Flemish)	66 (1.6)	▲
Portugal	66 (2.1)	▲
Australia	65 (1.8)	▲
Canada	63 (1.4)	▲
Netherlands	62 (2.0)	▲
Italy	62 (2.1)	▲
Chile	60 (2.4)	
Lithuania	59 (2.4)	
New Zealand	58 (1.7)	
Slovak Republic	57 (2.1)	
International Avg.	57 (0.3)	
Kazakhstan	57 (1.9)	
Singapore	54 (1.7)	
Israel	54 (1.9)	
Spain	51 (2.0)	▼
Iran, Islamic Rep. of	50 (2.7)	▼
France	49 (2.1)	▼
Georgia	46 (2.8)	▼
Belgium (French)	46 (2.2)	▼
Azerbaijan	45 (2.5)	▼
Hong Kong SAR	44 (2.6)	▼
Malta	44 (2.1)	▼
Trinidad and Tobago	43 (2.2)	▼
Macao SAR	43 (1.8)	▼
Chinese Taipei	41 (2.0)	▼
Saudi Arabia	41 (2.0)	▼
Bahrain	30 (1.4)	▼
United Arab Emirates	26 (1.2)	▼
Qatar	25 (1.5)	▼
Morocco	21 (1.9)	▼
Oman	20 (1.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	77 (1.6)	▲
Norway (4)	65 (2.3)	▲
Ontario, Canada	65 (2.4)	▲
Quebec, Canada	57 (2.2)	
Madrid, Spain	57 (2.0)	
Andalusia, Spain	46 (1.9)	▼
Dubai, UAE	44 (1.6)	▼
Buenos Aires, Argentina	38 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	23 (2.0)	▼
Abu Dhabi, UAE	17 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F07C (Flowers on the Roof): Granny crouched down
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	59 (1.6) ▲	70 (1.6) ▲
Ireland	52 (2.5) ▲	73 (2.4) ▲
Russian Federation	52 (2.0) ▲	66 (1.9) ▲
Austria	51 (2.0) ▲	65 (1.8) ▲
Northern Ireland	50 (2.1) ▲	74 (1.6) ▲
Hungary	50 (2.2) ▲	61 (2.3) ▲
Germany	50 (2.1) ▲	57 (2.2) ▲
Italy	49 (2.0) ▲	60 (2.1) ▲
Latvia	49 (2.3) ▲	74 (1.7) ▲
Australia	46 (2.0) ▲	64 (2.1) ▲
Denmark	45 (2.0) ▲	67 (2.0) ▲
Slovak Republic	45 (2.1) ▲	59 (1.8) ▲
Poland	44 (2.1) ▲	66 (2.2) ▲
Netherlands	43 (2.3) ▲	61 (2.0) ▲
United States	42 (2.3) ▲	61 (2.4) ▲
New Zealand	42 (1.8) ▲	59 (1.8) ▲
England	42 (1.8) ▲	63 (1.9) ▲
Portugal	41 (1.7) ▲	59 (1.9) ▲
Canada	41 (1.3) ▲	62 (1.6) ▲
Sweden	41 (2.0) ▲	60 (2.0) ▲
Spain	41 (1.4) ▲	57 (1.2) ▲
Belgium (French)	40 (1.7) ▲	51 (1.9)
France	40 (2.3)	54 (2.2)
Belgium (Flemish)	40 (1.7) ▲	57 (1.9) ▲
Czech Republic	38 (1.7)	52 (1.6)
Bulgaria	38 (2.0)	56 (2.3) ▲
Georgia	37 (2.4)	51 (2.5)
Israel	37 (1.9)	51 (2.1)
Lithuania	37 (2.0)	53 (1.9)
International Avg.	36 (0.3)	51 (0.3)
Finland	34 (1.9)	53 (2.2)
Macao SAR	31 (1.7) ▼	43 (1.8) ▼
Chinese Taipei	30 (1.8) ▼	37 (2.0) ▼
Slovenia	29 (1.9) ▼	45 (2.1) ▼
Singapore	27 (1.6) ▼	44 (1.7) ▼
Chile	27 (1.9) ▼	40 (2.0) ▼
Azerbaijan	27 (1.6) ▼	33 (1.8) ▼
Hong Kong SAR	26 (2.2) ▼	39 (2.2) ▼
Iran, Islamic Rep. of	24 (2.0) ▼	39 (2.3) ▼
Kazakhstan	24 (1.8) ▼	42 (2.2) ▼
Malta	23 (1.7) ▼	42 (2.0) ▼
Trinidad and Tobago	20 (1.7) ▼	36 (2.2) ▼
Saudi Arabia	14 (1.6) ▼	34 (2.3) ▼
Qatar	14 (0.9) ▼	25 (1.4) ▼
United Arab Emirates	13 (0.8) ▼	24 (0.9) ▼
Bahrain	13 (1.2) ▼	20 (1.3) ▼
Oman	12 (1.3) ▼	20 (1.1) ▼
Morocco	6 (1.0) ▼	10 (1.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	60 (2.2) ▲	80 (1.7) ▲
Norway (4)	48 (2.2) ▲	58 (2.6) ▲
Madrid, Spain	46 (2.4) ▲	62 (2.0) ▲
Ontario, Canada	41 (2.8)	59 (3.1) ▲
Andalusia, Spain	39 (1.9)	58 (2.0) ▲
Quebec, Canada	37 (2.2)	60 (2.8) ▲
Buenos Aires, Argentina	27 (2.3) ▼	37 (2.4) ▼
Dubai, UAE	22 (1.4) ▼	40 (1.9) ▼
Eng/Afr/Zulu - RSA (5)	10 (1.5) ▼	21 (2.4) ▼
Abu Dhabi, UAE	9 (1.3) ▼	19 (1.8) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R11F08C (Flowers on the Roof): Granny winked and grinned
Constructed Response (1 Point)

Country	Percent Correct	
Ireland	84 (1.6)	▲
Northern Ireland	81 (1.6)	▲
Finland	80 (1.7)	▲
Portugal	80 (1.5)	▲
Norway (5)	80 (1.8)	▲
Netherlands	79 (1.6)	▲
Poland	78 (1.9)	▲
Russian Federation	76 (1.7)	▲
Denmark	76 (1.8)	▲
Canada	75 (1.3)	▲
England	74 (1.6)	▲
Belgium (Flemish)	74 (2.1)	▲
Singapore	74 (1.5)	▲
Latvia	73 (2.2)	▲
Italy	73 (2.1)	▲
Germany	72 (1.6)	▲
Sweden	72 (2.1)	▲
Spain	72 (1.4)	▲
Czech Republic	71 (1.6)	▲
Hungary	70 (2.3)	▲
Chinese Taipei	69 (2.0)	▲
Australia	69 (2.2)	▲
United States	69 (1.8)	▲
France	68 (1.9)	▲
Hong Kong SAR	68 (2.3)	
Georgia	66 (2.2)	
Austria	66 (2.1)	
Slovak Republic	66 (1.8)	
Lithuania	66 (2.0)	
New Zealand	66 (1.7)	
Slovenia	65 (2.8)	
International Avg.	64 (0.3)	
Israel	64 (2.1)	
Bulgaria	61 (2.1)	
Belgium (French)	60 (2.0)	▼
Chile	59 (2.2)	▼
Macao SAR	57 (1.9)	▼
Kazakhstan	55 (2.0)	▼
Azerbaijan	51 (2.6)	▼
Malta	51 (1.9)	▼
Trinidad and Tobago	50 (2.3)	▼
Iran, Islamic Rep. of	48 (2.8)	▼
Saudi Arabia	41 (2.4)	▼
Bahrain	36 (2.1)	▼
Qatar	35 (1.5)	▼
United Arab Emirates	35 (1.5)	▼
Oman	34 (1.7)	▼
Morocco	23 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	85 (1.4)	▲
Quebec, Canada	80 (1.8)	▲
Madrid, Spain	79 (1.9)	▲
Ontario, Canada	72 (2.2)	▲
Andalusia, Spain	65 (2.1)	
Norway (4)	65 (2.1)	
Buenos Aires, Argentina	56 (2.3)	▼
Dubai, UAE	54 (1.5)	▼
Abu Dhabi, UAE	28 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	25 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F09C (Flowers on the Roof): Granny made new flat like home
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Austria	87 (1.5) ▲	96 (0.8) ▲
Poland	85 (1.4) ▲	95 (0.9) ▲
Latvia	82 (1.8) ▲	96 (0.9) ▲
Belgium (Flemish)	82 (1.5) ▲	95 (0.7) ▲
Ireland	82 (1.9) ▲	95 (1.0) ▲
Czech Republic	82 (1.4) ▲	94 (1.0) ▲
Netherlands	81 (1.8) ▲	94 (1.0) ▲
Norway (5)	81 (1.9) ▲	95 (1.0) ▲
Finland	80 (1.4) ▲	91 (1.1) ▲
Russian Federation	80 (1.6) ▲	91 (1.1) ▲
Northern Ireland	80 (1.9) ▲	92 (1.2) ▲
Hungary	80 (1.9) ▲	94 (1.3) ▲
Sweden	79 (2.1) ▲	93 (1.2) ▲
Denmark	79 (1.6) ▲	91 (1.3) ▲
Slovenia	75 (2.0) ▲	90 (1.3) ▲
Slovak Republic	75 (1.7) ▲	90 (1.4) ▲
Portugal	74 (1.8) ▲	90 (1.5) ▲
Australia	73 (1.7) ▲	89 (1.3) ▲
Lithuania	73 (1.7) ▲	92 (1.7) ▲
Canada	72 (1.4) ▲	90 (0.9) ▲
United States	71 (2.2) ▲	88 (1.6) ▲
Italy	69 (2.1) ▲	85 (1.6) ▲
England	68 (1.9) ▲	87 (1.4) ▲
Germany	68 (2.0) ▲	82 (1.7) ▲
Bulgaria	68 (2.3) ▲	87 (1.5) ▲
Chinese Taipei	67 (1.7) ▲	87 (1.7) ▲
New Zealand	66 (1.8) ▲	84 (1.3) ▲
Spain	66 (1.5) ▲	87 (1.1) ▲
Belgium (French)	64 (2.0) ▲	84 (1.6) ▲
International Avg.	63 (0.3)	82 (0.2)
Singapore	63 (1.7) ▲	86 (1.2) ▲
France	63 (2.3) ▲	88 (1.2) ▲
Israel	62 (2.0) ▲	84 (1.3) ▲
Hong Kong SAR	57 (2.4) ▼	88 (1.6) ▲
Chile	57 (2.1) ▼	77 (2.0) ▼
Kazakhstan	56 (1.8) ▼	82 (1.6) ▲
Macao SAR	53 (2.1) ▼	87 (1.2) ▲
Georgia	51 (2.3) ▼	75 (2.0) ▼
Trinidad and Tobago	49 (2.0) ▼	74 (2.1) ▼
Malta	46 (2.1) ▼	66 (2.0) ▼
Iran, Islamic Rep. of	39 (2.6) ▼	55 (3.0) ▼
Azerbaijan	38 (2.1) ▼	68 (2.5) ▼
Saudi Arabia	32 (2.4) ▼	59 (2.5) ▼
United Arab Emirates	31 (1.5) ▼	56 (1.6) ▼
Bahrain	31 (1.6) ▼	64 (1.5) ▼
Qatar	29 (1.5) ▼	49 (1.2) ▼
Oman	21 (1.4) ▼	46 (1.7) ▼
Morocco	16 (1.8) ▼	37 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.4) ▲	97 (0.6) ▲
Madrid, Spain	73 (2.3) ▲	92 (1.1) ▲
Norway (4)	72 (2.1) ▲	89 (1.5) ▲
Ontario, Canada	70 (2.3) ▲	90 (1.5) ▲
Quebec, Canada	69 (3.0) ▲	85 (2.1) ▲
Andalusia, Spain	60 (2.1) ▲	84 (1.5) ▲
Dubai, UAE	51 (1.3) ▼	76 (1.2) ▼
Buenos Aires, Argentina	48 (2.8) ▼	71 (2.5) ▼
Abu Dhabi, UAE	23 (1.8) ▼	47 (2.7) ▼
Eng/Afr/Zulu - RSA (5)	22 (2.5) ▼	42 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F10C (Flowers on the Roof): How Granny feels at end of story
Constructed Response (1 Point)

Country	Percent Correct	
Austria	96 (0.8)	▲
Ireland	95 (1.0)	▲
Norway (5)	95 (1.0)	▲
Finland	94 (0.9)	▲
Denmark	94 (1.0)	▲
Poland	94 (1.1)	▲
Northern Ireland	94 (1.2)	▲
Netherlands	94 (1.0)	▲
England	93 (0.9)	▲
Czech Republic	93 (1.0)	▲
Germany	93 (1.0)	▲
Spain	92 (0.8)	▲
Latvia	92 (1.4)	▲
Hong Kong SAR	92 (1.3)	▲
Canada	92 (0.8)	▲
Australia	92 (0.9)	▲
United States	92 (1.2)	▲
Belgium (Flemish)	91 (1.1)	▲
Singapore	90 (0.9)	▲
Slovak Republic	90 (1.4)	▲
Russian Federation	90 (1.4)	▲
Portugal	88 (1.3)	▲
Hungary	88 (1.7)	▲
New Zealand	88 (1.5)	▲
Italy	87 (1.6)	▲
Slovenia	87 (1.8)	▲
Bulgaria	86 (1.5)	▲
France	86 (1.5)	▲
Israel	86 (1.4)	▲
Chile	86 (1.5)	
Belgium (French)	84 (1.6)	
International Avg.	83 (0.2)	
Lithuania	83 (1.9)	
Trinidad and Tobago	82 (1.9)	
Chinese Taipei	81 (1.6)	
Macao SAR	78 (1.5)	▼
Sweden	77 (1.8)	▼
Malta	73 (1.8)	▼
Georgia	71 (1.8)	▼
Kazakhstan	70 (2.0)	▼
United Arab Emirates	67 (1.4)	▼
Iran, Islamic Rep. of	66 (2.5)	▼
Bahrain	62 (1.5)	▼
Qatar	60 (1.3)	▼
Oman	58 (1.9)	▼
Saudi Arabia	57 (2.4)	▼
Azerbaijan	55 (2.3)	▼
Morocco	34 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.7)	▲
Madrid, Spain	94 (1.0)	▲
Ontario, Canada	93 (1.4)	▲
Norway (4)	92 (0.9)	▲
Andalusia, Spain	89 (1.2)	▲
Quebec, Canada	89 (1.7)	▲
Buenos Aires, Argentina	82 (2.2)	
Dubai, UAE	79 (1.6)	▼
Abu Dhabi, UAE	61 (2.6)	▼
Eng/Afr/Zulu - RSA (5)	51 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F11M (Flowers on the Roof): Purpose of last line of story
Multiple Choice (Key is A)

Country	Percent Correct	
Northern Ireland	79 (2.1)	▲
Ireland	79 (2.0)	▲
United States	77 (1.9)	▲
Netherlands	75 (2.2)	▲
Sweden	74 (2.0)	▲
Belgium (Flemish)	74 (1.7)	▲
Denmark	73 (2.2)	▲
England	73 (1.7)	▲
Latvia	72 (2.3)	▲
Bulgaria	71 (2.2)	▲
Australia	70 (1.7)	▲
Singapore	69 (1.6)	▲
Russian Federation	69 (2.2)	▲
Canada	69 (1.4)	▲
Italy	69 (1.9)	▲
Czech Republic	68 (1.8)	▲
Hong Kong SAR	68 (2.1)	▲
Slovak Republic	68 (1.6)	▲
Austria	66 (1.9)	▲
New Zealand	64 (1.9)	▲
Portugal	64 (2.0)	▲
Malta	64 (1.9)	▲
Lithuania	63 (2.6)	
Poland	62 (2.4)	
Germany	62 (2.2)	
Spain	61 (1.6)	
Georgia	60 (2.3)	
Macao SAR	60 (1.8)	
International Avg.	59 (0.3)	
Kazakhstan	58 (2.1)	
Finland	57 (2.1)	
Belgium (French)	55 (2.5)	
Slovenia	54 (2.1)	▼
Israel	53 (2.1)	▼
Chinese Taipei	53 (2.1)	▼
Hungary	53 (2.2)	▼
Norway (5)	51 (2.2)	▼
Chile	50 (2.2)	▼
Azerbaijan	44 (1.9)	▼
France	42 (2.1)	▼
United Arab Emirates	40 (1.0)	▼
Iran, Islamic Rep. of	39 (2.3)	▼
Qatar	38 (1.8)	▼
Bahrain	38 (1.7)	▼
Saudi Arabia	37 (1.8)	▼
Trinidad and Tobago	36 (1.9)	▼
Oman	34 (1.7)	▼
Morocco	23 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	76 (1.8)	▲
Ontario, Canada	68 (2.3)	▲
Madrid, Spain	66 (2.0)	▲
Quebec, Canada	64 (2.5)	
Andalusia, Spain	56 (2.4)	
Dubai, UAE	55 (1.5)	▼
Buenos Aires, Argentina	49 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	39 (2.7)	▼
Norway (4)	38 (1.9)	▼
Abu Dhabi, UAE	34 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11F12C (Flowers on the Roof): Little boy's feelings
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Slovenia	47 (2.1) ▲	64 (1.6) ▲
Latvia	44 (2.3) ▲	75 (2.0) ▲
Hong Kong SAR	43 (2.8) ▲	57 (2.7) ▲
Ireland	41 (1.9) ▲	59 (2.0) ▲
Germany	40 (2.2) ▲	53 (2.2) ▲
Bulgaria	40 (2.4) ▲	69 (2.3) ▲
Sweden	40 (2.6) ▲	61 (2.4) ▲
Russian Federation	38 (2.0) ▲	60 (2.1) ▲
Austria	38 (2.2) ▲	58 (2.1) ▲
Norway (5)	38 (2.5) ▲	58 (2.3) ▲
Denmark	37 (2.3) ▲	58 (2.0) ▲
Poland	36 (1.9) ▲	52 (2.1) ▲
England	36 (1.7) ▲	47 (1.9)
Macao SAR	35 (1.7) ▲	54 (1.8) ▲
Northern Ireland	34 (1.9) ▲	56 (2.4) ▲
Israel	33 (2.3) ▲	54 (2.1) ▲
Portugal	33 (1.7) ▲	44 (1.7)
Singapore	32 (1.7) ▲	55 (1.8) ▲
Slovak Republic	32 (2.0) ▲	42 (1.9)
Hungary	32 (1.8) ▲	44 (1.9)
Canada	31 (1.3) ▲	51 (1.6) ▲
Spain	30 (1.6) ▲	49 (1.4) ▲
United States	30 (2.1)	53 (2.2) ▲
Australia	30 (1.7)	48 (1.9)
Chinese Taipei	28 (2.1)	42 (2.1)
Italy	27 (2.1)	37 (2.3) ▼
International Avg.	27 (0.3)	45 (0.3)
Lithuania	27 (1.8)	39 (2.1) ▼
Kazakhstan	25 (1.9)	60 (2.1) ▲
New Zealand	24 (1.4)	40 (1.7) ▼
Netherlands	24 (1.8)	50 (2.4) ▲
Finland	22 (1.8) ▼	43 (2.0)
Georgia	22 (1.7) ▼	52 (2.1) ▲
Malta	19 (1.5) ▼	30 (1.8) ▼
France	18 (1.7) ▼	32 (2.1) ▼
Czech Republic	18 (1.6) ▼	53 (2.1) ▲
Belgium (Flemish)	17 (1.6) ▼	33 (2.1) ▼
United Arab Emirates	16 (0.9) ▼	27 (1.3) ▼
Bahrain	16 (1.4) ▼	34 (1.7) ▼
Saudi Arabia	16 (1.5) ▼	37 (2.1) ▼
Belgium (French)	16 (1.5) ▼	27 (1.9) ▼
Qatar	15 (1.2) ▼	27 (1.3) ▼
Trinidad and Tobago	14 (1.6) ▼	38 (2.1) ▼
Chile	13 (1.6) ▼	21 (1.8) ▼
Oman	10 (1.1) ▼	23 (1.4) ▼
Iran, Islamic Rep. of	9 (1.6) ▼	20 (2.0) ▼
Azerbaijan	6 (1.1) ▼	27 (1.6) ▼
Morocco	4 (0.9) ▼	17 (1.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	57 (2.3) ▲	76 (1.8) ▲
Madrid, Spain	41 (2.5) ▲	59 (2.0) ▲
Ontario, Canada	39 (2.8) ▲	60 (2.9) ▲
Dubai, UAE	29 (1.8)	44 (2.0)
Norway (4)	27 (1.9)	45 (2.2)
Andalusia, Spain	24 (1.9)	43 (1.8)
Buenos Aires, Argentina	20 (1.7) ▼	36 (2.1) ▼
Quebec, Canada	14 (1.7) ▼	32 (2.3) ▼
Abu Dhabi, UAE	12 (1.4) ▼	20 (1.8) ▼
Eng/Afr/Zulu - RSA (5)	9 (1.7) ▼	25 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R11F13M (Flowers on the Roof): Lesson learned from story
Multiple Choice (Key is B)

Country	Percent Correct	
United States	87 (1.5)	▲
Russian Federation	87 (1.5)	▲
Australia	86 (1.4)	▲
Ireland	86 (1.6)	▲
Northern Ireland	86 (1.8)	▲
Norway (5)	86 (1.7)	▲
Chinese Taipei	85 (1.5)	▲
Finland	85 (1.4)	▲
Hong Kong SAR	85 (1.9)	▲
England	85 (1.4)	▲
Singapore	83 (1.2)	▲
Netherlands	83 (2.0)	▲
Macao SAR	82 (1.6)	▲
Canada	82 (1.5)	▲
Slovenia	81 (1.8)	▲
Italy	81 (1.5)	▲
Latvia	79 (1.9)	▲
Austria	79 (1.8)	▲
Denmark	78 (1.8)	▲
Spain	77 (1.4)	▲
Israel	77 (1.7)	▲
Poland	77 (1.6)	▲
Hungary	76 (2.1)	▲
New Zealand	76 (1.9)	▲
Belgium (Flemish)	76 (1.7)	▲
Sweden	75 (2.0)	▲
Germany	74 (1.8)	
Czech Republic	72 (1.8)	
International Avg.	70 (0.3)	
Slovak Republic	67 (2.1)	
Trinidad and Tobago	66 (2.1)	▼
Bulgaria	64 (2.4)	▼
Lithuania	64 (2.1)	▼
Belgium (French)	64 (1.8)	▼
Portugal	63 (1.8)	▼
Kazakhstan	61 (2.2)	▼
Malta	59 (2.0)	▼
Iran, Islamic Rep. of	56 (2.8)	▼
United Arab Emirates	54 (1.5)	▼
Chile	53 (2.2)	▼
France	52 (2.5)	▼
Georgia	50 (2.5)	▼
Azerbaijan	49 (2.2)	▼
Saudi Arabia	48 (2.1)	▼
Qatar	47 (1.4)	▼
Oman	46 (1.7)	▼
Bahrain	43 (1.7)	▼
Morocco	33 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Ontario, Canada	85 (1.7)	▲
Madrid, Spain	80 (1.6)	▲
Quebec, Canada	75 (2.0)	▲
Andalusia, Spain	73 (2.2)	
Norway (4)	73 (2.3)	
Dubai, UAE	68 (1.5)	
Buenos Aires, Argentina	51 (2.5)	▼
Abu Dhabi, UAE	46 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	41 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B01C (Pemba Sherpa): What is Pemba's dream
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	98 (0.4)	▲
Macao SAR	98 (0.4)	▲
Russian Federation	98 (0.5)	▲
Hong Kong SAR	98 (0.7)	▲
Poland	97 (0.7)	▲
Sweden	97 (0.6)	▲
England	97 (0.7)	▲
Lithuania	97 (0.9)	▲
Norway (5)	96 (0.9)	▲
Canada	96 (0.5)	▲
Northern Ireland	96 (1.0)	▲
Kazakhstan	96 (0.6)	▲
Israel	96 (0.9)	▲
Chinese Taipei	96 (0.9)	▲
United States	95 (1.0)	▲
Ireland	95 (1.3)	▲
Finland	95 (0.8)	▲
Portugal	95 (0.9)	▲
Denmark	95 (1.0)	▲
Italy	94 (0.8)	▲
France	94 (1.1)	▲
Belgium (French)	94 (0.9)	▲
Netherlands	94 (1.0)	▲
Slovenia	94 (1.1)	▲
Belgium (Flemish)	94 (0.8)	▲
Latvia	94 (0.9)	
Hungary	93 (1.1)	
Slovak Republic	93 (1.0)	
Bulgaria	93 (1.4)	
Australia	93 (0.8)	
Spain	93 (1.1)	
Chile	93 (1.1)	
Trinidad and Tobago	92 (1.3)	
Czech Republic	92 (1.0)	
International Avg.	92 (0.2)	
Austria	92 (1.1)	
New Zealand	91 (1.1)	
Germany	90 (1.5)	
Bahrain	87 (1.1)	▼
United Arab Emirates	86 (0.9)	▼
Qatar	86 (0.9)	▼
Oman	84 (1.2)	▼
Malta	84 (1.5)	▼
Saudi Arabia	82 (1.6)	▼
Iran, Islamic Rep. of	79 (2.0)	▼
Georgia	76 (1.7)	▼
Azerbaijan	74 (2.1)	▼
Morocco	74 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	99 (0.5)	▲
Quebec, Canada	97 (0.9)	▲
Ontario, Canada	97 (0.8)	▲
Dubai, UAE	95 (0.6)	▲
Madrid, Spain	94 (1.0)	▲
Andalusia, Spain	93 (1.2)	
Norway (4)	92 (1.3)	
Buenos Aires, Argentina	91 (1.3)	
Eng/Afr/Zulu - RSA (5)	86 (1.6)	▼
Abu Dhabi, UAE	82 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B02M (Pemba Sherpa): Why does Pemba have to get up early
Multiple Choice (Key is D)

Country	Percent Correct	
Netherlands	99 (0.4)	▲
Latvia	99 (0.5)	▲
Italy	99 (0.5)	▲
Lithuania	99 (0.6)	▲
Austria	99 (0.3)	▲
Singapore	99 (0.4)	▲
Russian Federation	98 (0.5)	▲
Poland	98 (0.5)	▲
Finland	98 (0.4)	▲
United States	98 (0.6)	▲
England	98 (0.5)	▲
Hungary	98 (0.8)	▲
Germany	98 (0.7)	▲
Northern Ireland	98 (0.6)	▲
Canada	98 (0.4)	▲
Hong Kong SAR	98 (0.7)	▲
Belgium (Flemish)	97 (0.5)	▲
Czech Republic	97 (0.4)	▲
Sweden	97 (0.6)	▲
Belgium (French)	97 (0.6)	▲
Denmark	97 (0.8)	▲
Australia	97 (0.6)	▲
Chinese Taipei	97 (0.7)	▲
Spain	97 (0.4)	▲
Ireland	97 (1.0)	▲
Slovenia	97 (0.8)	▲
Chile	96 (0.7)	▲
Norway (5)	96 (0.9)	▲
Bulgaria	96 (0.9)	▲
France	96 (0.9)	
Portugal	96 (0.8)	
Israel	96 (0.9)	
Kazakhstan	95 (0.7)	
Slovak Republic	95 (1.1)	
Macao SAR	95 (1.0)	
Georgia	95 (0.9)	
New Zealand	94 (0.9)	
International Avg.	94 (0.1)	
Trinidad and Tobago	92 (1.3)	▼
Azerbaijan	90 (1.3)	▼
Qatar	87 (1.0)	▼
United Arab Emirates	86 (0.8)	▼
Malta	86 (1.3)	▼
Bahrain	86 (1.2)	▼
Iran, Islamic Rep. of	81 (3.0)	▼
Oman	80 (1.5)	▼
Morocco	77 (2.1)	▼
Saudi Arabia	76 (2.0)	▼
Benchmarking Participants		
Quebec, Canada	100 (0.1)	▲
Moscow City, Russian Fed.	99 (0.5)	▲
Madrid, Spain	98 (0.6)	▲
Ontario, Canada	98 (0.6)	▲
Andalusia, Spain	96 (0.9)	▲
Dubai, UAE	93 (0.8)	
Norway (4)	93 (1.2)	
Buenos Aires, Argentina	85 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	85 (1.7)	▼
Abu Dhabi, UAE	81 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B03M (Pemba Sherpa): Why does Yang Ki want to carry wood
Multiple Choice (Key is C)

Country	Percent Correct	
Sweden	99 (0.5)	▲
Netherlands	99 (0.4)	▲
Austria	98 (0.5)	▲
Latvia	98 (0.6)	▲
Poland	98 (0.8)	▲
Belgium (Flemish)	98 (0.5)	▲
Lithuania	97 (0.7)	▲
Germany	97 (0.7)	▲
Finland	97 (0.4)	▲
Slovenia	97 (0.8)	▲
Czech Republic	97 (0.8)	▲
Ireland	97 (0.8)	▲
Norway (5)	97 (0.9)	▲
Denmark	97 (0.8)	▲
Belgium (French)	97 (0.8)	▲
Israel	96 (1.1)	▲
England	96 (0.7)	▲
Portugal	96 (0.9)	▲
Northern Ireland	96 (0.9)	▲
Russian Federation	96 (1.0)	▲
Slovak Republic	95 (1.0)	
Italy	95 (1.0)	
Singapore	95 (0.8)	
Bulgaria	95 (1.0)	
France	94 (1.1)	
Canada	94 (0.7)	
Hungary	94 (0.9)	
Georgia	94 (1.0)	
Hong Kong SAR	94 (1.1)	
International Avg.	93 (0.2)	
Spain	93 (1.0)	
United States	93 (1.0)	
Macao SAR	93 (1.0)	
Chinese Taipei	93 (1.0)	
New Zealand	92 (1.3)	
Australia	92 (1.0)	
Chile	91 (1.3)	
Kazakhstan	90 (1.1)	▼
Qatar	89 (1.1)	▼
Malta	89 (1.3)	▼
United Arab Emirates	88 (1.0)	▼
Bahrain	88 (1.0)	▼
Oman	87 (1.0)	▼
Trinidad and Tobago	87 (1.5)	▼
Azerbaijan	85 (1.6)	▼
Iran, Islamic Rep. of	83 (2.6)	▼
Saudi Arabia	83 (1.5)	▼
Morocco	79 (1.9)	▼
Benchmarking Participants		
Quebec, Canada	98 (0.8)	▲
Moscow City, Russian Fed.	98 (0.6)	▲
Norway (4)	96 (1.0)	▲
Madrid, Spain	94 (0.9)	
Andalusia, Spain	94 (1.1)	
Dubai, UAE	93 (1.2)	
Ontario, Canada	93 (1.3)	
Buenos Aires, Argentina	91 (1.2)	
Abu Dhabi, UAE	85 (1.7)	▼
Eng/Afr/Zulu - RSA (5)	84 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B04C (Pemba Sherpa): What does Yang Ki say that makes Pemba laugh
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	95 (1.0)	▲
Singapore	92 (0.9)	▲
Chinese Taipei	91 (1.1)	▲
Macao SAR	91 (1.2)	▲
Northern Ireland	90 (1.2)	▲
Russian Federation	89 (1.3)	▲
Norway (5)	88 (1.3)	▲
Denmark	88 (1.7)	▲
Lithuania	88 (1.8)	▲
Sweden	87 (1.4)	▲
England	87 (1.2)	▲
Kazakhstan	86 (1.4)	▲
Ireland	86 (1.8)	▲
Czech Republic	85 (1.6)	▲
Canada	85 (1.0)	▲
Poland	85 (1.7)	▲
United States	83 (1.7)	▲
Slovenia	82 (1.7)	▲
Slovak Republic	82 (1.5)	▲
Finland	82 (1.5)	▲
France	81 (1.6)	▲
Australia	81 (1.4)	▲
Germany	80 (2.2)	
Israel	80 (1.6)	
Belgium (Flemish)	78 (1.8)	
Spain	78 (1.6)	
International Avg.	77 (0.3)	
Trinidad and Tobago	76 (1.9)	
Portugal	76 (1.6)	
Belgium (French)	76 (2.0)	
Netherlands	76 (1.9)	
New Zealand	76 (1.7)	
Chile	74 (1.9)	
Italy	74 (1.8)	
Georgia	74 (1.6)	▼
Azerbaijan	73 (2.0)	▼
Iran, Islamic Rep. of	71 (2.6)	▼
Bulgaria	70 (2.8)	▼
Qatar	69 (1.4)	▼
Hungary	66 (2.1)	▼
Saudi Arabia	66 (2.2)	▼
Bahrain	66 (1.9)	▼
United Arab Emirates	66 (1.4)	▼
Oman	61 (1.5)	▼
Austria	61 (2.4)	▼
Malta	55 (2.2)	▼
Morocco	51 (2.6)	▼
Latvia	41 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	95 (0.9)	▲
Quebec, Canada	86 (2.0)	▲
Ontario, Canada	85 (1.8)	▲
Madrid, Spain	82 (1.7)	▲
Norway (4)	81 (1.8)	
Dubai, UAE	80 (1.2)	▲
Andalusia, Spain	76 (1.8)	
Buenos Aires, Argentina	73 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	63 (2.4)	▼
Abu Dhabi, UAE	59 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B05M (Pemba Sherpa): How does Pemba know Yang KI is following him
Multiple Choice (Key is C)

Country	Percent Correct	
Russian Federation	97 (0.6)	▲
Poland	95 (0.9)	▲
Singapore	95 (0.7)	▲
Macao SAR	94 (1.0)	▲
Latvia	94 (1.0)	▲
Sweden	93 (1.0)	▲
Lithuania	93 (1.2)	▲
Italy	92 (1.2)	▲
Netherlands	92 (1.4)	▲
Hong Kong SAR	92 (1.2)	▲
Czech Republic	92 (1.1)	▲
Spain	91 (1.0)	▲
Austria	91 (1.2)	▲
United States	91 (1.2)	▲
Norway (5)	91 (1.4)	▲
Germany	91 (1.1)	▲
Northern Ireland	91 (1.4)	▲
Ireland	90 (1.4)	▲
Slovak Republic	90 (1.3)	▲
Belgium (Flemish)	90 (1.2)	▲
Kazakhstan	90 (1.2)	▲
Hungary	89 (1.1)	▲
Denmark	89 (1.3)	▲
Bulgaria	89 (1.4)	▲
England	89 (1.1)	▲
Finland	89 (1.3)	▲
Slovenia	89 (1.3)	
Portugal	88 (1.3)	
Israel	88 (1.5)	
Chinese Taipei	87 (1.5)	
Chile	86 (1.4)	
International Avg.	86 (0.2)	
Australia	86 (1.1)	
France	85 (1.5)	
Canada	84 (1.1)	
New Zealand	83 (1.4)	▼
Azerbaijan	83 (1.7)	
Belgium (French)	81 (1.7)	▼
Trinidad and Tobago	81 (1.9)	▼
Georgia	79 (1.7)	▼
Bahrain	77 (1.6)	▼
Malta	77 (1.9)	▼
Qatar	73 (1.4)	▼
United Arab Emirates	73 (1.2)	▼
Oman	70 (1.5)	▼
Morocco	70 (2.4)	▼
Saudi Arabia	69 (2.0)	▼
Iran, Islamic Rep. of	67 (3.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	99 (0.4)	▲
Madrid, Spain	94 (1.2)	▲
Andalusia, Spain	90 (1.7)	▲
Quebec, Canada	87 (1.9)	
Norway (4)	87 (1.4)	
Dubai, UAE	86 (1.3)	
Ontario, Canada	84 (1.7)	
Buenos Aires, Argentina	76 (1.7)	▼
Eng/Afr/Zulu - RSA (5)	75 (2.2)	▼
Abu Dhabi, UAE	64 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B06M (Pemba Sherpa): What makes Pemba fall
Multiple Choice (Key is A)

Country	Percent Correct	
Belgium (Flemish)	95 (0.8)	▲
Hungary	94 (1.0)	▲
Czech Republic	94 (0.9)	▲
Poland	94 (0.9)	▲
Austria	94 (1.1)	▲
Macao SAR	93 (0.8)	▲
Russian Federation	93 (1.0)	▲
Netherlands	93 (1.3)	▲
France	92 (1.1)	▲
Slovenia	92 (1.1)	▲
Sweden	92 (1.1)	▲
Denmark	92 (1.3)	▲
Norway (5)	91 (1.2)	▲
Germany	91 (1.5)	▲
Belgium (French)	91 (1.2)	▲
Finland	90 (1.5)	▲
Chinese Taipei	89 (1.3)	▲
Lithuania	89 (1.7)	▲
Italy	89 (1.3)	▲
Singapore	88 (1.1)	▲
Portugal	88 (1.3)	▲
Slovak Republic	86 (1.5)	▲
Bulgaria	84 (1.5)	
Georgia	84 (1.6)	
Israel	83 (1.3)	
International Avg.	83 (0.2)	
Latvia	83 (1.5)	
Ireland	82 (1.8)	
England	81 (1.5)	
Northern Ireland	81 (1.7)	
Canada	81 (1.4)	
Kazakhstan	80 (1.6)	▼
Malta	80 (1.7)	
Azerbaijan	80 (1.7)	▼
Bahrain	78 (2.0)	▼
Iran, Islamic Rep. of	78 (2.1)	▼
Hong Kong SAR	78 (2.0)	▼
United States	77 (1.7)	▼
Australia	77 (1.6)	▼
Spain	76 (1.6)	▼
Qatar	76 (1.1)	▼
New Zealand	75 (1.4)	▼
United Arab Emirates	74 (1.0)	▼
Trinidad and Tobago	73 (1.8)	▼
Morocco	71 (2.2)	▼
Saudi Arabia	59 (2.1)	▼
Oman	57 (1.8)	▼
Chile	54 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.0)	▲
Norway (4)	91 (1.3)	▲
Quebec, Canada	86 (1.8)	
Ontario, Canada	80 (1.8)	
Dubai, UAE	79 (1.7)	▼
Madrid, Spain	77 (2.0)	▼
Andalusia, Spain	74 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	70 (2.2)	▼
Buenos Aires, Argentina	69 (2.1)	▼
Abu Dhabi, UAE	69 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B07C (Pemba Sherpa): What stops Pemba from falling off the edge
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	96 (0.9)	▲
Hungary	95 (1.0)	▲
Singapore	93 (0.8)	▲
Northern Ireland	90 (1.2)	▲
Latvia	89 (1.6)	▲
England	89 (1.1)	▲
Slovenia	88 (1.3)	▲
Poland	88 (1.4)	▲
Ireland	87 (1.4)	▲
Australia	86 (1.4)	▲
Czech Republic	86 (1.4)	▲
Kazakhstan	86 (1.4)	▲
Norway (5)	86 (1.6)	▲
Sweden	85 (1.4)	▲
United States	85 (1.5)	▲
Canada	85 (1.0)	▲
Finland	85 (1.4)	▲
Hong Kong SAR	85 (1.8)	▲
Spain	84 (1.3)	▲
Slovak Republic	83 (1.4)	▲
Bulgaria	83 (1.7)	▲
New Zealand	82 (1.8)	▲
Macao SAR	80 (1.7)	
Germany	80 (2.5)	
Italy	79 (1.7)	
Chile	79 (1.6)	
France	79 (1.9)	
Chinese Taipei	79 (1.6)	
Denmark	79 (1.8)	
Austria	78 (2.0)	
Georgia	78 (2.0)	
Lithuania	77 (2.1)	
Portugal	77 (1.6)	
International Avg.	77 (0.2)	
Trinidad and Tobago	75 (1.9)	
Belgium (French)	75 (1.7)	
Netherlands	69 (2.1)	▼
Iran, Islamic Rep. of	69 (2.8)	▼
Israel	66 (2.0)	▼
Azerbaijan	63 (1.9)	▼
Belgium (Flemish)	59 (2.0)	▼
Bahrain	59 (1.9)	▼
Oman	58 (1.5)	▼
Qatar	57 (1.2)	▼
United Arab Emirates	57 (1.6)	▼
Saudi Arabia	50 (1.8)	▼
Malta	45 (1.7)	▼
Morocco	38 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.6)	▲
Madrid, Spain	86 (1.3)	▲
Quebec, Canada	85 (2.2)	▲
Ontario, Canada	85 (1.6)	▲
Andalusia, Spain	83 (1.6)	▲
Buenos Aires, Argentina	78 (1.9)	
Dubai, UAE	76 (1.2)	
Norway (4)	75 (1.7)	
Eng/Afr/Zulu - RSA (5)	55 (2.7)	▼
Abu Dhabi, UAE	48 (2.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B08C (Pemba Sherpa): Why does Yang Ki get a long bamboo pole
Constructed Response (1 Point)

Country	Percent Correct	
Poland	98 (0.7)	▲
Finland	95 (0.9)	▲
Norway (5)	95 (1.0)	▲
Russian Federation	93 (1.0)	▲
Slovenia	92 (1.2)	▲
Netherlands	92 (1.2)	▲
Chile	92 (1.6)	▲
Ireland	91 (1.4)	▲
Sweden	91 (1.2)	▲
Canada	91 (0.7)	▲
Czech Republic	90 (1.2)	▲
Latvia	90 (1.4)	▲
Austria	90 (1.2)	▲
Chinese Taipei	90 (1.3)	▲
Australia	90 (1.4)	▲
United States	90 (1.3)	▲
Northern Ireland	89 (1.2)	▲
England	89 (1.1)	▲
Portugal	89 (1.3)	▲
Denmark	89 (1.6)	▲
Spain	89 (0.8)	▲
Germany	88 (1.7)	▲
Italy	88 (1.5)	▲
Lithuania	87 (1.9)	▲
France	87 (1.5)	▲
New Zealand	87 (1.2)	▲
Hong Kong SAR	87 (1.9)	▲
Belgium (Flemish)	87 (1.1)	▲
Hungary	86 (1.8)	▲
Kazakhstan	86 (1.7)	▲
Georgia	85 (1.9)	▲
Singapore	85 (1.4)	▲
Slovak Republic	85 (1.8)	▲
Belgium (French)	84 (1.6)	▲
Bulgaria	84 (2.3)	▲
International Avg.	82 (0.2)	
Israel	80 (1.6)	
Malta	76 (1.6)	▼
Macao SAR	76 (1.7)	▼
Trinidad and Tobago	72 (1.9)	▼
Azerbaijan	65 (1.7)	▼
Iran, Islamic Rep. of	61 (3.0)	▼
Qatar	57 (1.3)	▼
Bahrain	56 (2.7)	▼
United Arab Emirates	56 (1.4)	▼
Saudi Arabia	55 (2.1)	▼
Oman	50 (1.5)	▼
Morocco	27 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.7)	▲
Norway (4)	92 (1.0)	▲
Ontario, Canada	92 (1.3)	▲
Quebec, Canada	92 (1.4)	▲
Madrid, Spain	90 (1.2)	▲
Andalusia, Spain	87 (1.4)	▲
Buenos Aires, Argentina	80 (1.6)	
Dubai, UAE	72 (1.4)	▼
Abu Dhabi, UAE	51 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	51 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B09C (Pemba Sherpa): What does Pemba do before he starts
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	92 (0.9)	▲
Hong Kong SAR	91 (1.2)	▲
Poland	91 (1.3)	▲
Sweden	90 (1.3)	▲
Lithuania	90 (1.4)	▲
Finland	90 (1.2)	▲
Russian Federation	89 (1.1)	▲
Czech Republic	88 (1.2)	▲
Northern Ireland	88 (1.4)	▲
Ireland	88 (1.3)	▲
Latvia	88 (1.6)	▲
Chinese Taipei	88 (1.3)	▲
Slovenia	87 (1.2)	▲
Slovak Republic	86 (1.5)	▲
Netherlands	86 (1.4)	▲
Canada	86 (1.0)	▲
United States	85 (1.6)	▲
Israel	84 (1.7)	▲
England	84 (1.3)	▲
Portugal	84 (1.8)	▲
Austria	84 (1.7)	▲
Denmark	84 (1.6)	▲
Germany	83 (1.8)	▲
Norway (5)	83 (1.7)	▲
Italy	82 (1.5)	▲
France	82 (1.9)	▲
Australia	82 (1.4)	▲
Hungary	81 (1.7)	
Bulgaria	80 (1.7)	
Georgia	79 (2.0)	
International Avg.	78 (0.2)	
Belgium (French)	77 (1.8)	
Belgium (Flemish)	76 (1.8)	
Macao SAR	76 (1.6)	
New Zealand	76 (1.6)	
Spain	73 (1.7)	▼
Chile	72 (2.0)	▼
Malta	71 (1.8)	▼
Trinidad and Tobago	70 (1.8)	▼
Bahrain	66 (1.8)	▼
Kazakhstan	64 (2.0)	▼
Qatar	61 (1.4)	▼
Saudi Arabia	61 (2.2)	▼
United Arab Emirates	58 (1.3)	▼
Oman	57 (1.6)	▼
Iran, Islamic Rep. of	53 (2.7)	▼
Azerbaijan	50 (1.9)	▼
Morocco	37 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.6)	▲
Quebec, Canada	87 (1.8)	▲
Ontario, Canada	86 (1.8)	▲
Madrid, Spain	76 (1.9)	
Andalusia, Spain	75 (2.1)	
Dubai, UAE	74 (1.1)	▼
Norway (4)	74 (2.2)	
Buenos Aires, Argentina	65 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	56 (2.6)	▼
Abu Dhabi, UAE	47 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B10M (Pemba Sherpa): Why does it say Yang Ki's arms are like steel
Multiple Choice (Key is B)

Country	Percent Correct	
Hungary	84 (1.7)	▲
Netherlands	83 (1.6)	▲
Slovak Republic	83 (1.8)	▲
Czech Republic	82 (1.6)	▲
United States	81 (1.6)	▲
Singapore	80 (1.4)	▲
Israel	78 (1.7)	▲
Finland	78 (1.7)	▲
France	77 (2.1)	▲
Russian Federation	77 (1.6)	▲
Germany	77 (2.3)	▲
Slovenia	77 (2.0)	▲
Poland	77 (1.5)	▲
Italy	76 (1.6)	▲
Bulgaria	76 (2.0)	▲
Austria	76 (1.8)	▲
Chile	75 (2.4)	▲
Hong Kong SAR	74 (1.9)	▲
Spain	73 (1.6)	▲
Portugal	73 (1.9)	▲
Northern Ireland	73 (2.3)	▲
Norway (5)	71 (2.1)	▲
Lithuania	69 (2.0)	
Belgium (French)	69 (1.8)	
Chinese Taipei	69 (1.9)	
Australia	68 (1.9)	
Latvia	67 (1.7)	
Denmark	67 (2.1)	
England	67 (1.9)	
Ireland	66 (2.2)	
International Avg.	66 (0.3)	
Sweden	66 (2.1)	
Canada	65 (1.3)	
New Zealand	63 (1.7)	
Belgium (Flemish)	59 (1.5)	▼
Saudi Arabia	57 (2.2)	▼
Kazakhstan	56 (2.0)	▼
Macao SAR	56 (1.8)	▼
Qatar	55 (1.1)	▼
Trinidad and Tobago	50 (2.3)	▼
Azerbaijan	48 (2.4)	▼
Georgia	47 (2.5)	▼
United Arab Emirates	45 (1.6)	▼
Malta	42 (1.9)	▼
Iran, Islamic Rep. of	41 (2.4)	▼
Bahrain	39 (1.8)	▼
Oman	38 (1.5)	▼
Morocco	38 (2.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.7)	▲
Madrid, Spain	78 (1.8)	▲
Andalusia, Spain	75 (2.1)	▲
Quebec, Canada	72 (1.9)	▲
Ontario, Canada	66 (2.1)	
Norway (4)	63 (2.1)	
Dubai, UAE	62 (1.8)	▼
Buenos Aires, Argentina	62 (2.3)	
Eng/Afr/Zulu - RSA (5)	45 (2.4)	▼
Abu Dhabi, UAE	38 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B11M (Pemba Sherpa): Why does Pemba slump to the ground
Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	97 (0.8)	▲
Chinese Taipei	97 (0.6)	▲
Singapore	96 (0.7)	▲
Russian Federation	95 (0.8)	▲
Sweden	95 (0.9)	▲
Ireland	95 (0.9)	▲
Portugal	94 (0.9)	▲
Macao SAR	94 (0.9)	▲
Italy	94 (1.2)	▲
Latvia	94 (1.1)	▲
United States	94 (0.9)	▲
Spain	93 (0.9)	▲
Netherlands	93 (1.0)	▲
Northern Ireland	93 (1.2)	▲
Slovenia	92 (1.3)	▲
Georgia	91 (1.0)	▲
Hungary	91 (1.2)	▲
Poland	91 (1.3)	▲
England	91 (1.1)	▲
Australia	91 (1.1)	▲
Czech Republic	90 (1.4)	▲
Lithuania	90 (1.7)	▲
Canada	89 (1.0)	▲
Norway (5)	89 (1.4)	▲
Chile	89 (1.5)	▲
Finland	89 (1.4)	▲
Kazakhstan	89 (1.1)	▲
Slovak Republic	87 (1.5)	
Bulgaria	87 (2.0)	
Austria	86 (1.5)	
Israel	86 (1.3)	
Belgium (French)	86 (1.4)	
France	86 (1.6)	
International Avg.	85 (0.2)	
New Zealand	85 (1.4)	
Germany	85 (1.9)	
Denmark	84 (1.6)	
Azerbaijan	84 (1.7)	
Belgium (Flemish)	79 (1.6)	▼
Trinidad and Tobago	75 (2.3)	▼
Iran, Islamic Rep. of	71 (3.0)	▼
Qatar	66 (2.0)	▼
Malta	66 (1.9)	▼
Bahrain	63 (2.0)	▼
United Arab Emirates	62 (1.7)	▼
Saudi Arabia	56 (2.1)	▼
Oman	50 (1.7)	▼
Morocco	48 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.5)	▲
Madrid, Spain	96 (1.0)	▲
Andalusia, Spain	95 (0.8)	▲
Quebec, Canada	91 (1.4)	▲
Ontario, Canada	89 (1.6)	▲
Buenos Aires, Argentina	86 (1.4)	
Norway (4)	84 (1.5)	
Dubai, UAE	79 (1.4)	▼
Eng/Afr/Zulu - RSA (5)	67 (3.0)	▼
Abu Dhabi, UAE	55 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B12M (Pemba Sherpa): Why does Yang Ki leave Pemba
Multiple Choice (Key is A)

Country	Percent Correct	
Chinese Taipei	99 (0.4)	▲
Macao SAR	98 (0.5)	▲
Austria	98 (0.6)	▲
Hong Kong SAR	98 (0.6)	▲
Singapore	98 (0.5)	▲
Sweden	97 (0.7)	▲
Northern Ireland	96 (0.6)	▲
Poland	96 (0.8)	▲
Norway (5)	96 (0.8)	▲
United States	96 (0.8)	▲
Netherlands	96 (0.6)	▲
Germany	96 (1.0)	▲
Lithuania	96 (0.8)	▲
Italy	96 (0.9)	▲
Finland	95 (1.0)	▲
England	95 (0.7)	▲
Ireland	95 (0.8)	▲
Denmark	94 (0.8)	▲
Kazakhstan	94 (1.0)	▲
Bulgaria	94 (1.4)	▲
Australia	94 (0.8)	▲
Portugal	93 (1.1)	▲
Canada	93 (0.7)	▲
Hungary	93 (1.3)	
Slovenia	92 (1.2)	
Russian Federation	92 (1.2)	
Spain	92 (0.9)	
Israel	92 (1.1)	
Slovak Republic	92 (1.3)	
Czech Republic	92 (1.1)	
International Avg.	91 (0.2)	
Georgia	90 (1.3)	
New Zealand	89 (0.9)	
Belgium (Flemish)	89 (1.2)	
France	89 (1.4)	
Latvia	87 (1.5)	▼
Azerbaijan	85 (1.3)	▼
Trinidad and Tobago	85 (1.7)	▼
Belgium (French)	85 (1.5)	▼
Chile	84 (1.3)	▼
Bahrain	84 (1.5)	▼
United Arab Emirates	84 (1.2)	▼
Qatar	84 (0.9)	▼
Malta	83 (1.6)	▼
Saudi Arabia	77 (1.9)	▼
Oman	76 (1.4)	▼
Iran, Islamic Rep. of	73 (3.2)	▼
Morocco	64 (2.4)	▼
Benchmarking Participants		
Madrid, Spain	94 (1.0)	▲
Moscow City, Russian Fed.	94 (1.1)	▲
Ontario, Canada	94 (1.2)	▲
Dubai, UAE	93 (1.0)	
Quebec, Canada	92 (1.6)	
Norway (4)	92 (1.1)	
Andalusia, Spain	91 (1.3)	
Abu Dhabi, UAE	79 (1.9)	▼
Buenos Aires, Argentina	79 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	74 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B13C (Pemba Sherpa): Finish the two sentences
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	71 (1.4) ▲	96 (0.6) ▲
Poland	69 (1.9) ▲	96 (1.0) ▲
Canada	68 (1.3) ▲	93 (0.8) ▲
Ireland	68 (2.2) ▲	95 (0.9) ▲
Norway (5)	67 (2.1) ▲	95 (1.0) ▲
Finland	66 (2.3) ▲	95 (0.9) ▲
Latvia	65 (2.1) ▲	94 (1.2) ▲
United States	65 (2.0) ▲	93 (1.1) ▲
Chinese Taipei	64 (2.0) ▲	95 (0.9) ▲
Portugal	63 (1.9) ▲	94 (1.0) ▲
Northern Ireland	62 (2.4) ▲	94 (1.3) ▲
England	62 (1.8) ▲	92 (1.1) ▲
Hungary	60 (1.9) ▲	93 (1.2) ▲
Denmark	60 (2.3) ▲	91 (1.3) ▲
Bulgaria	58 (2.3) ▲	91 (1.6) ▲
Slovenia	58 (2.2) ▲	89 (1.4) ▲
Netherlands	58 (2.4) ▲	94 (1.4) ▲
Germany	58 (2.5) ▲	90 (1.7) ▲
Austria	57 (1.6) ▲	93 (1.1) ▲
Italy	57 (2.1) ▲	93 (1.1) ▲
Australia	57 (1.8) ▲	92 (1.0) ▲
Czech Republic	56 (2.0) ▲	90 (1.3) ▲
Russian Federation	56 (1.9) ▲	93 (0.9) ▲
Belgium (Flemish)	55 (2.1) ▲	93 (1.0) ▲
New Zealand	55 (1.9)	86 (1.4)
Israel	55 (2.0)	88 (1.4)
Belgium (French)	54 (2.1)	91 (1.1) ▲
Chile	54 (2.2)	85 (1.5)
Slovak Republic	53 (1.9)	88 (1.2)
Spain	53 (1.7)	92 (0.9) ▲
Georgia	53 (2.4)	87 (1.5)
International Avg.	52 (0.3)	87 (0.2)
France	52 (2.4)	88 (1.6)
Kazakhstan	52 (2.0)	86 (1.2)
Sweden	51 (2.0)	88 (1.5)
Hong Kong SAR	49 (2.4)	89 (1.5)
Bahrain	45 (1.9) ▼	79 (1.6) ▼
Trinidad and Tobago	43 (2.4) ▼	79 (1.8) ▼
United Arab Emirates	41 (1.3) ▼	76 (1.2) ▼
Macao SAR	39 (2.0) ▼	85 (1.5)
Saudi Arabia	39 (1.9) ▼	75 (1.9) ▼
Lithuania	37 (2.5) ▼	91 (1.4) ▲
Qatar	35 (1.4) ▼	70 (1.2) ▼
Malta	33 (1.9) ▼	73 (1.9) ▼
Oman	31 (1.5) ▼	70 (1.5) ▼
Azerbaijan	29 (1.9) ▼	67 (2.4) ▼
Morocco	17 (1.9) ▼	38 (2.3) ▼
Iran, Islamic Rep. of	14 (2.0) ▼	64 (3.3) ▼
Benchmarking Participants		
Ontario, Canada	72 (2.2) ▲	94 (1.1) ▲
Moscow City, Russian Fed.	67 (1.8) ▲	96 (0.9) ▲
Quebec, Canada	61 (2.7) ▲	93 (1.5) ▲
Dubai, UAE	55 (1.7)	87 (1.0)
Buenos Aires, Argentina	53 (2.4)	79 (1.8) ▼
Andalusia, Spain	53 (2.3)	91 (1.3) ▲
Norway (4)	52 (2.2)	88 (1.6)
Madrid, Spain	50 (2.0)	92 (1.1) ▲
Abu Dhabi, UAE	34 (1.9) ▼	71 (2.1) ▼
Eng/Afr/Zulu - RSA (5)	30 (2.0) ▼	61 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

L21B14M (Pemba Sherpa): What does Yang Ki do when Pemba is angry
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	93 (1.3)	▲
Sweden	89 (1.3)	▲
Denmark	89 (1.5)	▲
Ireland	88 (1.3)	▲
Northern Ireland	88 (1.5)	▲
Russian Federation	88 (1.4)	▲
England	87 (1.2)	▲
Austria	87 (1.4)	▲
Singapore	87 (1.3)	▲
Italy	85 (1.6)	▲
Netherlands	84 (1.6)	▲
Bulgaria	84 (2.1)	▲
Finland	84 (1.7)	▲
Hong Kong SAR	84 (2.2)	▲
United States	84 (1.4)	▲
Latvia	83 (1.7)	▲
Hungary	83 (1.8)	▲
Portugal	82 (1.8)	▲
Lithuania	81 (1.5)	▲
Chinese Taipei	81 (1.6)	▲
Australia	80 (1.9)	▲
Canada	78 (1.5)	▲
Poland	78 (1.9)	▲
Macao SAR	76 (2.0)	
Slovenia	75 (1.9)	
Slovak Republic	75 (1.9)	
New Zealand	74 (1.8)	
Israel	74 (1.7)	
Germany	74 (2.4)	
France	74 (2.0)	
International Avg.	73 (0.3)	
Belgium (Flemish)	72 (2.1)	
Belgium (French)	72 (1.9)	
Czech Republic	71 (1.7)	
Azerbaijan	67 (2.1)	▼
Spain	64 (1.4)	▼
Kazakhstan	62 (2.2)	▼
Malta	61 (2.4)	▼
Chile	61 (2.1)	▼
Georgia	59 (2.7)	▼
United Arab Emirates	57 (1.6)	▼
Bahrain	56 (2.1)	▼
Qatar	54 (1.5)	▼
Trinidad and Tobago	54 (2.8)	▼
Oman	46 (1.6)	▼
Iran, Islamic Rep. of	44 (2.7)	▼
Saudi Arabia	40 (2.2)	▼
Morocco	32 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.0)	▲
Norway (4)	86 (1.4)	▲
Ontario, Canada	79 (1.9)	▲
Quebec, Canada	72 (2.2)	
Dubai, UAE	69 (1.6)	▼
Madrid, Spain	66 (1.7)	▼
Buenos Aires, Argentina	61 (2.1)	▼
Andalusia, Spain	57 (2.3)	▼
Abu Dhabi, UAE	51 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	40 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B15C (Pemba Sherpa): Why does Yang Ki say this to her big brother
Constructed Response (1 Point)

Country	Percent Correct	
Poland	64 (2.1)	▲
Northern Ireland	60 (2.4)	▲
Netherlands	60 (2.2)	▲
Norway (5)	58 (2.2)	▲
Ireland	57 (2.1)	▲
England	57 (2.0)	▲
Australia	57 (2.1)	▲
United States	57 (2.3)	▲
Belgium (Flemish)	56 (1.9)	▲
Singapore	56 (1.8)	▲
Sweden	55 (2.2)	▲
Canada	54 (1.5)	▲
Israel	54 (1.8)	▲
Hungary	52 (2.2)	▲
Germany	50 (2.0)	▲
Finland	50 (1.9)	▲
Bulgaria	50 (2.4)	
Portugal	49 (2.1)	
Lithuania	49 (2.9)	
Slovenia	48 (2.3)	
Russian Federation	48 (2.2)	
Denmark	47 (2.3)	
Chinese Taipei	47 (2.2)	
Slovak Republic	46 (2.2)	
International Avg.	45 (0.3)	
New Zealand	45 (1.9)	
Latvia	45 (2.2)	
Austria	44 (2.2)	
Macao SAR	43 (1.8)	
Hong Kong SAR	42 (2.1)	
Georgia	42 (2.3)	
Bahrain	41 (2.3)	
Chile	41 (2.2)	▼
Czech Republic	39 (1.8)	▼
Belgium (French)	39 (1.9)	▼
Trinidad and Tobago	38 (2.0)	▼
Spain	38 (1.3)	▼
Malta	37 (1.9)	▼
Qatar	37 (1.1)	▼
Kazakhstan	35 (1.9)	▼
Iran, Islamic Rep. of	35 (2.4)	▼
United Arab Emirates	34 (1.1)	▼
Italy	34 (2.3)	▼
Oman	33 (1.6)	▼
Azerbaijan	32 (1.7)	▼
France	32 (1.9)	▼
Saudi Arabia	31 (1.9)	▼
Morocco	20 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	62 (1.7)	▲
Ontario, Canada	59 (2.5)	▲
Quebec, Canada	50 (2.8)	
Dubai, UAE	48 (1.6)	
Norway (4)	47 (2.1)	
Madrid, Spain	38 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.2)	▼
Andalusia, Spain	34 (1.8)	▼
Buenos Aires, Argentina	29 (2.2)	▼
Abu Dhabi, UAE	27 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21B16C (Pemba Sherpa): How did Yang Ki change Pemba's thinking
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	64 (2.2) ▲	88 (1.3) ▲
Poland	64 (2.2) ▲	84 (1.8) ▲
Hong Kong SAR	60 (2.3) ▲	85 (1.8) ▲
Chinese Taipei	57 (2.1) ▲	85 (1.5) ▲
Russian Federation	54 (2.0) ▲	80 (1.5) ▲
United States	51 (2.0) ▲	78 (1.7) ▲
Slovenia	51 (2.6) ▲	81 (1.4) ▲
Bulgaria	50 (2.1) ▲	73 (1.9)
Hungary	50 (2.2) ▲	79 (1.8) ▲
Canada	50 (1.7) ▲	84 (1.1) ▲
Israel	49 (1.9) ▲	76 (1.7) ▲
Latvia	48 (2.6) ▲	81 (2.5) ▲
Ireland	48 (2.3) ▲	74 (2.1) ▲
Macao SAR	48 (1.8) ▲	80 (1.8) ▲
Singapore	47 (1.8) ▲	75 (1.2) ▲
Northern Ireland	47 (2.6) ▲	77 (1.8) ▲
Slovak Republic	45 (1.9) ▲	76 (1.9) ▲
Sweden	45 (2.3) ▲	74 (2.1) ▲
Czech Republic	45 (2.1) ▲	72 (1.8)
England	43 (2.2)	70 (1.6)
Germany	43 (2.1)	72 (2.2)
New Zealand	41 (2.0)	72 (1.7)
France	40 (1.9)	72 (1.9)
Belgium (French)	40 (2.3)	74 (2.0) ▲
International Avg.	40 (0.3)	69 (0.3)
Netherlands	39 (2.1)	72 (2.1)
Portugal	38 (1.9)	69 (2.1)
Finland	37 (1.8)	65 (1.9) ▼
Australia	37 (2.0)	74 (1.8) ▲
Kazakhstan	37 (1.9)	75 (1.7) ▲
Norway (5)	37 (2.5)	69 (2.3)
Italy	36 (2.2)	67 (2.0)
Austria	36 (2.3)	71 (1.8)
Spain	35 (1.4) ▼	74 (1.4) ▲
Denmark	35 (1.8) ▼	71 (2.0)
Saudi Arabia	35 (1.7) ▼	55 (2.1) ▼
Chile	34 (2.0) ▼	71 (2.1)
Georgia	31 (2.1) ▼	61 (2.3) ▼
Belgium (Flemish)	30 (2.0) ▼	69 (1.8)
Trinidad and Tobago	25 (1.9) ▼	59 (2.2) ▼
Qatar	24 (1.7) ▼	51 (1.1) ▼
Bahrain	23 (1.7) ▼	54 (2.0) ▼
Iran, Islamic Rep. of	23 (1.9) ▼	52 (2.4) ▼
Oman	21 (1.2) ▼	48 (1.7) ▼
United Arab Emirates	20 (1.2) ▼	49 (1.4) ▼
Azerbaijan	20 (1.7) ▼	42 (2.0) ▼
Malta	19 (1.7) ▼	50 (1.9) ▼
Morocco	12 (1.5) ▼	30 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	63 (1.8) ▲	85 (1.6) ▲
Ontario, Canada	50 (2.9) ▲	85 (1.7) ▲
Quebec, Canada	42 (2.3)	82 (2.0) ▲
Madrid, Spain	35 (2.1) ▼	73 (2.0) ▲
Andalusia, Spain	33 (2.0) ▼	73 (1.6) ▲
Dubai, UAE	32 (2.1) ▼	62 (1.6) ▼
Norway (4)	27 (2.0) ▼	63 (2.4) ▼
Buenos Aires, Argentina	24 (1.8) ▼	59 (2.1) ▼
Eng/Afr/Zulu - RSA (5)	19 (2.2) ▼	44 (2.6) ▼
Abu Dhabi, UAE	14 (1.5) ▼	41 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

L21B17C (Pemba Sherpa): Describe what Yang Ki is like
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hong Kong SAR	66 (2.4) ▲	91 (1.3) ▲
Chinese Taipei	66 (2.1) ▲	91 (1.2) ▲
Singapore	62 (1.9) ▲	93 (0.8) ▲
Russian Federation	59 (1.7) ▲	89 (1.2) ▲
Latvia	57 (2.1) ▲	93 (1.2) ▲
United States	55 (2.4) ▲	88 (1.4) ▲
Poland	55 (2.2) ▲	91 (1.2) ▲
Northern Ireland	54 (2.4) ▲	91 (1.4) ▲
England	53 (1.6) ▲	87 (1.1) ▲
Canada	53 (1.8) ▲	87 (1.0) ▲
Australia	53 (1.7) ▲	90 (1.0) ▲
Bulgaria	52 (2.3) ▲	83 (1.9) ▲
Israel	52 (2.3) ▲	83 (1.7) ▲
Lithuania	50 (2.6) ▲	89 (1.2) ▲
Finland	50 (1.7) ▲	90 (1.4) ▲
Macao SAR	49 (1.9) ▲	80 (1.8)
Austria	47 (2.0) ▲	87 (1.6) ▲
Ireland	47 (2.5) ▲	91 (1.4) ▲
Portugal	45 (2.1) ▲	82 (1.6) ▲
Germany	44 (2.1)	83 (2.4)
Chile	43 (2.2)	79 (2.0)
Italy	43 (1.9)	81 (1.8)
Sweden	42 (2.4)	86 (1.3) ▲
Hungary	41 (2.2)	84 (1.6) ▲
International Avg.	41 (0.3)	79 (0.2)
Netherlands	39 (1.9)	86 (1.5) ▲
Norway (5)	38 (2.3)	91 (1.3) ▲
Georgia	38 (2.3)	72 (2.1) ▼
Slovak Republic	37 (2.2)	81 (2.1)
New Zealand	37 (1.9)	79 (1.4)
Spain	37 (1.4) ▼	79 (1.6)
Czech Republic	36 (2.2)	83 (1.7) ▲
Kazakhstan	34 (2.1) ▼	86 (1.4) ▲
Denmark	33 (2.2) ▼	86 (1.6) ▲
Bahrain	32 (1.4) ▼	69 (1.9) ▼
Trinidad and Tobago	32 (1.9) ▼	66 (2.0) ▼
France	30 (2.0) ▼	69 (1.9) ▼
Oman	29 (1.4) ▼	56 (1.7) ▼
United Arab Emirates	29 (1.4) ▼	65 (1.5) ▼
Qatar	26 (1.3) ▼	56 (1.5) ▼
Malta	26 (1.9) ▼	67 (2.0) ▼
Slovenia	26 (1.9) ▼	84 (1.4) ▲
Belgium (French)	25 (1.9) ▼	67 (1.9) ▼
Iran, Islamic Rep. of	25 (2.2) ▼	53 (2.3) ▼
Saudi Arabia	21 (1.7) ▼	49 (2.4) ▼
Belgium (Flemish)	16 (1.7) ▼	78 (1.7)
Azerbaijan	15 (1.2) ▼	57 (2.1) ▼
Morocco	9 (1.5) ▼	23 (1.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	70 (1.7) ▲	93 (0.9) ▲
Ontario, Canada	56 (2.6) ▲	88 (1.7) ▲
Quebec, Canada	54 (2.3) ▲	86 (1.8) ▲
Dubai, UAE	43 (2.1)	82 (1.0) ▲
Andalusia, Spain	38 (2.1)	82 (1.8)
Madrid, Spain	33 (2.3) ▼	86 (1.4) ▲
Buenos Aires, Argentina	25 (2.0) ▼	63 (2.3) ▼
Norway (4)	23 (1.6) ▼	82 (1.6) ▲
Abu Dhabi, UAE	21 (1.8) ▼	56 (2.2) ▼
Eng/Afr/Zulu - RSA (5)	15 (2.1) ▼	45 (2.3) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21K01C (Sharks): Two things about a shark's teeth
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	79 (1.3) ▲	94 (0.8) ▲
Russian Federation	77 (1.6) ▲	93 (1.0) ▲
Northern Ireland	74 (2.3) ▲	94 (1.1) ▲
Finland	68 (1.8) ▲	92 (1.0) ▲
Bulgaria	68 (2.2) ▲	93 (1.0) ▲
Chinese Taipei	66 (1.9) ▲	84 (1.7)
Poland	66 (2.1) ▲	90 (1.6) ▲
Israel	66 (2.1) ▲	85 (1.3)
England	65 (2.0) ▲	91 (1.1) ▲
Ireland	64 (2.2) ▲	88 (1.7) ▲
Latvia	64 (2.6) ▲	91 (1.4) ▲
Norway (5)	63 (2.3) ▲	90 (1.4) ▲
Canada	62 (1.6) ▲	88 (1.0) ▲
Italy	61 (2.2) ▲	89 (1.3) ▲
United States	61 (2.2) ▲	90 (1.3) ▲
Hungary	60 (2.1) ▲	89 (1.7) ▲
Portugal	60 (2.3) ▲	85 (1.5)
Denmark	58 (2.1)	89 (1.4) ▲
Germany	58 (2.0)	83 (1.6)
Austria	57 (2.3)	86 (1.6)
Belgium (Flemish)	57 (1.9)	88 (1.0) ▲
Lithuania	57 (2.4)	83 (1.7)
Australia	56 (1.9)	84 (1.6)
New Zealand	55 (1.7)	83 (1.3)
Spain	55 (1.6)	87 (0.9) ▲
International Avg.	54 (0.3)	83 (0.2)
Czech Republic	54 (2.2)	83 (1.2)
Kazakhstan	54 (2.0)	92 (1.0) ▲
Macao SAR	53 (2.1)	79 (1.8) ▼
Slovak Republic	53 (2.2)	82 (1.8)
France	51 (2.3)	82 (1.9)
Trinidad and Tobago	51 (2.3)	82 (1.8)
Georgia	51 (2.4)	87 (1.3) ▲
Belgium (French)	50 (2.3)	80 (1.7)
Hong Kong SAR	47 (2.4) ▼	73 (2.2) ▼
Netherlands	47 (2.4) ▼	86 (1.5)
United Arab Emirates	46 (1.4) ▼	74 (1.1) ▼
Qatar	45 (1.4) ▼	75 (1.4) ▼
Sweden	43 (1.9) ▼	76 (1.7) ▼
Slovenia	42 (2.4) ▼	80 (1.7)
Saudi Arabia	40 (1.9) ▼	74 (1.6) ▼
Chile	39 (2.3) ▼	78 (1.9) ▼
Oman	39 (1.6) ▼	71 (1.3) ▼
Azerbaijan	38 (2.0) ▼	72 (1.9) ▼
Morocco	37 (2.3) ▼	61 (2.7) ▼
Bahrain	36 (1.9) ▼	76 (1.3) ▼
Malta	32 (1.9) ▼	65 (1.9) ▼
Iran, Islamic Rep. of	29 (2.5) ▼	57 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	78 (1.5) ▲	94 (0.9) ▲
Quebec, Canada	72 (2.5) ▲	94 (1.4) ▲
Ontario, Canada	60 (3.0)	86 (1.7)
Madrid, Spain	59 (2.1) ▲	92 (1.3) ▲
Dubai, UAE	58 (1.5) ▲	86 (1.0) ▲
Norway (4)	50 (2.0) ▼	82 (1.8)
Andalusia, Spain	49 (2.1) ▼	87 (1.7) ▲
Buenos Aires, Argentina	48 (2.5) ▼	79 (2.1) ▼
Abu Dhabi, UAE	41 (2.7) ▼	64 (2.4) ▼
Eng/Afr/Zulu - RSA (5)	36 (2.2) ▼	70 (2.2) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21K02C (Sharks): Three kinds of animals sharks eat
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	90 (1.3)	▲
Hong Kong SAR	90 (1.3)	▲
Macao SAR	87 (1.3)	▲
Denmark	84 (1.5)	▲
Singapore	83 (1.3)	▲
Canada	82 (1.1)	▲
Ireland	81 (2.0)	▲
Russian Federation	80 (1.4)	▲
Northern Ireland	79 (2.0)	▲
Poland	78 (1.8)	▲
Sweden	78 (1.7)	▲
Netherlands	78 (2.0)	▲
England	78 (1.6)	▲
Austria	77 (1.7)	▲
United States	77 (1.7)	▲
Australia	77 (1.6)	▲
Germany	76 (1.8)	▲
Belgium (Flemish)	75 (1.7)	▲
New Zealand	75 (1.8)	▲
Kazakhstan	74 (1.9)	▲
Latvia	74 (1.8)	▲
Portugal	73 (2.0)	▲
Lithuania	71 (2.4)	
Bulgaria	71 (2.0)	
Finland	70 (1.7)	▲
Czech Republic	70 (1.7)	
Trinidad and Tobago	70 (2.1)	
Slovenia	69 (2.1)	
Italy	69 (2.0)	
Belgium (French)	67 (2.1)	
International Avg.	67 (0.3)	
Slovak Republic	65 (2.2)	
Hungary	64 (2.4)	
Israel	64 (2.0)	
France	64 (2.8)	
Chile	63 (2.4)	
Azerbaijan	59 (2.1)	▼
Spain	58 (1.5)	▼
Georgia	55 (2.3)	▼
Saudi Arabia	48 (2.1)	▼
Qatar	47 (1.6)	▼
United Arab Emirates	47 (1.5)	▼
Oman	39 (1.6)	▼
Bahrain	32 (1.3)	▼
Iran, Islamic Rep. of	32 (1.9)	▼
Malta	23 (1.5)	▼
Morocco	21 (2.0)	▼
Norway (5)	- -	
Benchmarking Participants		
Quebec, Canada	84 (1.9)	▲
Moscow City, Russian Fed.	83 (1.6)	▲
Ontario, Canada	81 (2.4)	▲
Dubai, UAE	69 (1.4)	
Madrid, Spain	66 (2.1)	
Andalusia, Spain	57 (2.2)	▼
Buenos Aires, Argentina	55 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	43 (2.1)	▼
Abu Dhabi, UAE	36 (2.3)	▼
Norway (4)	- -	

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R21K03M (Sharks): Why tiger shark called garbage-can
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	78 (1.9)	▲
Finland	78 (1.8)	▲
England	77 (1.5)	▲
Russian Federation	77 (1.8)	▲
Austria	76 (1.7)	▲
Sweden	76 (1.5)	▲
Northern Ireland	76 (2.3)	▲
Netherlands	75 (1.9)	▲
Germany	75 (2.0)	▲
Denmark	73 (1.9)	▲
Kazakhstan	72 (1.9)	▲
Poland	72 (2.5)	▲
Ireland	72 (2.1)	▲
Belgium (Flemish)	70 (1.8)	▲
United States	70 (2.1)	▲
Slovenia	69 (1.9)	▲
Italy	69 (1.7)	▲
Spain	68 (1.4)	▲
Singapore	68 (1.7)	▲
Australia	68 (1.8)	▲
Hong Kong SAR	68 (2.1)	▲
Hungary	68 (2.0)	▲
Portugal	67 (2.1)	▲
France	66 (2.1)	▲
Bulgaria	66 (2.6)	▲
Israel	66 (1.9)	▲
Canada	65 (1.7)	▲
Belgium (French)	65 (2.4)	▲
Macao SAR	64 (1.8)	▲
New Zealand	63 (2.0)	
Azerbaijan	63 (1.6)	
Lithuania	62 (2.2)	
Chinese Taipei	61 (2.2)	
International Avg.	60 (0.3)	
Latvia	60 (2.3)	
Czech Republic	52 (2.1)	▼
Slovak Republic	49 (2.3)	▼
Trinidad and Tobago	43 (1.8)	▼
United Arab Emirates	42 (1.4)	▼
Iran, Islamic Rep. of	38 (2.2)	▼
Qatar	35 (1.4)	▼
Chile	34 (1.7)	▼
Malta	33 (2.0)	▼
Bahrain	32 (1.8)	▼
Georgia	29 (2.4)	▼
Morocco	27 (1.9)	▼
Saudi Arabia	27 (2.4)	▼
Oman	20 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.7)	▲
Quebec, Canada	76 (2.0)	▲
Norway (4)	72 (2.0)	▲
Madrid, Spain	72 (2.0)	▲
Andalusia, Spain	71 (2.2)	▲
Ontario, Canada	62 (3.0)	
Dubai, UAE	57 (2.1)	
Buenos Aires, Argentina	55 (2.4)	▼
Abu Dhabi, UAE	35 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	29 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K04M (Sharks): Sense used to first to find prey
Multiple Choice (Key is D)

Country	Percent Correct	
Denmark	70 (2.0)	▲
Finland	67 (2.0)	▲
Singapore	65 (1.6)	▲
Latvia	64 (2.0)	▲
Sweden	64 (2.0)	▲
New Zealand	63 (1.7)	▲
Chinese Taipei	63 (1.8)	▲
Czech Republic	62 (1.9)	▲
Hong Kong SAR	62 (2.4)	▲
Lithuania	62 (2.2)	▲
England	61 (2.0)	▲
Northern Ireland	60 (2.3)	▲
Norway (5)	60 (2.5)	▲
Slovenia	59 (2.2)	▲
Ireland	59 (2.3)	▲
Canada	59 (1.3)	▲
Israel	59 (1.7)	▲
Russian Federation	59 (2.0)	▲
Australia	58 (1.9)	▲
Kazakhstan	58 (1.8)	▲
Poland	57 (2.3)	
Macao SAR	57 (2.1)	
United States	56 (2.1)	
Slovak Republic	56 (2.5)	
Italy	55 (2.2)	
International Avg.	54 (0.3)	
Austria	54 (2.3)	
Trinidad and Tobago	54 (2.2)	
Portugal	53 (2.2)	
Qatar	52 (2.0)	
Spain	52 (1.7)	
Bulgaria	51 (2.2)	
Hungary	51 (2.4)	
United Arab Emirates	49 (1.4)	▼
Chile	49 (2.0)	▼
France	49 (2.6)	▼
Oman	48 (1.7)	▼
Germany	47 (2.0)	▼
Iran, Islamic Rep. of	47 (3.0)	▼
Bahrain	47 (1.9)	▼
Azerbaijan	46 (1.9)	▼
Belgium (French)	44 (2.2)	▼
Belgium (Flemish)	43 (2.0)	▼
Georgia	39 (2.3)	▼
Morocco	37 (2.2)	▼
Malta	37 (1.9)	▼
Saudi Arabia	31 (1.8)	▼
Netherlands	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	65 (1.9)	▲
Ontario, Canada	60 (2.1)	▲
Buenos Aires, Argentina	59 (2.1)	▲
Norway (4)	58 (2.1)	
Dubai, UAE	58 (1.6)	▲
Quebec, Canada	57 (2.6)	
Madrid, Spain	53 (1.9)	
Eng/Afr/Zulu - RSA (5)	48 (2.3)	▼
Andalusia, Spain	47 (2.2)	▼
Abu Dhabi, UAE	47 (2.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R21K05C (Sharks): Why eyes glow in the dark
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	83 (1.4)	▲
Russian Federation	78 (1.7)	▲
Macao SAR	71 (1.9)	▲
Singapore	69 (1.8)	▲
Finland	67 (2.2)	▲
Hong Kong SAR	67 (2.4)	▲
Kazakhstan	66 (2.2)	▲
Hungary	63 (2.5)	▲
Belgium (Flemish)	62 (1.8)	▲
Poland	59 (2.2)	▲
Czech Republic	58 (2.3)	▲
Norway (5)	58 (2.4)	▲
Northern Ireland	58 (2.2)	▲
Denmark	57 (2.1)	▲
Lithuania	57 (2.4)	▲
Sweden	55 (2.4)	▲
Latvia	55 (2.5)	▲
Ireland	54 (2.1)	▲
Germany	53 (2.3)	▲
Austria	53 (2.3)	
Slovak Republic	52 (2.0)	
Slovenia	51 (2.4)	
United States	50 (2.5)	
Canada	50 (1.5)	
Australia	50 (2.1)	
England	49 (1.8)	
International Avg.	49 (0.3)	
Azerbaijan	48 (2.2)	
Italy	48 (2.4)	
Portugal	48 (1.8)	
Netherlands	45 (2.3)	
France	43 (2.1)	▼
Georgia	43 (2.6)	▼
Israel	42 (2.2)	▼
Spain	41 (1.8)	▼
New Zealand	40 (1.6)	▼
Saudi Arabia	40 (2.3)	▼
Trinidad and Tobago	38 (2.2)	▼
United Arab Emirates	35 (1.1)	▼
Bahrain	33 (1.6)	▼
Qatar	33 (1.5)	▼
Chile	31 (1.6)	▼
Bulgaria	31 (2.0)	▼
Iran, Islamic Rep. of	29 (2.3)	▼
Belgium (French)	28 (2.2)	▼
Malta	23 (1.6)	▼
Oman	20 (1.4)	▼
Morocco	10 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	80 (1.7)	▲
Madrid, Spain	49 (2.3)	
Ontario, Canada	49 (3.2)	
Dubai, UAE	48 (1.4)	
Quebec, Canada	48 (2.3)	
Norway (4)	41 (2.1)	▼
Andalusia, Spain	39 (2.4)	▼
Abu Dhabi, UAE	28 (2.0)	▼
Buenos Aires, Argentina	24 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	14 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K06M (Sharks): Why sharks give a test bite
Multiple Choice (Key is B)

Country	Percent Correct	
Hong Kong SAR	92 (1.2)	▲
Russian Federation	87 (1.4)	▲
Macao SAR	87 (1.2)	▲
Sweden	85 (1.6)	▲
Finland	84 (1.4)	▲
Denmark	79 (1.7)	▲
Slovenia	79 (1.9)	▲
Singapore	79 (1.5)	▲
Italy	79 (1.9)	▲
Austria	78 (2.0)	▲
Germany	76 (1.8)	▲
Chinese Taipei	76 (1.8)	▲
Ireland	75 (1.8)	▲
Netherlands	75 (1.6)	▲
Norway (5)	75 (1.7)	▲
Latvia	74 (2.1)	▲
Czech Republic	74 (1.6)	▲
France	72 (2.0)	▲
United States	72 (1.9)	▲
Poland	72 (2.0)	▲
Northern Ireland	71 (2.1)	▲
Canada	70 (1.7)	▲
England	70 (1.9)	▲
Azerbaijan	70 (2.1)	
Israel	69 (2.1)	
Hungary	69 (1.8)	
Australia	69 (1.9)	
Slovak Republic	69 (2.0)	
Belgium (Flemish)	68 (1.8)	
Bulgaria	67 (2.3)	
International Avg.	66 (0.3)	
New Zealand	65 (2.0)	
Lithuania	63 (2.0)	
Kazakhstan	61 (2.0)	▼
Chile	60 (2.4)	▼
Portugal	60 (1.9)	▼
Spain	59 (1.6)	▼
Belgium (French)	58 (2.4)	▼
Georgia	50 (2.7)	▼
Saudi Arabia	49 (2.2)	▼
United Arab Emirates	49 (1.3)	▼
Qatar	48 (1.7)	▼
Trinidad and Tobago	44 (2.2)	▼
Bahrain	42 (2.0)	▼
Malta	40 (1.9)	▼
Oman	38 (1.7)	▼
Iran, Islamic Rep. of	37 (2.1)	▼
Morocco	30 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Quebec, Canada	80 (2.2)	▲
Madrid, Spain	69 (1.8)	
Norway (4)	66 (2.1)	
Ontario, Canada	65 (3.1)	
Dubai, UAE	63 (1.3)	▼
Andalusia, Spain	55 (2.6)	▼
Buenos Aires, Argentina	48 (2.1)	▼
Abu Dhabi, UAE	44 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	31 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K07C (Sharks): Shark's senses of touch and hearing
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	61 (1.7) ▲	83 (1.2) ▲
Hong Kong SAR	57 (2.1) ▲	78 (1.8) ▲
Chinese Taipei	57 (2.0) ▲	83 (1.5) ▲
Macao SAR	54 (1.7) ▲	80 (1.3) ▲
Russian Federation	53 (1.8) ▲	82 (1.5) ▲
Northern Ireland	53 (2.4) ▲	78 (2.0) ▲
Finland	52 (2.1) ▲	82 (1.5) ▲
Hungary	50 (2.5) ▲	80 (1.8) ▲
Kazakhstan	49 (1.9) ▲	81 (1.6) ▲
Poland	49 (2.1) ▲	78 (2.0) ▲
Latvia	48 (2.4) ▲	77 (1.9) ▲
Ireland	47 (2.6) ▲	75 (2.5) ▲
Bulgaria	46 (2.1) ▲	78 (1.9) ▲
Sweden	45 (2.4) ▲	72 (2.2) ▲
England	43 (1.6) ▲	75 (1.3) ▲
Slovenia	42 (2.2) ▲	76 (1.7) ▲
Italy	42 (1.6) ▲	73 (1.7) ▲
Slovak Republic	42 (2.3) ▲	70 (2.6) ▲
Czech Republic	41 (1.6) ▲	69 (1.9) ▲
Lithuania	39 (2.1) ▲	70 (2.5) ▲
Canada	39 (1.5) ▲	71 (1.3) ▲
United States	38 (1.9)	69 (2.0) ▲
Denmark	36 (1.8)	71 (1.8) ▲
International Avg.	35 (0.3)	64 (0.3)
Norway (5)	35 (2.0)	64 (2.3)
Israel	34 (1.9)	65 (1.8)
Australia	33 (1.8)	64 (1.8)
Portugal	33 (1.8)	68 (2.1)
Spain	33 (1.4)	70 (1.5) ▲
New Zealand	32 (1.7)	61 (2.0)
Austria	28 (1.7) ▼	56 (1.8) ▼
Azerbaijan	27 (1.7) ▼	57 (2.4) ▼
United Arab Emirates	25 (1.5) ▼	54 (1.7) ▼
Qatar	25 (1.5) ▼	54 (1.7) ▼
Georgia	24 (2.6) ▼	54 (2.6) ▼
Belgium (Flemish)	23 (1.4) ▼	59 (1.7) ▼
Netherlands	23 (2.2) ▼	55 (2.5) ▼
Germany	22 (2.0) ▼	48 (1.9) ▼
Chile	21 (1.8) ▼	45 (2.2) ▼
Trinidad and Tobago	20 (1.7) ▼	50 (2.2) ▼
Belgium (French)	19 (1.7) ▼	47 (2.5) ▼
France	19 (1.9) ▼	47 (2.1) ▼
Malta	19 (1.5) ▼	40 (2.1) ▼
Bahrain	18 (1.7) ▼	53 (1.4) ▼
Iran, Islamic Rep. of	17 (1.7) ▼	44 (2.3) ▼
Saudi Arabia	14 (1.9) ▼	49 (2.1) ▼
Oman	14 (1.4) ▼	42 (1.6) ▼
Morocco	6 (1.0) ▼	28 (2.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	57 (2.1) ▲	83 (1.6) ▲
Dubai, UAE	41 (2.4) ▲	70 (1.6) ▲
Ontario, Canada	39 (3.1)	69 (2.4)
Madrid, Spain	39 (2.4)	77 (1.7) ▲
Quebec, Canada	36 (2.7)	72 (2.6) ▲
Andalusia, Spain	30 (1.7) ▼	67 (2.1)
Buenos Aires, Argentina	24 (1.7) ▼	45 (2.0) ▼
Norway (4)	21 (1.8) ▼	42 (2.4) ▼
Abu Dhabi, UAE	18 (1.6) ▼	45 (2.5) ▼
Eng/Afr/Zulu - RSA (5)	13 (1.9) ▼	35 (2.5) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21K08M (Sharks): Sense used to detect prey
Multiple Choice (Key is D)

Country	Percent Correct	
Macao SAR	72 (1.7)	▲
Chinese Taipei	72 (1.8)	▲
Hong Kong SAR	70 (1.9)	▲
Singapore	68 (1.6)	▲
Hungary	68 (2.3)	▲
Finland	67 (2.3)	▲
Norway (5)	67 (1.8)	▲
Czech Republic	67 (1.8)	▲
Italy	66 (1.9)	▲
Denmark	65 (2.1)	▲
England	65 (2.0)	▲
Slovak Republic	62 (2.3)	▲
Spain	61 (1.5)	▲
United States	61 (2.3)	▲
Ireland	60 (1.7)	▲
Poland	60 (2.3)	▲
Latvia	59 (2.3)	▲
Northern Ireland	59 (2.2)	▲
Australia	58 (1.6)	▲
Sweden	58 (2.3)	▲
Canada	58 (1.4)	▲
Israel	57 (1.8)	
Kazakhstan	56 (1.9)	
Slovenia	56 (2.4)	
Russian Federation	55 (2.0)	
Austria	55 (2.1)	
Bulgaria	54 (2.1)	
International Avg.	54 (0.3)	
France	54 (2.2)	
Germany	51 (2.2)	
Netherlands	51 (2.6)	
New Zealand	48 (1.7)	▼
Lithuania	48 (2.3)	▼
Georgia	47 (2.3)	▼
Trinidad and Tobago	47 (2.5)	▼
Belgium (Flemish)	47 (2.0)	▼
Bahrain	46 (1.6)	▼
Oman	45 (1.6)	▼
Portugal	45 (2.2)	▼
United Arab Emirates	44 (1.4)	▼
Belgium (French)	44 (2.5)	▼
Chile	42 (1.9)	▼
Qatar	40 (1.7)	▼
Saudi Arabia	37 (2.3)	▼
Azerbaijan	35 (2.0)	▼
Iran, Islamic Rep. of	33 (2.2)	▼
Malta	31 (1.7)	▼
Morocco	29 (2.0)	▼
Benchmarking Participants		
Madrid, Spain	64 (2.2)	▲
Moscow City, Russian Fed.	59 (2.1)	▲
Ontario, Canada	59 (2.9)	
Dubai, UAE	57 (1.7)	
Andalusia, Spain	57 (2.1)	
Quebec, Canada	57 (2.6)	
Norway (4)	56 (2.3)	
Buenos Aires, Argentina	37 (2.0)	▼
Abu Dhabi, UAE	34 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	30 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K09M (Sharks): How diagram explains good hunters
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	87 (1.1)	▲
Chinese Taipei	86 (1.5)	▲
Sweden	83 (1.7)	▲
Macao SAR	82 (1.5)	▲
England	82 (1.4)	▲
Finland	81 (1.7)	▲
Russian Federation	81 (1.5)	▲
Hong Kong SAR	81 (2.1)	▲
Norway (5)	79 (1.7)	▲
Ireland	79 (1.8)	▲
United States	79 (1.8)	▲
Northern Ireland	78 (1.9)	▲
Latvia	78 (1.8)	▲
Hungary	77 (1.9)	▲
Australia	77 (1.6)	▲
Poland	77 (1.8)	▲
Denmark	76 (1.9)	▲
Canada	75 (1.3)	▲
Italy	72 (1.9)	▲
Israel	71 (1.8)	▲
Portugal	71 (1.9)	▲
Czech Republic	69 (1.8)	
New Zealand	68 (1.9)	
Slovak Republic	68 (2.1)	
Kazakhstan	66 (2.0)	
Netherlands	66 (2.0)	
Austria	66 (2.4)	
International Avg.	66 (0.3)	
Germany	65 (2.0)	
Spain	65 (1.6)	
Trinidad and Tobago	64 (2.2)	
Bulgaria	63 (1.7)	
Belgium (Flemish)	63 (2.2)	
Azerbaijan	59 (2.2)	▼
Lithuania	56 (2.2)	▼
France	56 (2.2)	▼
Slovenia	55 (2.2)	▼
United Arab Emirates	55 (1.4)	▼
Qatar	52 (1.6)	▼
Malta	52 (2.2)	▼
Belgium (French)	52 (2.1)	▼
Bahrain	50 (1.9)	▼
Chile	42 (2.5)	▼
Oman	42 (1.3)	▼
Georgia	42 (2.7)	▼
Saudi Arabia	40 (2.0)	▼
Iran, Islamic Rep. of	39 (2.7)	▼
Morocco	26 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.3)	▲
Ontario, Canada	77 (2.8)	▲
Dubai, UAE	73 (1.1)	▲
Madrid, Spain	72 (1.8)	▲
Quebec, Canada	70 (2.8)	
Norway (4)	65 (2.3)	
Andalusia, Spain	65 (2.2)	
Abu Dhabi, UAE	47 (2.6)	▼
Buenos Aires, Argentina	44 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	37 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K10C (Sharks): Order of senses when hunting
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Ireland	41 (2.7) ▲	55 (2.5) ▲
Russian Federation	41 (2.0) ▲	59 (1.9) ▲
Northern Ireland	39 (1.8) ▲	54 (2.1) ▲
Poland	38 (2.3) ▲	65 (2.1) ▲
Singapore	38 (1.7) ▲	43 (1.8) ▲
Finland	37 (2.0) ▲	61 (2.2) ▲
England	33 (1.8) ▲	50 (1.9) ▲
United States	32 (2.0) ▲	47 (2.2) ▲
Sweden	32 (1.8) ▲	60 (2.4) ▲
New Zealand	31 (1.7) ▲	46 (2.1) ▲
Canada	30 (1.5) ▲	47 (1.5) ▲
Macao SAR	30 (1.7) ▲	39 (1.8)
Denmark	30 (2.3) ▲	57 (2.2) ▲
Slovak Republic	29 (2.0) ▲	46 (2.5) ▲
Hong Kong SAR	29 (2.3) ▲	46 (2.9) ▲
Hungary	28 (1.9) ▲	48 (2.0) ▲
Slovenia	27 (2.3) ▲	53 (2.4) ▲
Australia	27 (2.0) ▲	44 (2.2) ▲
Netherlands	26 (2.0)	48 (2.3) ▲
Spain	26 (1.3) ▲	49 (1.7) ▲
Latvia	26 (2.0)	49 (2.6) ▲
Lithuania	25 (2.2)	36 (2.2)
Norway (5)	24 (1.8)	46 (2.2) ▲
Bulgaria	24 (1.6)	41 (2.2)
Czech Republic	23 (1.9)	44 (2.3) ▲
Chinese Taipei	23 (2.0)	39 (2.2)
International Avg.	22 (0.3)	38 (0.3)
Israel	22 (1.6)	38 (1.9)
Italy	21 (1.6)	36 (2.2)
Germany	21 (1.6)	42 (1.9) ▲
Belgium (Flemish)	20 (1.6)	35 (1.8)
France	17 (2.0) ▼	29 (2.1) ▼
Austria	17 (1.9) ▼	41 (2.4)
Chile	15 (1.6) ▼	32 (2.1) ▼
Kazakhstan	15 (1.4) ▼	50 (2.2) ▲
Portugal	14 (1.5) ▼	25 (1.7) ▼
Trinidad and Tobago	12 (1.6) ▼	22 (1.8) ▼
Belgium (French)	11 (1.3) ▼	19 (1.7) ▼
Qatar	11 (0.8) ▼	24 (1.3) ▼
United Arab Emirates	11 (0.9) ▼	21 (1.2) ▼
Georgia	10 (1.4) ▼	24 (2.2) ▼
Azerbaijan	8 (1.1) ▼	24 (1.7) ▼
Iran, Islamic Rep. of	8 (1.3) ▼	15 (1.8) ▼
Saudi Arabia	8 (1.6) ▼	15 (2.0) ▼
Oman	8 (1.0) ▼	18 (1.2) ▼
Bahrain	7 (1.0) ▼	16 (1.5) ▼
Morocco	2 (0.7) ▼	7 (1.0) ▼
Malta	1 (0.3) ▼	2 (0.5) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	55 (2.4) ▲	68 (2.1) ▲
Ontario, Canada	31 (2.9) ▲	46 (2.7) ▲
Madrid, Spain	30 (2.0) ▲	57 (2.3) ▲
Quebec, Canada	28 (2.5) ▲	44 (2.9)
Andalusia, Spain	26 (2.1)	48 (2.1) ▲
Dubai, UAE	22 (1.5)	35 (1.9)
Buenos Aires, Argentina	16 (1.6) ▼	31 (2.0) ▼
Norway (4)	14 (1.6) ▼	34 (2.1)
Abu Dhabi, UAE	8 (1.3) ▼	15 (1.7) ▼
Eng/Afr/Zulu - RSA (5)	3 (0.9) ▼	12 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K11M (Sharks): Sharks with huge mouths
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	82 (1.6)	▲
Austria	76 (1.9)	▲
Hong Kong SAR	76 (2.2)	▲
Denmark	76 (1.7)	▲
Czech Republic	75 (1.8)	▲
Latvia	75 (1.9)	▲
Chinese Taipei	74 (1.7)	▲
Germany	71 (2.1)	▲
Macao SAR	69 (1.6)	▲
Slovenia	68 (1.7)	▲
Australia	68 (2.1)	▲
Finland	68 (1.8)	▲
Sweden	68 (2.0)	▲
Slovak Republic	68 (2.1)	▲
England	68 (1.9)	▲
Ireland	67 (2.0)	▲
United States	67 (2.0)	▲
Canada	66 (1.7)	▲
Norway (5)	65 (2.0)	▲
France	65 (2.1)	▲
Hungary	65 (1.9)	▲
Northern Ireland	65 (2.4)	▲
Italy	64 (1.9)	▲
Belgium (French)	63 (1.9)	▲
Kazakhstan	62 (2.2)	
Lithuania	62 (2.5)	
Belgium (Flemish)	61 (1.8)	
Poland	60 (2.1)	
Singapore	60 (1.3)	
New Zealand	59 (1.9)	
International Avg.	59 (0.3)	
Azerbaijan	59 (2.1)	
Spain	58 (2.0)	
Netherlands	57 (1.9)	
Portugal	51 (1.9)	▼
Chile	48 (2.4)	▼
Israel	48 (2.2)	▼
Trinidad and Tobago	47 (2.5)	▼
Georgia	46 (2.2)	▼
Malta	41 (1.9)	▼
Saudi Arabia	39 (2.3)	▼
Bulgaria	37 (2.2)	▼
United Arab Emirates	37 (1.4)	▼
Oman	36 (1.7)	▼
Iran, Islamic Rep. of	35 (2.2)	▼
Qatar	33 (1.2)	▼
Bahrain	28 (1.7)	▼
Morocco	27 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	89 (1.2)	▲
Quebec, Canada	71 (2.4)	▲
Madrid, Spain	67 (2.1)	▲
Ontario, Canada	62 (3.2)	
Andalusia, Spain	57 (2.1)	
Dubai, UAE	49 (1.8)	▼
Norway (4)	45 (2.1)	▼
Buenos Aires, Argentina	43 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	32 (2.4)	▼
Abu Dhabi, UAE	32 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21K12C (Sharks): Shark information table
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	61 (2.0) ▲	83 (1.4) ▲	94 (0.8) ▲
Russian Federation	57 (1.9) ▲	78 (1.7) ▲	95 (0.9) ▲
Chinese Taipei	56 (2.1) ▲	82 (1.4) ▲	92 (0.9) ▲
Poland	50 (2.5) ▲	71 (1.8) ▲	92 (1.3) ▲
Macao SAR	45 (1.7) ▲	78 (1.9) ▲	90 (1.1) ▲
Kazakhstan	43 (1.9) ▲	72 (1.6) ▲	90 (1.1) ▲
Hong Kong SAR	42 (2.3) ▲	81 (1.9) ▲	92 (1.3) ▲
Norway (5)	40 (2.4) ▲	66 (2.5) ▲	87 (1.6) ▲
Hungary	39 (2.0) ▲	68 (2.2) ▲	84 (1.8) ▲
Netherlands	38 (1.9) ▲	66 (1.7) ▲	87 (1.3) ▲
Northern Ireland	38 (2.3) ▲	69 (2.3) ▲	86 (1.5) ▲
England	37 (1.9) ▲	71 (1.7) ▲	89 (1.1) ▲
Ireland	36 (2.2) ▲	64 (2.2) ▲	83 (1.8) ▲
Denmark	35 (2.0) ▲	64 (1.9) ▲	81 (1.8) ▲
Slovenia	35 (1.9) ▲	66 (1.9) ▲	86 (1.5) ▲
Israel	35 (2.1) ▲	60 (2.0) ▲	80 (1.7) ▲
Finland	35 (2.2) ▲	66 (2.0) ▲	87 (1.5) ▲
Bulgaria	35 (1.8) ▲	59 (2.0)	81 (1.8)
Slovak Republic	34 (1.9)	58 (2.4)	82 (2.0)
Canada	34 (1.7)	62 (1.7) ▲	83 (1.2) ▲
United States	34 (1.9)	62 (2.3) ▲	82 (1.8) ▲
Belgium (Flemish)	34 (1.8)	63 (1.8) ▲	87 (1.4) ▲
Australia	33 (2.1)	63 (2.2) ▲	85 (1.6) ▲
Italy	33 (2.1)	59 (2.2)	85 (1.3) ▲
Austria	32 (2.1)	58 (2.3)	81 (1.7)
New Zealand	31 (1.6)	55 (1.9)	77 (1.8)
Czech Republic	31 (1.6)	57 (1.8)	80 (1.9)
International Avg.	31 (0.3)	56 (0.3)	78 (0.2)
Sweden	30 (1.9)	57 (2.3)	77 (1.8)
Spain	29 (1.7)	60 (1.7) ▲	83 (1.3) ▲
Latvia	28 (2.0)	62 (2.6) ▲	90 (1.6) ▲
Germany	26 (1.7) ▼	59 (2.1)	85 (1.5) ▲
Azerbaijan	25 (1.8) ▼	44 (2.1) ▼	66 (2.2) ▼
Lithuania	25 (2.0) ▼	55 (2.7)	81 (2.1)
Belgium (French)	25 (1.7) ▼	49 (2.0) ▼	72 (2.1) ▼
Trinidad and Tobago	23 (2.0) ▼	46 (2.3) ▼	70 (2.3) ▼
Qatar	20 (1.2) ▼	39 (1.5) ▼	61 (1.2) ▼
United Arab Emirates	20 (1.0) ▼	42 (1.5) ▼	64 (1.6) ▼
Oman	19 (1.4) ▼	35 (1.5) ▼	56 (1.6) ▼
Portugal	19 (1.6) ▼	43 (2.0) ▼	77 (1.7)
Georgia	19 (2.4) ▼	38 (2.4) ▼	65 (2.1) ▼
Chile	18 (1.9) ▼	44 (2.0) ▼	67 (1.8) ▼
France	16 (1.7) ▼	37 (2.0) ▼	71 (1.9) ▼
Bahrain	15 (1.4) ▼	34 (1.9) ▼	64 (1.7) ▼
Malta	15 (1.2) ▼	35 (1.8) ▼	65 (1.8) ▼
Saudi Arabia	9 (1.2) ▼	26 (1.8) ▼	55 (2.3) ▼
Morocco	7 (1.0) ▼	13 (1.6) ▼	33 (2.2) ▼
Iran, Islamic Rep. of	2 (0.5) ▼	19 (1.8) ▼	46 (2.9) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	57 (2.1) ▲	85 (1.3) ▲	96 (0.7) ▲
Quebec, Canada	38 (3.0) ▲	70 (2.3) ▲	87 (1.5) ▲
Madrid, Spain	36 (1.8) ▲	68 (1.7) ▲	91 (1.3) ▲
Ontario, Canada	33 (3.2)	58 (3.4)	82 (2.2)
Dubai, UAE	30 (1.3)	61 (1.5) ▲	81 (1.2) ▲
Andalusia, Spain	26 (1.9) ▼	54 (2.5)	80 (1.9)
Norway (4)	23 (1.6) ▼	44 (2.0) ▼	66 (2.0) ▼
Buenos Aires, Argentina	20 (1.5) ▼	39 (2.0) ▼	60 (2.4) ▼
Abu Dhabi, UAE	16 (1.7) ▼	31 (2.2) ▼	50 (2.6) ▼
Eng/Afr/Zulu - RSA (5)	7 (1.1) ▼	19 (1.8) ▼	42 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E01C (How Did We Learn to Fly?): Who invented the first kites
Constructed Response (1 Point)

Country	Percent Correct	
Portugal	100 (0.0)	▲
Italy	100 (0.1)	▲
Norway (5)	100 (0.1)	▲
Poland	100 (0.2)	▲
Ireland	100 (0.2)	▲
Austria	100 (0.3)	▲
Netherlands	99 (0.4)	▲
Lithuania	99 (0.3)	▲
Canada	99 (0.2)	▲
Singapore	99 (0.3)	▲
Russian Federation	99 (0.5)	▲
Slovenia	99 (0.4)	▲
Belgium (Flemish)	99 (0.5)	▲
Finland	99 (0.4)	▲
France	99 (0.4)	▲
Georgia	99 (0.4)	▲
Germany	99 (0.6)	▲
United States	99 (0.4)	▲
Belgium (French)	99 (0.5)	▲
England	98 (0.4)	▲
Bulgaria	98 (0.8)	▲
Northern Ireland	98 (0.7)	▲
Czech Republic	98 (0.6)	▲
Chile	98 (0.7)	▲
Denmark	98 (0.8)	▲
Latvia	98 (0.7)	▲
Israel	98 (0.6)	▲
Australia	98 (0.4)	▲
Sweden	97 (0.7)	
Hungary	97 (0.7)	
New Zealand	97 (0.9)	
International Avg.	96 (0.1)	
Malta	95 (0.8)	
Spain	95 (0.7)	
Kazakhstan	95 (1.1)	
Trinidad and Tobago	95 (1.2)	
Slovak Republic	95 (1.1)	
Bahrain	94 (0.7)	▼
Azerbaijan	93 (0.9)	▼
Saudi Arabia	92 (1.2)	▼
Chinese Taipei	92 (1.1)	▼
Hong Kong SAR	92 (1.1)	▼
United Arab Emirates	90 (0.9)	▼
Qatar	90 (0.9)	▼
Macao SAR	90 (1.0)	▼
Oman	87 (1.1)	▼
Iran, Islamic Rep. of	83 (2.3)	▼
Morocco	75 (3.2)	▼
Benchmarking Participants		
Quebec, Canada	100 (0.1)	▲
Moscow City, Russian Fed.	100 (0.2)	▲
Norway (4)	99 (0.4)	▲
Ontario, Canada	99 (0.5)	▲
Dubai, UAE	97 (0.4)	
Madrid, Spain	95 (1.1)	
Andalusia, Spain	92 (1.2)	▼
Eng/Afr/Zulu - RSA (5)	88 (2.1)	▼
Abu Dhabi, UAE	86 (1.6)	▼
Buenos Aires, Argentina	81 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E02C (How Did We Learn to Fly?): What were the first kites made from
Constructed Response (1 Point)

Country	Percent Correct	
Spain	98 (0.3)	▲
Russian Federation	98 (0.6)	▲
Poland	98 (0.5)	▲
Italy	98 (0.6)	▲
Latvia	98 (0.6)	▲
Sweden	98 (0.6)	▲
Ireland	98 (0.8)	▲
Denmark	97 (0.7)	▲
Chile	97 (0.8)	▲
Slovenia	97 (0.6)	▲
Austria	97 (0.8)	▲
England	96 (0.6)	▲
Czech Republic	96 (0.7)	▲
Germany	96 (1.2)	▲
Lithuania	96 (0.9)	▲
Northern Ireland	96 (0.9)	▲
Portugal	96 (0.6)	▲
Hungary	95 (1.4)	▲
Slovak Republic	95 (0.8)	▲
Georgia	95 (0.7)	▲
Bulgaria	95 (1.4)	▲
Singapore	95 (0.7)	▲
Chinese Taipei	94 (1.0)	▲
Australia	94 (0.9)	▲
Finland	94 (1.0)	▲
Canada	93 (0.6)	▲
United States	93 (1.1)	▲
Hong Kong SAR	92 (1.2)	
New Zealand	91 (1.1)	
International Avg.	89 (0.2)	
Macao SAR	89 (1.1)	
Israel	89 (1.3)	
France	88 (1.6)	
Norway (5)	86 (1.7)	▼
Kazakhstan	85 (1.6)	▼
Azerbaijan	84 (1.7)	▼
Trinidad and Tobago	84 (1.7)	▼
Bahrain	81 (1.2)	▼
Iran, Islamic Rep. of	80 (2.4)	▼
Belgium (French)	80 (1.8)	▼
Qatar	79 (1.0)	▼
United Arab Emirates	77 (1.3)	▼
Netherlands	76 (1.9)	▼
Saudi Arabia	74 (1.8)	▼
Oman	70 (1.2)	▼
Belgium (Flemish)	61 (1.9)	▼
Morocco	59 (2.5)	▼
Malta	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	99 (0.4)	▲
Madrid, Spain	99 (0.5)	▲
Andalusia, Spain	98 (0.7)	▲
Buenos Aires, Argentina	96 (0.8)	▲
Ontario, Canada	93 (1.0)	▲
Quebec, Canada	91 (1.4)	
Dubai, UAE	89 (1.3)	
Norway (4)	77 (1.7)	▼
Abu Dhabi, UAE	70 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	56 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

L21E03M (How Did We Learn to Fly?): Why first kites were for rich people
Multiple Choice (Key is D)

Country	Percent Correct	
Netherlands	97 (0.9)	▲
Norway (5)	95 (0.9)	▲
Poland	93 (1.2)	▲
Russian Federation	92 (1.2)	▲
Slovenia	91 (1.2)	▲
Chinese Taipei	91 (1.3)	▲
Hong Kong SAR	89 (1.6)	▲
Bulgaria	89 (1.9)	▲
Belgium (Flemish)	89 (1.4)	▲
Finland	87 (1.6)	▲
Singapore	87 (1.2)	▲
Sweden	87 (1.3)	▲
Northern Ireland	87 (1.4)	▲
Italy	87 (1.3)	▲
Latvia	87 (1.6)	▲
Ireland	87 (1.6)	▲
Lithuania	86 (1.9)	▲
Hungary	85 (1.7)	▲
United States	85 (1.7)	▲
Israel	84 (1.2)	▲
Spain	84 (1.3)	▲
Germany	83 (1.7)	▲
Slovak Republic	83 (1.5)	▲
Denmark	83 (1.9)	▲
England	83 (1.4)	▲
Kazakhstan	82 (1.8)	▲
Macao SAR	82 (1.5)	▲
Austria	81 (1.6)	▲
Canada	81 (1.4)	▲
Czech Republic	80 (1.5)	▲
Australia	80 (1.5)	▲
Portugal	79 (1.7)	▲
International Avg.	78 (0.2)	
Azerbaijan	78 (2.0)	▲
France	78 (1.8)	▲
New Zealand	73 (2.0)	▼
Belgium (French)	72 (2.0)	▼
Georgia	66 (2.4)	▼
Malta	65 (2.1)	▼
Bahrain	60 (1.7)	▼
Chile	59 (1.9)	▼
United Arab Emirates	59 (1.6)	▼
Qatar	58 (1.5)	▼
Trinidad and Tobago	55 (2.1)	▼
Morocco	54 (2.2)	▼
Oman	52 (1.7)	▼
Saudi Arabia	50 (2.0)	▼
Iran, Islamic Rep. of	49 (2.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	95 (0.9)	▲
Madrid, Spain	90 (1.3)	▲
Andalusia, Spain	86 (1.4)	▲
Norway (4)	86 (1.6)	▲
Ontario, Canada	83 (1.9)	▲
Quebec, Canada	82 (2.3)	▲
Dubai, UAE	74 (1.1)	▼
Buenos Aires, Argentina	57 (2.3)	▼
Abu Dhabi, UAE	50 (2.5)	▼
Eng/Afr/Zulu - RSA (5)	29 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E04M (How Did We Learn to Fly?): How Marco Polo found out about kites
Multiple Choice (Key is B)

Country	Percent Correct	
Hong Kong SAR	92 (1.2)	▲
Macao SAR	90 (1.0)	▲
Netherlands	89 (1.5)	▲
Russian Federation	87 (1.4)	▲
Ireland	87 (1.7)	▲
Sweden	85 (1.2)	▲
Italy	85 (1.6)	▲
Chinese Taipei	85 (1.7)	▲
Poland	84 (1.8)	▲
Norway (5)	84 (1.4)	▲
France	84 (1.6)	▲
Slovenia	83 (1.6)	▲
Bulgaria	83 (2.1)	▲
Finland	83 (1.8)	▲
Israel	82 (1.7)	▲
Spain	81 (1.5)	▲
Lithuania	81 (2.0)	▲
Singapore	81 (1.3)	▲
Portugal	81 (2.0)	▲
Slovak Republic	80 (1.6)	▲
England	80 (1.5)	▲
Hungary	80 (1.8)	▲
Northern Ireland	80 (1.8)	▲
Georgia	79 (1.7)	▲
Austria	78 (1.9)	▲
Chile	77 (1.8)	▲
Canada	77 (1.3)	▲
Australia	76 (1.8)	▲
Latvia	76 (2.0)	▲
United States	75 (1.7)	▲
Denmark	75 (1.7)	▲
Kazakhstan	74 (1.7)	▲
International Avg.	74 (0.3)	
Czech Republic	74 (2.0)	▲
Germany	72 (1.8)	▲
New Zealand	69 (1.7)	▼
Belgium (Flemish)	69 (2.0)	▼
Malta	67 (1.9)	▼
Trinidad and Tobago	66 (2.3)	▼
Belgium (French)	65 (2.1)	▼
United Arab Emirates	64 (1.3)	▼
Qatar	57 (1.4)	▼
Azerbaijan	54 (2.1)	▼
Bahrain	53 (1.5)	▼
Iran, Islamic Rep. of	45 (2.8)	▼
Oman	43 (1.6)	▼
Saudi Arabia	42 (2.4)	▼
Morocco	33 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.2)	▲
Madrid, Spain	87 (1.3)	▲
Quebec, Canada	82 (2.5)	▲
Andalusia, Spain	78 (1.8)	▲
Ontario, Canada	78 (2.4)	▲
Norway (4)	76 (1.8)	▲
Dubai, UAE	75 (1.6)	▲
Buenos Aires, Argentina	66 (2.6)	▼
Abu Dhabi, UAE	57 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	47 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E05M (How Did We Learn to Fly?): Why were soldiers sometimes tied on to kites
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	98 (0.5)	▲
Hong Kong SAR	98 (0.6)	▲
Netherlands	97 (0.7)	▲
Russian Federation	97 (0.8)	▲
Chinese Taipei	97 (0.7)	▲
Macao SAR	97 (0.6)	▲
Norway (5)	97 (0.7)	▲
Ireland	97 (0.8)	▲
Austria	97 (0.6)	▲
Finland	97 (0.7)	▲
England	97 (0.6)	▲
Sweden	96 (0.8)	▲
Lithuania	96 (0.9)	▲
Germany	96 (0.9)	▲
Belgium (Flemish)	96 (0.8)	▲
Latvia	96 (0.9)	▲
United States	96 (0.9)	▲
Czech Republic	95 (0.8)	▲
Canada	95 (0.8)	▲
Northern Ireland	95 (1.0)	▲
Bulgaria	95 (1.1)	▲
Poland	95 (1.1)	▲
Portugal	95 (0.9)	▲
Italy	95 (0.9)	▲
Denmark	94 (1.4)	▲
Spain	93 (0.8)	▲
Slovenia	93 (1.2)	
Australia	93 (1.0)	▲
France	93 (1.1)	
Israel	92 (1.1)	
New Zealand	92 (1.2)	
Slovak Republic	91 (1.2)	
International Avg.	91 (0.2)	
Belgium (French)	90 (1.3)	
Trinidad and Tobago	88 (1.7)	
Chile	88 (1.4)	
Georgia	87 (1.5)	▼
Kazakhstan	87 (1.3)	▼
Bahrain	85 (1.0)	▼
Hungary	84 (1.7)	▼
Qatar	84 (0.9)	▼
Azerbaijan	83 (1.6)	▼
United Arab Emirates	83 (1.0)	▼
Malta	76 (1.9)	▼
Iran, Islamic Rep. of	74 (2.5)	▼
Saudi Arabia	74 (1.9)	▼
Oman	67 (1.4)	▼
Morocco	67 (2.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.6)	▲
Quebec, Canada	98 (0.7)	▲
Ontario, Canada	97 (0.8)	▲
Madrid, Spain	96 (0.8)	▲
Norway (4)	96 (0.9)	▲
Dubai, UAE	94 (0.7)	▲
Andalusia, Spain	92 (1.4)	
Buenos Aires, Argentina	89 (1.3)	
Abu Dhabi, UAE	73 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	64 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E06M (How Did We Learn to Fly?): What kind of kite did an Australian invent
Multiple Choice (Key is C)

Country	Percent Correct	
Ireland	100 (0.1)	▲
Norway (5)	100 (0.2)	▲
Macao SAR	99 (0.3)	▲
Italy	99 (0.4)	▲
Singapore	99 (0.3)	▲
Slovenia	99 (0.3)	▲
England	99 (0.4)	▲
Austria	99 (0.5)	▲
Sweden	99 (0.3)	▲
Spain	99 (0.4)	▲
Portugal	99 (0.5)	▲
Russian Federation	99 (0.4)	▲
Hungary	99 (0.5)	▲
Lithuania	99 (0.5)	▲
Finland	99 (0.5)	▲
Latvia	99 (0.5)	▲
Germany	99 (0.5)	▲
Hong Kong SAR	99 (0.5)	▲
Netherlands	99 (0.6)	▲
Chinese Taipei	99 (0.4)	▲
United States	98 (0.5)	▲
Northern Ireland	98 (0.6)	▲
Poland	98 (0.6)	▲
Czech Republic	98 (0.6)	▲
Belgium (Flemish)	98 (0.5)	▲
Chile	97 (0.7)	▲
New Zealand	97 (0.6)	▲
Denmark	97 (0.8)	
Israel	97 (0.7)	
Slovak Republic	97 (0.9)	
Canada	97 (0.6)	
Australia	97 (0.7)	
France	96 (0.7)	
Belgium (French)	96 (0.9)	
International Avg.	96 (0.1)	
Trinidad and Tobago	95 (1.1)	
Kazakhstan	95 (0.8)	
Bulgaria	95 (1.0)	
Georgia	94 (1.2)	
Malta	93 (1.0)	▼
Azerbaijan	92 (1.2)	▼
Bahrain	92 (1.0)	▼
United Arab Emirates	91 (0.7)	▼
Qatar	89 (0.9)	▼
Iran, Islamic Rep. of	87 (1.8)	▼
Saudi Arabia	83 (1.5)	▼
Oman	79 (1.2)	▼
Morocco	78 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	100 (0.3)	▲
Madrid, Spain	99 (0.4)	▲
Quebec, Canada	99 (0.5)	▲
Andalusia, Spain	98 (0.6)	▲
Norway (4)	98 (0.6)	▲
Dubai, UAE	97 (0.5)	▲
Ontario, Canada	97 (0.9)	
Buenos Aires, Argentina	94 (1.0)	
Eng/Afr/Zulu - RSA (5)	90 (1.4)	▼
Abu Dhabi, UAE	88 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E07C (How Did We Learn to Fly?): Two things Australian did to make kites lift a man
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	78 (1.4) ▲	95 (0.8) ▲
Portugal	77 (1.5) ▲	92 (1.0) ▲
Hong Kong SAR	76 (1.8) ▲	93 (1.1) ▲
Latvia	73 (2.3) ▲	91 (1.1) ▲
Russian Federation	73 (1.7) ▲	93 (1.1) ▲
Bulgaria	72 (2.5) ▲	87 (1.8) ▲
Chinese Taipei	71 (1.7) ▲	90 (1.2) ▲
Poland	71 (2.0) ▲	89 (1.3) ▲
Australia	69 (1.8) ▲	88 (1.2) ▲
Macao SAR	69 (1.8) ▲	89 (1.1) ▲
Norway (5)	68 (2.0) ▲	89 (1.2) ▲
Lithuania	67 (2.1) ▲	90 (1.3) ▲
Chile	67 (2.3) ▲	86 (1.7) ▲
Slovenia	66 (2.1) ▲	85 (1.7) ▲
Israel	65 (1.8) ▲	84 (1.3) ▲
Kazakhstan	65 (2.0) ▲	86 (1.5) ▲
Germany	63 (2.0) ▲	88 (1.3) ▲
Netherlands	63 (2.3) ▲	93 (1.2) ▲
Ireland	63 (2.3) ▲	90 (1.6) ▲
Belgium (Flemish)	63 (1.9) ▲	90 (1.1) ▲
France	62 (2.5) ▲	79 (1.6) ▲
Austria	61 (2.0) ▲	87 (1.7) ▲
Northern Ireland	60 (2.1) ▲	90 (1.2) ▲
Slovak Republic	58 (2.1) ▲	85 (1.4) ▲
Canada	58 (1.6) ▲	85 (1.2) ▲
Czech Republic	58 (1.6) ▲	87 (1.3) ▲
International Avg.	57 (0.3)	81 (0.2)
Italy	57 (2.4) ▲	86 (1.5) ▲
Sweden	55 (2.4) ▲	80 (1.7) ▲
Finland	54 (2.3) ▲	85 (1.7) ▲
England	54 (2.0) ▲	90 (1.1) ▲
Belgium (French)	54 (2.5) ▲	82 (1.8) ▲
Trinidad and Tobago	53 (1.8) ▼	79 (2.0) ▼
Denmark	53 (1.9) ▼	80 (1.7) ▼
Bahrain	52 (2.1) ▼	74 (1.5) ▼
United States	52 (1.8) ▼	85 (1.5) ▲
New Zealand	47 (2.1) ▼	82 (1.3) ▼
Spain	47 (1.5) ▼	82 (1.4) ▼
Azerbaijan	47 (1.8) ▼	71 (1.9) ▼
Qatar	46 (2.0) ▼	67 (1.6) ▼
Oman	42 (1.7) ▼	63 (1.6) ▼
United Arab Emirates	41 (1.8) ▼	66 (1.4) ▼
Iran, Islamic Rep. of	39 (2.7) ▼	54 (2.6) ▼
Malta	38 (2.1) ▼	70 (1.8) ▼
Saudi Arabia	37 (2.4) ▼	67 (1.9) ▼
Georgia	34 (2.0) ▼	69 (1.9) ▼
Morocco	24 (2.0) ▼	51 (2.4) ▼
Hungary	23 (1.7) ▼	45 (2.0) ▼
Benchmarking Participants		
Quebec, Canada	76 (2.2) ▲	93 (1.4) ▲
Moscow City, Russian Fed.	73 (2.0) ▲	96 (0.8) ▲
Buenos Aires, Argentina	59 (2.1) ▲	86 (1.6) ▲
Dubai, UAE	57 (1.4) ▲	83 (1.0) ▲
Ontario, Canada	54 (3.0) ▲	82 (2.3) ▲
Norway (4)	52 (1.9) ▼	77 (1.8) ▼
Madrid, Spain	51 (2.0) ▼	88 (1.4) ▲
Eng/Afr/Zulu - RSA (5)	45 (2.8) ▼	69 (2.8) ▼
Andalusia, Spain	44 (2.0) ▼	82 (1.7) ▼
Abu Dhabi, UAE	29 (2.2) ▼	54 (2.2) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

L21E08M (How Did We Learn to Fly?): Why was the Australian's invention important
Multiple Choice (Key is C)

Country	Percent Correct	
Lithuania	94 (1.2)	▲
Slovenia	93 (1.3)	▲
Portugal	93 (1.4)	▲
Finland	93 (1.1)	▲
Italy	92 (1.1)	▲
Latvia	92 (1.3)	▲
Austria	92 (1.2)	▲
Poland	92 (1.2)	▲
Macao SAR	91 (1.2)	▲
Ireland	91 (1.3)	▲
Spain	91 (1.0)	▲
Hong Kong SAR	90 (1.3)	▲
Czech Republic	89 (1.3)	▲
Slovak Republic	89 (1.2)	▲
Germany	89 (1.4)	▲
Russian Federation	89 (1.3)	▲
Sweden	88 (1.4)	▲
France	87 (1.5)	▲
Norway (5)	86 (1.3)	▲
Hungary	86 (1.4)	▲
Chinese Taipei	85 (1.5)	▲
Bulgaria	85 (1.8)	▲
Belgium (French)	83 (1.7)	▲
Singapore	82 (1.3)	▲
Northern Ireland	81 (1.9)	
Belgium (Flemish)	81 (1.6)	
Canada	81 (1.2)	
Israel	80 (1.6)	
Netherlands	79 (1.7)	
International Avg.	79 (0.2)	
England	79 (1.6)	
Australia	78 (1.4)	
Chile	78 (2.0)	
Denmark	77 (1.6)	
New Zealand	76 (1.6)	
Georgia	74 (2.3)	▼
United States	74 (1.8)	▼
Kazakhstan	69 (1.8)	▼
Bahrain	67 (1.4)	▼
Qatar	61 (1.1)	▼
Azerbaijan	61 (1.9)	▼
United Arab Emirates	60 (1.4)	▼
Malta	59 (2.0)	▼
Trinidad and Tobago	58 (2.2)	▼
Oman	52 (1.4)	▼
Iran, Islamic Rep. of	52 (2.6)	▼
Saudi Arabia	47 (2.2)	▼
Morocco	42 (2.6)	▼
Benchmarking Participants		
Madrid, Spain	94 (1.1)	▲
Quebec, Canada	91 (1.7)	▲
Andalusia, Spain	91 (1.4)	▲
Moscow City, Russian Fed.	90 (1.3)	▲
Buenos Aires, Argentina	82 (1.8)	
Norway (4)	78 (1.5)	
Ontario, Canada	78 (2.3)	
Dubai, UAE	76 (1.5)	
Abu Dhabi, UAE	51 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E09M (How Did We Learn to Fly?): What does photograph help you to understand
Multiple Choice (Key is A)

Country	Percent Correct	
Poland	76 (1.7)	▲
England	75 (1.6)	▲
Ireland	75 (2.5)	▲
Finland	74 (1.8)	▲
Northern Ireland	71 (1.9)	▲
Netherlands	71 (1.9)	▲
Germany	71 (1.9)	▲
Denmark	69 (2.4)	▲
Norway (5)	68 (1.8)	▲
Slovak Republic	68 (1.8)	▲
Austria	68 (2.0)	▲
Hong Kong SAR	68 (2.2)	▲
Hungary	68 (2.2)	▲
United States	67 (1.9)	▲
Slovenia	67 (2.1)	▲
Sweden	67 (1.8)	▲
Azerbaijan	67 (2.0)	▲
Israel	66 (1.8)	▲
Russian Federation	66 (1.9)	▲
Italy	65 (2.3)	
Australia	65 (1.7)	▲
Belgium (French)	64 (2.3)	
Belgium (Flemish)	63 (2.0)	
Latvia	63 (2.1)	
Singapore	62 (1.5)	
Czech Republic	62 (1.9)	
Chile	62 (2.3)	
Kazakhstan	62 (1.9)	
International Avg.	61 (0.3)	
Lithuania	60 (2.3)	
Canada	60 (1.5)	
France	59 (2.0)	
Portugal	58 (2.0)	
Georgia	58 (2.5)	
New Zealand	58 (2.2)	
Macao SAR	56 (2.1)	▼
Chinese Taipei	54 (2.4)	▼
Bahrain	53 (2.3)	▼
Bulgaria	53 (2.3)	▼
Spain	52 (1.6)	▼
Malta	51 (2.1)	▼
Saudi Arabia	51 (1.6)	▼
Trinidad and Tobago	49 (2.2)	▼
Iran, Islamic Rep. of	49 (2.6)	▼
Oman	48 (1.5)	▼
Qatar	48 (2.0)	▼
United Arab Emirates	47 (1.2)	▼
Morocco	39 (2.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	71 (2.1)	▲
Quebec, Canada	65 (2.5)	
Norway (4)	59 (2.1)	
Madrid, Spain	58 (1.9)	
Ontario, Canada	57 (3.3)	
Dubai, UAE	56 (1.7)	▼
Andalusia, Spain	55 (2.7)	▼
Buenos Aires, Argentina	48 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	41 (1.8)	▼
Abu Dhabi, UAE	40 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E10C (How Did We Learn to Fly?): How many meters could the Bat lift a man
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	99 (0.3)	▲
Lithuania	99 (0.4)	▲
Latvia	99 (0.5)	▲
Norway (5)	99 (0.4)	▲
Chinese Taipei	99 (0.4)	▲
Poland	99 (0.5)	▲
Singapore	99 (0.4)	▲
Macao SAR	99 (0.5)	▲
Slovenia	98 (0.4)	▲
Hong Kong SAR	98 (0.7)	▲
Hungary	98 (0.6)	▲
Ireland	98 (0.6)	▲
Sweden	98 (0.6)	▲
Portugal	98 (0.7)	▲
Belgium (Flemish)	98 (0.6)	▲
Netherlands	98 (0.6)	▲
Kazakhstan	98 (0.6)	▲
Spain	98 (0.5)	▲
Finland	98 (0.8)	▲
England	97 (0.6)	▲
Northern Ireland	97 (0.7)	▲
United States	97 (0.7)	▲
Bulgaria	97 (1.0)	▲
Czech Republic	97 (0.9)	▲
Slovak Republic	97 (0.9)	▲
Italy	96 (0.9)	
Israel	96 (1.0)	
Australia	96 (0.9)	
Denmark	96 (0.9)	
Germany	96 (1.1)	
Chile	95 (1.0)	
Canada	95 (0.9)	
Belgium (French)	95 (1.0)	
France	95 (0.9)	
International Avg.	95 (0.1)	
New Zealand	95 (0.7)	
Austria	95 (1.0)	
Bahrain	94 (0.9)	
Azerbaijan	94 (0.9)	
Trinidad and Tobago	93 (1.1)	
Georgia	93 (1.2)	
United Arab Emirates	90 (0.7)	▼
Malta	90 (1.4)	▼
Qatar	86 (0.9)	▼
Oman	84 (1.1)	▼
Saudi Arabia	81 (1.6)	▼
Iran, Islamic Rep. of	75 (2.9)	▼
Morocco	70 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	100 (0.2)	▲
Madrid, Spain	99 (0.4)	▲
Quebec, Canada	99 (0.4)	▲
Andalusia, Spain	98 (0.5)	▲
Norway (4)	96 (1.0)	
Dubai, UAE	96 (0.5)	
Ontario, Canada	94 (1.9)	
Buenos Aires, Argentina	92 (1.3)	
Abu Dhabi, UAE	85 (1.3)	▼
Eng/Afr/Zulu - RSA (5)	76 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E11M (How Did We Learn to Fly?): Why people stopped using war kites
Multiple Choice (Key is D)

Country	Percent Correct	
Finland	97 (0.8)	▲
Hong Kong SAR	95 (1.0)	▲
Italy	95 (0.9)	▲
Poland	94 (1.0)	▲
Hungary	94 (0.8)	▲
Lithuania	94 (1.2)	▲
Ireland	93 (1.2)	▲
England	93 (0.9)	▲
Singapore	93 (1.0)	▲
Macao SAR	93 (1.0)	▲
Chinese Taipei	93 (1.1)	▲
Sweden	92 (1.3)	▲
United States	91 (1.3)	▲
Spain	91 (0.9)	▲
Austria	91 (1.1)	▲
Germany	90 (1.4)	▲
Russian Federation	90 (1.3)	▲
Portugal	89 (1.1)	▲
Latvia	89 (1.5)	▲
Slovenia	89 (1.5)	▲
Northern Ireland	89 (1.7)	▲
Slovak Republic	88 (1.1)	▲
Bulgaria	88 (1.8)	▲
Australia	86 (1.3)	▲
Canada	86 (1.0)	▲
Czech Republic	85 (1.3)	▲
Israel	84 (1.4)	▲
Chile	84 (1.6)	
Norway (5)	84 (1.6)	
Denmark	84 (1.6)	
New Zealand	83 (1.4)	
International Avg.	81 (0.2)	
Georgia	80 (1.8)	
Netherlands	80 (1.9)	
France	79 (1.7)	
Kazakhstan	76 (1.9)	▼
Belgium (Flemish)	76 (1.9)	▼
Trinidad and Tobago	76 (2.3)	▼
Azerbaijan	76 (2.3)	▼
Belgium (French)	70 (1.8)	▼
Malta	67 (1.6)	▼
United Arab Emirates	59 (1.4)	▼
Iran, Islamic Rep. of	57 (2.7)	▼
Bahrain	56 (1.5)	▼
Qatar	56 (1.0)	▼
Oman	52 (1.6)	▼
Saudi Arabia	50 (2.3)	▼
Morocco	34 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	96 (0.8)	▲
Madrid, Spain	93 (1.2)	▲
Andalusia, Spain	90 (1.2)	▲
Ontario, Canada	86 (1.9)	▲
Quebec, Canada	84 (2.1)	
Dubai, UAE	79 (1.1)	▼
Norway (4)	74 (1.6)	▼
Buenos Aires, Argentina	74 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	53 (2.5)	▼
Abu Dhabi, UAE	50 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E12C (How Did We Learn to Fly?): In which country did the Wright Bros live
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	100 (0.2)	▲
Chinese Taipei	99 (0.4)	▲
Latvia	99 (0.4)	▲
Italy	99 (0.4)	▲
Norway (5)	99 (0.5)	▲
Macao SAR	99 (0.4)	▲
Sweden	99 (0.5)	▲
Germany	99 (0.7)	▲
Hong Kong SAR	98 (0.5)	▲
Lithuania	98 (0.6)	▲
Poland	98 (0.6)	▲
Denmark	98 (0.5)	▲
Singapore	98 (0.5)	▲
Finland	98 (0.8)	▲
Spain	98 (0.5)	▲
Ireland	97 (0.7)	▲
Slovenia	97 (0.8)	▲
England	97 (0.8)	▲
Slovak Republic	97 (0.7)	▲
Portugal	97 (0.9)	▲
Northern Ireland	96 (0.9)	▲
Belgium (French)	96 (0.7)	▲
Kazakhstan	96 (0.8)	▲
Netherlands	96 (0.9)	▲
Canada	96 (0.6)	▲
France	96 (0.7)	▲
Chile	95 (0.9)	▲
Bulgaria	95 (1.2)	
United States	94 (1.1)	
Australia	94 (0.8)	▲
Czech Republic	94 (0.8)	
Hungary	94 (1.0)	
New Zealand	94 (0.7)	
Belgium (Flemish)	93 (1.1)	
Israel	93 (1.0)	
Austria	93 (1.2)	
International Avg.	93 (0.2)	
Azerbaijan	92 (1.7)	
Georgia	90 (1.4)	▼
Malta	88 (1.2)	▼
Trinidad and Tobago	84 (1.9)	▼
Iran, Islamic Rep. of	82 (2.2)	▼
United Arab Emirates	82 (1.1)	▼
Qatar	79 (1.1)	▼
Bahrain	79 (1.4)	▼
Oman	78 (1.5)	▼
Saudi Arabia	77 (2.0)	▼
Morocco	49 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	100 (0.0)	▲
Quebec, Canada	99 (0.4)	▲
Madrid, Spain	99 (0.5)	▲
Andalusia, Spain	97 (0.6)	▲
Norway (4)	97 (0.7)	▲
Ontario, Canada	95 (1.1)	
Dubai, UAE	93 (0.8)	
Buenos Aires, Argentina	92 (1.3)	
Abu Dhabi, UAE	76 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	75 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E13C (How Did We Learn to Fly?): What was the successful first flight
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	77 (1.9)	▲
Singapore	74 (1.6)	▲
Bulgaria	72 (2.1)	▲
Russian Federation	69 (2.0)	▲
Ireland	69 (2.4)	▲
England	68 (1.9)	▲
Hungary	66 (2.0)	▲
Israel	65 (2.3)	▲
United States	65 (2.0)	▲
Finland	63 (2.0)	▲
Portugal	62 (1.9)	▲
Spain	61 (1.2)	▲
Sweden	61 (1.9)	▲
Italy	61 (2.2)	▲
Chinese Taipei	60 (1.9)	
Northern Ireland	60 (2.3)	
Canada	59 (1.2)	▲
Denmark	59 (2.3)	
Netherlands	58 (2.8)	
Bahrain	58 (1.6)	
Australia	58 (2.2)	
Belgium (Flemish)	57 (2.1)	
Germany	56 (2.1)	
International Avg.	56 (0.3)	
New Zealand	55 (2.0)	
Slovak Republic	55 (2.2)	
Austria	55 (2.4)	
Trinidad and Tobago	55 (2.1)	
Macao SAR	55 (1.8)	
Malta	55 (1.9)	
Latvia	55 (2.5)	
France	54 (2.1)	
Lithuania	53 (2.5)	
United Arab Emirates	53 (1.4)	▼
Czech Republic	53 (1.9)	
Poland	52 (2.1)	▼
Slovenia	51 (2.3)	
Oman	51 (1.7)	▼
Qatar	49 (1.4)	▼
Chile	49 (2.0)	▼
Norway (5)	48 (1.9)	▼
Kazakhstan	45 (2.2)	▼
Belgium (French)	43 (2.2)	▼
Iran, Islamic Rep. of	43 (2.7)	▼
Georgia	41 (2.4)	▼
Azerbaijan	39 (2.3)	▼
Saudi Arabia	35 (2.1)	▼
Morocco	28 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	76 (1.6)	▲
Madrid, Spain	70 (2.2)	▲
Dubai, UAE	66 (1.3)	▲
Quebec, Canada	61 (2.4)	▲
Andalusia, Spain	60 (1.8)	▲
Ontario, Canada	59 (1.9)	
Buenos Aires, Argentina	53 (2.2)	
Abu Dhabi, UAE	42 (2.6)	▼
Norway (4)	36 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	34 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E14C (How Did We Learn to Fly?): How was experimental aircraft like a kite
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	50 (2.0) ▲	88 (1.4) ▲
Portugal	47 (2.3) ▲	83 (1.8) ▲
Hong Kong SAR	47 (2.2) ▲	89 (1.3) ▲
Slovenia	45 (2.2) ▲	77 (1.8) ▲
Bulgaria	44 (2.5) ▲	79 (2.4) ▲
Macao SAR	43 (1.9) ▲	84 (1.5) ▲
Poland	38 (2.1) ▲	84 (1.6) ▲
Finland	33 (1.8) ▲	81 (1.8) ▲
Netherlands	33 (1.9) ▲	78 (1.8) ▲
Italy	32 (1.8) ▲	79 (1.6) ▲
Chinese Taipei	30 (1.6) ▲	80 (1.7) ▲
Kazakhstan	30 (1.8) ▲	71 (1.8)
Sweden	29 (1.9)	80 (1.7) ▲
United States	28 (2.2)	80 (1.8) ▲
Norway (5)	28 (2.0)	76 (1.7) ▲
England	28 (1.7)	76 (1.6) ▲
Ireland	28 (2.2)	78 (1.8) ▲
Belgium (French)	28 (2.5)	72 (2.2)
Spain	28 (1.2)	68 (1.6)
Czech Republic	27 (1.7)	75 (1.9) ▲
Northern Ireland	27 (1.9)	79 (2.1) ▲
Latvia	27 (2.0)	81 (1.8) ▲
Lithuania	27 (2.2)	81 (2.1) ▲
Canada	26 (1.4)	76 (1.2) ▲
Australia	26 (1.5)	73 (1.7) ▲
International Avg.	26 (0.3)	70 (0.3)
Bahrain	25 (2.2)	64 (1.5) ▼
Germany	24 (1.6)	60 (2.4) ▼
Israel	24 (1.9)	73 (1.6) ▲
Hungary	23 (1.9)	73 (1.9)
Slovak Republic	22 (1.7) ▼	76 (1.8) ▲
New Zealand	21 (1.4) ▼	68 (1.7)
Chile	19 (2.1) ▼	62 (2.5) ▼
Austria	19 (1.7) ▼	64 (1.8) ▼
Denmark	19 (1.7) ▼	71 (2.2)
Singapore	18 (1.3) ▼	73 (1.6)
Georgia	18 (2.0) ▼	56 (2.6) ▼
Trinidad and Tobago	18 (1.7) ▼	62 (2.2) ▼
Malta	18 (1.7) ▼	62 (2.0) ▼
Saudi Arabia	18 (1.3) ▼	50 (2.4) ▼
France	17 (1.9) ▼	62 (2.1) ▼
Belgium (Flemish)	16 (1.5) ▼	66 (2.2)
Oman	15 (1.1) ▼	56 (1.4) ▼
Qatar	15 (1.1) ▼	56 (1.6) ▼
United Arab Emirates	15 (0.8) ▼	56 (1.3) ▼
Iran, Islamic Rep. of	14 (1.6) ▼	49 (2.6) ▼
Azerbaijan	9 (1.7) ▼	39 (2.3) ▼
Morocco	4 (1.0) ▼	25 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	50 (2.0) ▲	90 (1.1) ▲
Quebec, Canada	35 (2.6) ▲	83 (2.0) ▲
Andalusia, Spain	30 (2.3)	69 (2.0)
Madrid, Spain	29 (2.0)	75 (1.9) ▲
Ontario, Canada	23 (2.2)	74 (2.3) ▲
Dubai, UAE	22 (1.3) ▼	69 (1.5)
Norway (4)	21 (1.8) ▼	62 (2.2) ▼
Buenos Aires, Argentina	17 (1.8) ▼	48 (2.2) ▼
Eng/Afr/Zulu - RSA (5)	14 (1.7) ▼	52 (2.4) ▼
Abu Dhabi, UAE	11 (1.2) ▼	49 (2.3) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

L21E15C (How Did We Learn to Fly?): What year was the Wright Bros first flight
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	98 (0.6)	▲
Poland	98 (0.7)	▲
Finland	98 (0.6)	▲
Ireland	97 (0.8)	▲
Lithuania	97 (0.7)	▲
Sweden	96 (0.8)	▲
England	96 (0.7)	▲
Latvia	95 (1.0)	▲
Northern Ireland	95 (1.0)	▲
Slovak Republic	95 (0.8)	▲
Italy	95 (1.0)	▲
Spain	95 (0.8)	▲
Netherlands	95 (1.1)	▲
Hong Kong SAR	95 (1.2)	▲
Norway (5)	95 (0.9)	▲
Chinese Taipei	94 (0.8)	▲
Belgium (Flemish)	94 (0.9)	▲
Kazakhstan	94 (1.0)	▲
Germany	94 (1.0)	▲
Hungary	94 (1.0)	▲
Austria	94 (1.0)	▲
Czech Republic	94 (1.0)	▲
Macao SAR	94 (0.8)	▲
Portugal	93 (1.1)	▲
Singapore	93 (0.7)	▲
Bulgaria	93 (1.1)	▲
Canada	93 (0.9)	▲
Australia	93 (1.0)	▲
United States	91 (1.2)	
France	91 (1.1)	
New Zealand	91 (1.2)	
International Avg.	90 (0.2)	
Belgium (French)	90 (1.3)	
Slovenia	89 (1.5)	
Denmark	89 (1.3)	
Chile	88 (1.7)	
Israel	88 (1.2)	
Azerbaijan	85 (1.9)	▼
Georgia	84 (1.7)	▼
Malta	83 (1.5)	▼
Bahrain	82 (1.1)	▼
Trinidad and Tobago	80 (2.1)	▼
Qatar	80 (1.1)	▼
United Arab Emirates	78 (1.1)	▼
Oman	73 (1.6)	▼
Iran, Islamic Rep. of	73 (2.7)	▼
Saudi Arabia	68 (2.2)	▼
Morocco	55 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	99 (0.4)	▲
Madrid, Spain	98 (0.6)	▲
Andalusia, Spain	95 (1.0)	▲
Quebec, Canada	94 (1.4)	▲
Ontario, Canada	93 (1.5)	▲
Norway (4)	91 (1.1)	
Dubai, UAE	90 (1.0)	
Buenos Aires, Argentina	82 (1.7)	▼
Abu Dhabi, UAE	70 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	68 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E16C (How Did We Learn to Fly?): Put inventions in order
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	90 (1.4)	▲
Russian Federation	87 (1.2)	▲
Macao SAR	87 (1.3)	▲
Singapore	87 (1.0)	▲
Poland	86 (1.7)	▲
Lithuania	85 (1.7)	▲
Ireland	84 (1.6)	▲
Latvia	84 (1.8)	▲
Portugal	83 (1.5)	▲
Finland	83 (1.7)	▲
Hungary	83 (1.8)	▲
Chinese Taipei	82 (1.7)	▲
Northern Ireland	81 (1.9)	▲
Italy	81 (1.7)	▲
England	80 (1.4)	▲
Spain	79 (1.4)	▲
Austria	79 (1.7)	▲
United States	78 (2.0)	▲
Denmark	77 (1.8)	▲
Sweden	77 (1.8)	▲
Australia	77 (1.7)	▲
Norway (5)	77 (2.4)	
Belgium (French)	77 (1.8)	▲
Czech Republic	76 (1.6)	▲
Netherlands	76 (2.1)	
Bulgaria	76 (2.2)	
Slovak Republic	76 (1.5)	▲
Belgium (Flemish)	76 (1.9)	
Canada	75 (1.5)	
Kazakhstan	74 (1.8)	
Germany	74 (1.5)	
International Avg.	72 (0.3)	
Israel	69 (1.9)	
Azerbaijan	69 (2.3)	
New Zealand	68 (1.7)	▼
France	67 (1.9)	▼
Chile	67 (2.5)	▼
Trinidad and Tobago	65 (2.4)	▼
Malta	62 (1.7)	▼
United Arab Emirates	59 (1.6)	▼
Georgia	59 (2.5)	▼
Qatar	56 (1.4)	▼
Bahrain	55 (1.5)	▼
Iran, Islamic Rep. of	51 (3.0)	▼
Oman	48 (1.8)	▼
Slovenia	41 (2.3)	▼
Saudi Arabia	37 (2.1)	▼
Morocco	28 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (0.9)	▲
Madrid, Spain	85 (1.5)	▲
Quebec, Canada	80 (2.2)	▲
Andalusia, Spain	79 (1.8)	▲
Dubai, UAE	76 (1.6)	▲
Ontario, Canada	72 (2.7)	
Norway (4)	68 (1.9)	▼
Buenos Aires, Argentina	66 (2.0)	▼
Abu Dhabi, UAE	49 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	47 (2.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

L21E17M (How Did We Learn to Fly?): What is main idea of the article
Multiple Choice (Key is D)

Country	Percent Correct	
Russian Federation	92 (1.0)	▲
Latvia	88 (1.6)	▲
Sweden	88 (1.4)	▲
Finland	87 (1.6)	▲
Poland	85 (1.3)	▲
Slovenia	84 (1.7)	▲
Hong Kong SAR	84 (1.6)	▲
Chinese Taipei	83 (1.5)	▲
Ireland	83 (1.5)	▲
Norway (5)	83 (1.7)	▲
Italy	82 (1.7)	▲
Czech Republic	82 (1.7)	▲
Austria	81 (1.9)	▲
Singapore	81 (1.3)	▲
Lithuania	80 (1.9)	▲
Netherlands	80 (2.1)	▲
Northern Ireland	79 (1.8)	▲
Germany	78 (1.9)	▲
Denmark	78 (1.7)	▲
Slovak Republic	78 (1.8)	▲
England	77 (1.6)	▲
Hungary	76 (2.1)	▲
Portugal	75 (2.1)	▲
Bulgaria	75 (2.2)	
Australia	74 (1.7)	▲
Macao SAR	73 (1.6)	
Canada	73 (1.5)	
New Zealand	72 (1.6)	
United States	72 (1.8)	
International Avg.	71 (0.3)	
Kazakhstan	69 (1.6)	
Israel	68 (2.0)	
France	67 (2.3)	
Azerbaijan	65 (2.4)	▼
Belgium (French)	64 (2.3)	▼
Belgium (Flemish)	63 (2.1)	▼
Georgia	60 (2.2)	▼
Spain	59 (1.6)	▼
Qatar	57 (1.2)	▼
Chile	57 (2.0)	▼
United Arab Emirates	56 (1.7)	▼
Bahrain	55 (1.6)	▼
Trinidad and Tobago	54 (1.9)	▼
Iran, Islamic Rep. of	50 (2.3)	▼
Saudi Arabia	46 (2.3)	▼
Oman	45 (1.6)	▼
Malta	44 (2.0)	▼
Morocco	25 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (1.0)	▲
Dubai, UAE	77 (1.2)	▲
Ontario, Canada	77 (2.2)	▲
Norway (4)	74 (1.7)	▲
Quebec, Canada	71 (3.2)	
Madrid, Spain	66 (2.3)	
Buenos Aires, Argentina	59 (2.0)	▼
Andalusia, Spain	57 (2.2)	▼
Abu Dhabi, UAE	44 (2.7)	▼
Eng/Afr/Zulu - RSA (5)	44 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41001M (Oliver and The Griffin): In the beginning what is Oliver hoping will happen
Multiple Choice (Key is C)

Country	Percent Correct	
Singapore	95 (0.8)	▲
Netherlands	93 (1.2)	▲
Finland	93 (1.1)	▲
Hong Kong SAR	91 (1.3)	▲
Ireland	91 (1.3)	▲
Russian Federation	91 (1.3)	▲
Israel	91 (1.0)	▲
Hungary	91 (1.1)	▲
Poland	90 (1.4)	▲
Macao SAR	90 (1.2)	▲
Latvia	90 (1.3)	▲
Lithuania	89 (1.5)	▲
Norway (5)	89 (1.2)	▲
Australia	89 (1.2)	▲
Italy	89 (1.4)	▲
Sweden	89 (1.5)	▲
Austria	89 (1.1)	▲
Czech Republic	89 (1.3)	▲
Denmark	89 (1.7)	▲
Slovak Republic	89 (1.6)	▲
Germany	88 (1.2)	▲
Chinese Taipei	88 (1.2)	▲
Northern Ireland	87 (1.4)	▲
New Zealand	87 (1.1)	▲
Belgium (Flemish)	87 (1.4)	▲
Kazakhstan	87 (1.7)	▲
United States	87 (1.5)	▲
Slovenia	87 (1.4)	▲
France	87 (1.7)	
England	86 (1.6)	
Bulgaria	86 (1.6)	
Canada	86 (1.3)	
Portugal	84 (1.4)	
International Avg.	83 (0.2)	
Belgium (French)	83 (1.4)	
Spain	82 (1.2)	
Azerbaijan	82 (1.7)	
Trinidad and Tobago	80 (1.9)	
Malta	74 (1.8)	▼
Georgia	74 (2.4)	▼
Chile	73 (1.8)	▼
Qatar	72 (1.4)	▼
United Arab Emirates	69 (1.3)	▼
Bahrain	66 (1.9)	▼
Oman	64 (1.5)	▼
Saudi Arabia	63 (1.9)	▼
Iran, Islamic Rep. of	57 (2.6)	▼
Morocco	49 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.1)	▲
Quebec, Canada	89 (1.6)	▲
Norway (4)	85 (1.8)	
Dubai, UAE	84 (1.1)	
Madrid, Spain	84 (1.4)	
Ontario, Canada	83 (2.5)	
Andalusia, Spain	80 (1.4)	▼
Buenos Aires, Argentina	73 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	65 (1.9)	▼
Abu Dhabi, UAE	60 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41002C (Oliver and The Griffin): What does Oliver see when he looks through door
Constructed Response (1 Point)

Country	Percent Correct	
Finland	93 (1.0)	▲
Ireland	91 (1.1)	▲
Singapore	89 (1.0)	▲
Netherlands	88 (1.5)	▲
Sweden	88 (1.4)	▲
Austria	87 (1.4)	▲
Northern Ireland	87 (1.5)	▲
Kazakhstan	87 (1.4)	▲
England	86 (1.2)	▲
Italy	86 (1.5)	▲
Bulgaria	85 (1.8)	▲
Hungary	85 (1.5)	▲
Australia	84 (1.4)	▲
Belgium (Flemish)	84 (1.4)	▲
Norway (5)	83 (1.8)	▲
Lithuania	83 (1.7)	▲
Germany	83 (1.6)	▲
Canada	82 (1.3)	▲
Denmark	82 (1.8)	▲
United States	81 (1.7)	▲
Latvia	81 (1.9)	▲
Slovenia	81 (1.9)	▲
Portugal	81 (1.8)	▲
Slovak Republic	81 (1.6)	▲
Belgium (French)	80 (1.6)	▲
Poland	79 (2.0)	
Russian Federation	79 (1.9)	
Chinese Taipei	77 (2.0)	
Georgia	76 (2.2)	
Czech Republic	76 (1.8)	
International Avg.	76 (0.3)	
Israel	76 (1.8)	
Macao SAR	76 (1.9)	
New Zealand	75 (1.9)	
Trinidad and Tobago	74 (1.9)	
France	72 (1.9)	▼
Malta	68 (1.6)	▼
Azerbaijan	68 (1.9)	▼
Spain	68 (1.5)	▼
Chile	66 (1.6)	▼
Hong Kong SAR	65 (2.1)	▼
United Arab Emirates	61 (1.5)	▼
Saudi Arabia	60 (2.0)	▼
Qatar	56 (1.1)	▼
Bahrain	55 (2.7)	▼
Iran, Islamic Rep. of	53 (3.1)	▼
Oman	45 (1.5)	▼
Morocco	30 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	85 (1.4)	▲
Quebec, Canada	85 (2.3)	▲
Ontario, Canada	78 (2.7)	
Dubai, UAE	77 (1.5)	
Norway (4)	75 (1.9)	
Madrid, Spain	70 (2.0)	▼
Andalusia, Spain	67 (2.0)	▼
Buenos Aires, Argentina	65 (2.0)	▼
Abu Dhabi, UAE	53 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	42 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41003C (Oliver and The Griffin): What does this sentence show the reader
Constructed Response (1 Point)

Country	Percent Correct	
Northern Ireland	57 (2.5)	▲
England	53 (1.8)	▲
United States	51 (2.3)	▲
Ireland	49 (2.3)	▲
Italy	47 (2.3)	▲
Australia	45 (1.8)	▲
Finland	44 (2.2)	▲
Denmark	44 (2.5)	▲
Netherlands	44 (2.2)	▲
Canada	42 (1.7)	▲
Bulgaria	41 (2.3)	▲
Austria	38 (2.2)	▲
Norway (5)	38 (2.1)	▲
Poland	36 (2.0)	▲
Belgium (Flemish)	34 (2.3)	▲
New Zealand	34 (1.9)	▲
Kazakhstan	33 (1.8)	▲
Spain	32 (1.9)	▲
Singapore	32 (1.6)	▲
Israel	32 (1.9)	▲
Czech Republic	32 (1.8)	▲
Hungary	31 (1.8)	
Slovenia	30 (2.6)	
International Avg.	28 (0.3)	
Latvia	27 (1.7)	
Sweden	27 (2.1)	
Germany	25 (1.9)	
Portugal	25 (1.8)	
Trinidad and Tobago	24 (1.7)	▼
Slovak Republic	23 (1.5)	▼
Russian Federation	22 (1.4)	▼
Belgium (French)	20 (1.5)	▼
France	19 (2.0)	▼
United Arab Emirates	18 (0.8)	▼
Lithuania	17 (1.5)	▼
Hong Kong SAR	17 (1.7)	▼
Malta	16 (1.3)	▼
Chile	15 (1.6)	▼
Bahrain	13 (1.5)	▼
Qatar	13 (1.1)	▼
Chinese Taipei	12 (1.4)	▼
Macao SAR	12 (1.2)	▼
Georgia	11 (1.6)	▼
Iran, Islamic Rep. of	9 (1.3)	▼
Azerbaijan	8 (1.2)	▼
Oman	7 (0.9)	▼
Saudi Arabia	6 (0.9)	▼
Morocco	2 (0.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	45 (2.1)	▲
Ontario, Canada	44 (3.4)	▲
Madrid, Spain	37 (2.5)	▲
Dubai, UAE	32 (1.7)	▲
Quebec, Canada	30 (2.7)	
Andalusia, Spain	28 (2.0)	
Norway (4)	25 (2.0)	
Buenos Aires, Argentina	16 (1.6)	▼
Abu Dhabi, UAE	13 (1.2)	▼
Eng/Afr/Zulu - RSA (5)	8 (1.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41004C (Oliver and The Griffin): What words does the author use to show
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Kazakhstan	31 (1.9) ▲	62 (1.9) ▲
Israel	30 (1.8) ▲	55 (1.8) ▲
Poland	26 (2.0) ▲	57 (2.4) ▲
Bulgaria	24 (2.3) ▲	53 (2.4) ▲
Portugal	23 (1.7) ▲	42 (1.8) ▲
Italy	21 (1.8) ▲	49 (2.1) ▲
Russian Federation	20 (1.5) ▲	54 (1.9) ▲
Chinese Taipei	20 (1.4) ▲	50 (2.1) ▲
Ireland	18 (1.8) ▲	45 (2.4) ▲
United States	18 (1.6) ▲	39 (2.2)
Czech Republic	18 (1.4) ▲	39 (2.0)
Slovak Republic	18 (1.4) ▲	35 (1.9)
Northern Ireland	18 (1.6) ▲	46 (2.3) ▲
Belgium (Flemish)	17 (1.6)	42 (1.9) ▲
Canada	17 (1.2)	39 (1.7) ▲
France	16 (1.6)	30 (2.1) ▼
Belgium (French)	15 (1.4)	37 (1.9)
Hungary	15 (1.4)	38 (2.0)
England	15 (1.3)	42 (1.8) ▲
Singapore	15 (1.3)	41 (1.6) ▲
Slovenia	15 (1.5)	37 (1.9)
Saudi Arabia	15 (1.8)	28 (2.1) ▼
International Avg.	15 (0.2)	35 (0.3)
Lithuania	14 (1.7)	39 (2.4)
Latvia	14 (1.4)	41 (2.0) ▲
Germany	14 (1.6)	36 (2.3)
Denmark	14 (1.6)	39 (2.2)
Netherlands	14 (1.4)	36 (1.9)
Trinidad and Tobago	13 (1.4)	31 (2.1) ▼
Hong Kong SAR	13 (1.5)	22 (1.9) ▼
Australia	13 (1.3)	32 (2.1)
Sweden	12 (1.6)	37 (2.7)
Macao SAR	12 (1.2) ▼	30 (1.9) ▼
Spain	11 (0.9) ▼	33 (1.7)
Azerbaijan	11 (1.1) ▼	25 (1.7) ▼
New Zealand	11 (1.4) ▼	28 (1.7) ▼
Georgia	11 (1.5) ▼	29 (2.4) ▼
Bahrain	11 (1.0) ▼	23 (1.2) ▼
Austria	10 (1.6) ▼	39 (2.5)
United Arab Emirates	10 (0.6) ▼	26 (1.3) ▼
Oman	10 (1.0) ▼	20 (1.4) ▼
Norway (5)	9 (1.3) ▼	38 (2.1)
Qatar	7 (0.6) ▼	20 (1.1) ▼
Malta	7 (1.0) ▼	19 (1.5) ▼
Chile	6 (1.0) ▼	19 (1.3) ▼
Finland	5 (1.0) ▼	17 (1.7) ▼
Iran, Islamic Rep. of	5 (1.2) ▼	12 (1.6) ▼
Morocco	3 (0.7) ▼	6 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

Benchmarking Participants

Moscow City, Russian Fed.	25 (1.7) ▲	65 (1.8) ▲
Ontario, Canada	18 (2.3)	39 (3.2)
Dubai, UAE	18 (1.0) ▲	38 (1.8)
Quebec, Canada	17 (2.5)	42 (3.1) ▲
Madrid, Spain	17 (1.4)	41 (2.5) ▲
Andalusia, Spain	11 (1.2) ▼	27 (1.8) ▼
Buenos Aires, Argentina	6 (1.0) ▼	19 (1.6) ▼
Abu Dhabi, UAE	6 (0.8) ▼	18 (1.2) ▼
Eng/Afr/Zulu - RSA (5)	4 (0.7) ▼	11 (1.5) ▼
Norway (4)	3 (0.6) ▼	27 (2.0) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41O05C (Oliver and The Griffin): What does Oliver discover about griffin
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	64 (1.8) ▲	83 (1.5) ▲
Finland	60 (2.0) ▲	80 (1.4) ▲
Slovak Republic	60 (2.2) ▲	78 (2.2) ▲
Denmark	55 (2.1) ▲	77 (1.9) ▲
Latvia	51 (2.6) ▲	77 (2.3) ▲
Northern Ireland	50 (2.1) ▲	73 (2.0) ▲
Singapore	49 (1.7) ▲	70 (1.9) ▲
Austria	48 (2.5) ▲	69 (2.0) ▲
Sweden	47 (2.5) ▲	64 (2.1) ▲
Italy	47 (2.0) ▲	66 (2.1) ▲
Czech Republic	45 (2.1) ▲	73 (2.1) ▲
Germany	45 (2.8) ▲	71 (2.2) ▲
Hungary	45 (2.1) ▲	77 (1.9) ▲
Ireland	44 (2.0) ▲	71 (1.8) ▲
Bulgaria	44 (2.3) ▲	57 (2.4)
Poland	43 (2.1) ▲	58 (2.3)
Canada	43 (1.6) ▲	67 (1.5) ▲
Portugal	42 (2.3) ▲	66 (2.1) ▲
Australia	41 (1.8) ▲	70 (1.8) ▲
Israel	41 (2.4) ▲	59 (2.1)
England	41 (2.0) ▲	67 (1.7) ▲
Norway (5)	41 (2.2) ▲	71 (1.8) ▲
Hong Kong SAR	40 (2.7)	57 (2.6)
Lithuania	39 (2.4)	58 (2.4)
United States	39 (2.2)	69 (2.2) ▲
Slovenia	36 (1.9)	65 (2.2) ▲
International Avg.	36 (0.3)	57 (0.3)
Macao SAR	35 (2.0)	53 (2.0)
Chinese Taipei	35 (2.2)	50 (2.3) ▼
New Zealand	30 (1.6) ▼	61 (1.7) ▲
Belgium (French)	29 (2.0) ▼	54 (2.3)
Trinidad and Tobago	27 (2.1) ▼	52 (2.3) ▼
France	25 (2.0) ▼	49 (2.0) ▼
Chile	25 (1.6) ▼	47 (2.5) ▼
Belgium (Flemish)	25 (1.8) ▼	47 (1.8) ▼
Netherlands	25 (2.0) ▼	53 (2.3)
Spain	24 (1.5) ▼	46 (1.7) ▼
United Arab Emirates	22 (1.2) ▼	39 (1.4) ▼
Malta	22 (1.5) ▼	44 (1.8) ▼
Azerbaijan	21 (1.6) ▼	44 (2.4) ▼
Bahrain	21 (1.5) ▼	39 (2.1) ▼
Qatar	19 (1.2) ▼	37 (1.0) ▼
Georgia	17 (1.7) ▼	33 (2.2) ▼
Oman	16 (1.4) ▼	30 (1.5) ▼
Kazakhstan	16 (1.9) ▼	30 (1.8) ▼
Iran, Islamic Rep. of	14 (1.7) ▼	27 (2.0) ▼
Saudi Arabia	12 (1.6) ▼	36 (1.8) ▼
Morocco	6 (1.1) ▼	14 (1.4) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	65 (1.9) ▲	87 (1.4) ▲
Quebec, Canada	47 (2.4) ▲	67 (2.9) ▲
Ontario, Canada	40 (3.0)	64 (2.9) ▲
Dubai, UAE	34 (1.3)	57 (1.4)
Madrid, Spain	31 (2.3)	54 (2.6)
Buenos Aires, Argentina	29 (2.0) ▼	43 (2.1) ▼
Norway (4)	29 (2.0) ▼	58 (2.1)
Andalusia, Spain	24 (1.6) ▼	45 (2.0) ▼
Abu Dhabi, UAE	17 (1.6) ▼	29 (2.0) ▼
Eng/Afr/Zulu - RSA (5)	9 (1.3) ▼	22 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41O06M (Oliver and The Griffin): What does Oliver say that offends the griffin
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	91 (1.3)	▲
Italy	91 (1.1)	▲
Czech Republic	90 (1.3)	▲
Lithuania	86 (1.7)	▲
Finland	86 (1.6)	▲
Hungary	85 (1.3)	▲
Denmark	85 (1.6)	▲
Kazakhstan	84 (1.8)	▲
Singapore	84 (1.2)	▲
Ireland	83 (1.7)	▲
Norway (5)	83 (1.9)	▲
Latvia	83 (1.9)	▲
Northern Ireland	83 (1.6)	▲
Austria	82 (1.6)	▲
Netherlands	82 (1.6)	▲
Hong Kong SAR	81 (1.9)	▲
Germany	81 (1.9)	▲
Slovak Republic	81 (1.7)	▲
Bulgaria	80 (2.0)	▲
England	80 (1.4)	▲
Spain	79 (1.5)	▲
Portugal	78 (2.0)	▲
Sweden	78 (1.7)	▲
Poland	78 (1.8)	▲
Slovenia	77 (1.9)	
United States	77 (2.0)	
Canada	75 (1.4)	
Israel	75 (1.9)	
Australia	75 (1.7)	
International Avg.	74 (0.3)	
Chinese Taipei	74 (1.9)	
Macao SAR	73 (1.8)	
Chile	71 (2.0)	
France	70 (1.9)	▼
Belgium (French)	69 (1.9)	▼
New Zealand	69 (1.8)	▼
Belgium (Flemish)	67 (1.9)	▼
Azerbaijan	66 (2.0)	▼
Georgia	64 (2.1)	▼
Malta	64 (1.9)	▼
Trinidad and Tobago	54 (2.2)	▼
United Arab Emirates	53 (1.4)	▼
Iran, Islamic Rep. of	53 (2.5)	▼
Qatar	51 (1.4)	▼
Bahrain	50 (2.0)	▼
Morocco	48 (2.6)	▼
Oman	48 (1.6)	▼
Saudi Arabia	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	94 (1.0)	▲
Madrid, Spain	85 (1.3)	▲
Andalusia, Spain	79 (1.7)	▲
Ontario, Canada	75 (2.7)	
Quebec, Canada	74 (2.2)	
Buenos Aires, Argentina	72 (2.1)	
Norway (4)	71 (1.8)	
Dubai, UAE	66 (1.3)	▼
Abu Dhabi, UAE	47 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	45 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R41O07C (Oliver and The Griffin): One part that looks like eagle and lion
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	87 (1.5) ▲	97 (0.7) ▲
Czech Republic	82 (1.4) ▲	93 (1.2) ▲
Chinese Taipei	82 (1.6) ▲	94 (0.9) ▲
Russian Federation	80 (1.7) ▲	95 (1.1) ▲
Latvia	78 (1.8) ▲	97 (0.7) ▲
Canada	77 (1.1) ▲	94 (0.7) ▲
Kazakhstan	77 (1.8) ▲	92 (1.1) ▲
Slovak Republic	76 (1.7) ▲	93 (1.2) ▲
Singapore	76 (1.6) ▲	96 (0.7) ▲
Hong Kong SAR	76 (2.3) ▲	92 (1.5) ▲
Macao SAR	74 (1.6) ▲	92 (1.1) ▲
Denmark	74 (2.0) ▲	93 (1.1) ▲
Poland	74 (1.8) ▲	96 (0.9) ▲
Lithuania	73 (1.9) ▲	93 (1.3) ▲
United States	73 (1.8) ▲	92 (1.0) ▲
Ireland	73 (2.0) ▲	95 (1.0) ▲
Italy	72 (2.2) ▲	94 (1.1) ▲
Bulgaria	71 (2.4) ▲	88 (1.9)
New Zealand	71 (1.6) ▲	90 (1.2) ▲
Portugal	70 (1.9) ▲	88 (1.4)
Slovenia	70 (2.3) ▲	86 (1.4)
Netherlands	70 (1.8) ▲	91 (1.4) ▲
Hungary	69 (2.1) ▲	95 (1.0) ▲
England	69 (1.5) ▲	93 (1.1) ▲
Finland	69 (2.1) ▲	92 (1.1) ▲
France	66 (1.6)	83 (1.6)
Northern Ireland	66 (2.2)	93 (1.2) ▲
Belgium (French)	66 (2.1)	86 (1.5)
International Avg.	65 (0.3)	85 (0.2)
Spain	65 (1.7)	88 (1.2) ▲
Austria	63 (2.3)	93 (1.1) ▲
Belgium (Flemish)	63 (1.8)	86 (1.4)
Chile	63 (1.9)	80 (1.8) ▼
Germany	60 (2.6)	86 (2.1)
Georgia	60 (2.4) ▼	83 (1.7)
Israel	59 (1.9) ▼	85 (1.3)
Trinidad and Tobago	59 (2.1) ▼	82 (1.9)
Australia	57 (2.0) ▼	85 (1.4)
Sweden	57 (2.2) ▼	88 (1.5) ▲
Azerbaijan	56 (2.4) ▼	77 (1.9) ▼
United Arab Emirates	44 (1.6) ▼	65 (1.5) ▼
Qatar	44 (1.6) ▼	65 (1.2) ▼
Bahrain	44 (2.4) ▼	63 (2.0) ▼
Malta	42 (1.5) ▼	66 (1.5) ▼
Iran, Islamic Rep. of	42 (2.4) ▼	51 (2.4) ▼
Saudi Arabia	42 (2.2) ▼	68 (2.0) ▼
Oman	40 (1.6) ▼	65 (1.5) ▼
Morocco	22 (1.9) ▼	35 (2.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.5) ▲	97 (0.6) ▲
Quebec, Canada	81 (2.4) ▲	98 (0.5) ▲
Ontario, Canada	77 (1.8) ▲	92 (1.4) ▲
Norway (4)	76 (1.5) ▲	90 (1.3) ▲
Madrid, Spain	72 (1.9) ▲	94 (1.1) ▲
Andalusia, Spain	64 (2.3)	86 (1.9)
Dubai, UAE	61 (1.6) ▼	83 (0.9) ▼
Buenos Aires, Argentina	58 (2.2) ▼	77 (1.8) ▼
Abu Dhabi, UAE	35 (2.3) ▼	52 (2.8) ▼
Eng/Afr/Zulu - RSA (5)	32 (2.6) ▼	53 (2.8) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41O08C (Oliver and The Griffin): Think about when the griffin says
Constructed Response (1 Point)

Country	Percent Correct	
Poland	82 (1.7)	▲
Latvia	76 (1.7)	▲
Lithuania	76 (2.1)	▲
Bulgaria	74 (2.5)	▲
Russian Federation	72 (2.1)	▲
Ireland	72 (2.0)	▲
Northern Ireland	71 (2.1)	▲
England	69 (1.7)	▲
Austria	69 (1.9)	▲
Germany	68 (2.4)	▲
Hungary	68 (2.0)	▲
Finland	67 (1.6)	▲
United States	66 (1.8)	▲
Singapore	65 (1.6)	▲
Slovak Republic	65 (2.2)	▲
Italy	64 (2.1)	▲
Portugal	63 (2.0)	▲
Spain	63 (1.4)	▲
Australia	62 (2.3)	▲
Sweden	62 (2.1)	▲
Czech Republic	60 (1.9)	▲
Israel	60 (2.0)	▲
Canada	60 (1.4)	▲
Hong Kong SAR	59 (2.8)	
Macao SAR	56 (2.0)	
Norway (5)	56 (2.1)	
Slovenia	56 (1.9)	
Netherlands	55 (2.2)	
International Avg.	55 (0.3)	
New Zealand	55 (2.1)	
Georgia	52 (2.4)	
Kazakhstan	51 (2.5)	
Trinidad and Tobago	51 (2.3)	▼
Belgium (Flemish)	50 (1.8)	▼
France	47 (2.4)	▼
Belgium (French)	46 (1.9)	▼
Denmark	46 (2.0)	▼
Chile	45 (2.2)	▼
Saudi Arabia	42 (2.0)	▼
Iran, Islamic Rep. of	38 (2.3)	▼
Malta	37 (2.1)	▼
Chinese Taipei	36 (2.0)	▼
Bahrain	35 (1.5)	▼
United Arab Emirates	33 (1.4)	▼
Oman	33 (1.5)	▼
Qatar	28 (1.4)	▼
Azerbaijan	18 (1.8)	▼
Morocco	14 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	81 (1.5)	▲
Madrid, Spain	70 (1.9)	▲
Andalusia, Spain	59 (1.8)	▲
Quebec, Canada	57 (3.0)	
Ontario, Canada	57 (2.4)	
Dubai, UAE	50 (1.5)	▼
Norway (4)	40 (2.3)	▼
Buenos Aires, Argentina	36 (2.2)	▼
Abu Dhabi, UAE	25 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	22 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41O09C (Oliver and The Griffin): Why does griffin think Oliver will not come back
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	78 (1.6)	▲
Sweden	76 (2.3)	▲
Finland	74 (1.9)	▲
Bulgaria	72 (2.6)	▲
Northern Ireland	72 (1.9)	▲
Ireland	72 (2.0)	▲
Chinese Taipei	72 (1.8)	▲
Norway (5)	71 (1.8)	▲
Italy	70 (1.9)	▲
Hungary	70 (1.7)	▲
Lithuania	70 (2.2)	▲
Denmark	69 (2.6)	▲
Singapore	69 (1.7)	▲
United States	69 (2.0)	▲
Netherlands	68 (2.6)	▲
Canada	67 (1.7)	▲
Spain	67 (1.9)	▲
England	64 (1.7)	▲
Belgium (Flemish)	63 (1.7)	▲
Germany	62 (2.2)	▲
Kazakhstan	62 (2.1)	▲
Australia	62 (1.9)	▲
Poland	62 (2.6)	▲
Austria	62 (2.6)	▲
Macao SAR	61 (2.2)	▲
Hong Kong SAR	60 (3.0)	
Portugal	60 (2.2)	
Czech Republic	58 (2.1)	
Latvia	56 (2.2)	
International Avg.	56 (0.3)	
New Zealand	55 (1.8)	
Israel	53 (1.7)	
Slovak Republic	53 (1.7)	
France	52 (2.3)	
Belgium (French)	50 (2.4)	▼
Slovenia	49 (1.7)	▼
Chile	48 (2.1)	▼
Georgia	47 (2.4)	▼
Azerbaijan	40 (2.4)	▼
Saudi Arabia	36 (2.2)	▼
Trinidad and Tobago	36 (2.1)	▼
Iran, Islamic Rep. of	35 (2.5)	▼
Malta	33 (1.9)	▼
United Arab Emirates	30 (1.4)	▼
Bahrain	27 (2.2)	▼
Qatar	27 (1.5)	▼
Oman	19 (1.3)	▼
Morocco	11 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.3)	▲
Madrid, Spain	76 (1.9)	▲
Quebec, Canada	69 (3.3)	▲
Andalusia, Spain	69 (2.1)	▲
Ontario, Canada	63 (2.9)	▲
Norway (4)	55 (2.5)	
Dubai, UAE	48 (1.9)	▼
Buenos Aires, Argentina	39 (2.3)	▼
Abu Dhabi, UAE	22 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	21 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41O10C (Oliver and The Griffin): What kind of boy is Oliver
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	60 (2.2) ▲	86 (1.5) ▲
Ireland	56 (2.7) ▲	81 (1.7) ▲
Singapore	52 (1.7) ▲	79 (1.5) ▲
United States	52 (2.5) ▲	74 (2.2) ▲
Northern Ireland	50 (2.2) ▲	74 (1.8) ▲
Latvia	48 (2.3) ▲	74 (2.3) ▲
England	48 (1.8) ▲	71 (1.6) ▲
Chinese Taipei	47 (1.9) ▲	70 (2.0) ▲
Norway (5)	47 (2.0) ▲	73 (1.8) ▲
Italy	47 (1.9) ▲	73 (2.0) ▲
Canada	46 (1.6) ▲	68 (1.5) ▲
Netherlands	44 (2.9) ▲	63 (2.7)
Slovenia	44 (2.2) ▲	69 (1.9) ▲
Sweden	43 (2.1) ▲	69 (1.9) ▲
Bulgaria	42 (2.9) ▲	62 (3.0)
Australia	41 (1.9) ▲	63 (1.9) ▲
Finland	39 (1.8) ▲	73 (1.9) ▲
Spain	39 (1.7) ▲	68 (1.9) ▲
Czech Republic	39 (2.2) ▲	61 (2.0)
Kazakhstan	39 (2.1) ▲	78 (1.6) ▲
Hungary	39 (2.2) ▲	74 (2.1) ▲
New Zealand	38 (1.7) ▲	61 (2.2)
Portugal	37 (2.3)	68 (2.0) ▲
Lithuania	36 (2.4)	64 (2.6) ▲
Austria	36 (2.2)	53 (2.2) ▼
Hong Kong SAR	35 (2.7)	57 (3.1)
International Avg.	34 (0.3)	59 (0.3)
Malta	32 (1.7)	55 (2.0)
Germany	31 (2.2)	48 (2.6) ▼
Slovak Republic	31 (1.7)	60 (2.2)
Denmark	30 (1.9) ▼	59 (2.1)
France	29 (1.8) ▼	47 (2.4) ▼
Poland	29 (2.1) ▼	61 (2.2)
Chile	29 (1.7) ▼	48 (2.0) ▼
Macao SAR	29 (1.9) ▼	52 (2.1) ▼
Belgium (Flemish)	28 (1.8) ▼	43 (2.1) ▼
Trinidad and Tobago	27 (1.8) ▼	50 (2.2) ▼
Israel	26 (1.7) ▼	58 (1.9)
Belgium (French)	25 (2.2) ▼	47 (2.3) ▼
United Arab Emirates	18 (1.4) ▼	38 (1.9) ▼
Qatar	17 (1.2) ▼	35 (1.6) ▼
Bahrain	17 (1.4) ▼	39 (1.6) ▼
Georgia	15 (1.5) ▼	47 (2.4) ▼
Saudi Arabia	13 (1.4) ▼	50 (2.1) ▼
Azerbaijan	13 (1.1) ▼	38 (2.0) ▼
Oman	9 (1.1) ▼	26 (1.5) ▼
Iran, Islamic Rep. of	9 (1.3) ▼	38 (2.7) ▼
Morocco	6 (0.8) ▼	11 (1.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	67 (2.0) ▲	95 (0.9) ▲
Quebec, Canada	52 (2.5) ▲	73 (2.5) ▲
Madrid, Spain	48 (2.0) ▲	77 (1.8) ▲
Ontario, Canada	45 (3.1) ▲	67 (2.9) ▲
Andalusia, Spain	37 (2.3)	64 (2.5) ▲
Dubai, UAE	35 (2.6)	61 (2.0)
Norway (4)	30 (2.0) ▼	49 (2.3) ▼
Buenos Aires, Argentina	17 (1.7) ▼	31 (2.0) ▼
Eng/Afr/Zulu - RSA (5)	16 (1.7) ▼	33 (2.5) ▼
Abu Dhabi, UAE	11 (1.2) ▼	28 (1.8) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41O11M (Oliver and The Griffin): What is the "silver gleam"
Multiple Choice (Key is A)

Country	Percent Correct	
Russian Federation	87 (1.6)	▲
Chinese Taipei	81 (1.6)	▲
Latvia	80 (1.5)	▲
Italy	78 (1.6)	▲
Azerbaijan	78 (2.0)	▲
Poland	76 (1.9)	▲
Northern Ireland	76 (1.9)	▲
Ireland	76 (2.1)	▲
Hungary	75 (1.9)	▲
Austria	75 (1.9)	▲
Finland	74 (2.0)	▲
Czech Republic	73 (1.8)	▲
Singapore	72 (1.6)	▲
Netherlands	72 (2.2)	▲
Slovak Republic	71 (2.1)	▲
Denmark	71 (1.9)	▲
Germany	71 (1.9)	▲
Lithuania	71 (2.1)	▲
Hong Kong SAR	70 (2.3)	▲
England	70 (1.7)	▲
Australia	69 (1.8)	▲
Bulgaria	68 (2.3)	
Kazakhstan	68 (2.0)	
Sweden	68 (1.8)	
New Zealand	66 (2.0)	
Norway (5)	65 (1.8)	
Macao SAR	65 (1.7)	
International Avg.	65 (0.3)	
United States	65 (2.2)	
Canada	64 (1.6)	
Israel	64 (2.1)	
Portugal	64 (2.3)	
Slovenia	63 (2.3)	
Spain	61 (1.7)	▼
Belgium (Flemish)	59 (1.9)	▼
Malta	59 (1.7)	▼
France	56 (2.0)	▼
Qatar	55 (1.2)	▼
Trinidad and Tobago	55 (2.1)	▼
Chile	54 (2.2)	▼
United Arab Emirates	51 (1.6)	▼
Bahrain	50 (2.4)	▼
Belgium (French)	48 (2.2)	▼
Georgia	47 (2.3)	▼
Saudi Arabia	46 (2.2)	▼
Iran, Islamic Rep. of	45 (2.6)	▼
Oman	43 (1.5)	▼
Morocco	33 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	90 (1.2)	▲
Quebec, Canada	69 (2.9)	
Madrid, Spain	66 (2.0)	
Ontario, Canada	63 (2.4)	
Dubai, UAE	63 (1.4)	
Andalusia, Spain	61 (2.3)	
Buenos Aires, Argentina	60 (2.1)	▼
Norway (4)	50 (2.0)	▼
Abu Dhabi, UAE	44 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	37 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41O12M (Oliver and The Griffin): Why does Oliver start digging by the griffin
Multiple Choice (Key is D)

Country	Percent Correct	
Poland	85 (1.6)	▲
Russian Federation	84 (1.5)	▲
Ireland	83 (1.5)	▲
Czech Republic	83 (1.7)	▲
Austria	83 (1.9)	▲
Norway (5)	83 (1.8)	▲
Italy	82 (1.8)	▲
Singapore	82 (1.4)	▲
Finland	82 (1.6)	▲
Lithuania	79 (2.0)	▲
Northern Ireland	79 (1.6)	▲
Latvia	79 (1.9)	▲
Bulgaria	79 (2.0)	▲
Sweden	78 (1.7)	▲
Germany	77 (2.2)	▲
Hungary	77 (1.8)	▲
Netherlands	76 (1.8)	▲
Hong Kong SAR	76 (1.9)	▲
England	76 (1.8)	▲
Denmark	76 (1.5)	▲
Chinese Taipei	76 (1.9)	▲
Slovenia	75 (1.8)	▲
Kazakhstan	75 (1.8)	▲
United States	75 (1.8)	▲
Australia	75 (1.9)	▲
Spain	74 (1.7)	▲
Slovak Republic	74 (2.1)	▲
Canada	74 (1.4)	▲
Macao SAR	71 (1.7)	
New Zealand	71 (1.8)	
Belgium (Flemish)	70 (1.8)	
France	70 (1.8)	
International Avg.	70 (0.3)	
Belgium (French)	68 (2.2)	
Portugal	67 (1.7)	
Azerbaijan	65 (2.4)	
Israel	63 (1.8)	▼
Georgia	61 (2.7)	▼
Chile	58 (1.8)	▼
Trinidad and Tobago	57 (2.0)	▼
Malta	53 (2.0)	▼
Qatar	48 (1.4)	▼
Saudi Arabia	47 (2.0)	▼
Bahrain	45 (2.3)	▼
United Arab Emirates	43 (1.6)	▼
Oman	41 (1.8)	▼
Iran, Islamic Rep. of	41 (2.7)	▼
Morocco	32 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	89 (1.4)	▲
Quebec, Canada	80 (2.1)	▲
Madrid, Spain	79 (1.7)	▲
Norway (4)	74 (2.0)	▲
Andalusia, Spain	73 (2.0)	
Ontario, Canada	69 (2.5)	
Dubai, UAE	62 (1.9)	▼
Buenos Aires, Argentina	61 (2.5)	▼
Abu Dhabi, UAE	37 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	34 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41013C (Oliver and The Griffin): Describe why griffin can not do his job
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	57 (1.8) ▲	73 (1.5) ▲	75 (1.5) ▲
England	51 (1.8) ▲	65 (1.7) ▲	70 (1.6) ▲
Ireland	51 (2.4) ▲	69 (2.2) ▲	73 (2.2) ▲
Italy	48 (2.0) ▲	64 (2.1) ▲	70 (2.2) ▲
United States	47 (2.2) ▲	64 (1.9) ▲	70 (2.0) ▲
Northern Ireland	46 (2.5) ▲	63 (2.0) ▲	68 (2.0) ▲
Finland	46 (1.9) ▲	62 (1.6) ▲	69 (1.7) ▲
Sweden	45 (2.3) ▲	60 (2.3) ▲	64 (2.1) ▲
Canada	45 (1.5) ▲	58 (1.5) ▲	68 (1.3) ▲
Australia	44 (2.1) ▲	63 (2.1) ▲	82 (1.5) ▲
New Zealand	40 (1.6) ▲	54 (1.7) ▲	60 (1.9) ▲
Hong Kong SAR	39 (2.1) ▲	57 (2.3) ▲	66 (2.2) ▲
Norway (5)	39 (2.0) ▲	61 (2.0) ▲	70 (1.6) ▲
Netherlands	36 (1.9) ▲	52 (1.9) ▲	60 (2.1) ▲
Hungary	35 (1.9) ▲	55 (2.0) ▲	71 (1.9) ▲
Slovenia	33 (1.9) ▲	54 (2.1) ▲	59 (1.9) ▲
Poland	32 (2.0) ▲	64 (2.6) ▲	79 (1.9) ▲
Chinese Taipei	32 (1.8) ▲	51 (1.9) ▲	55 (2.0) ▲
France	32 (2.1) ▲	45 (2.2) ▲	51 (2.4) ▲
Belgium (Flemish)	32 (2.2) ▲	50 (2.1) ▲	57 (1.9) ▲
Israel	31 (1.7) ▲	46 (1.7) ▲	51 (1.6) ▼
Latvia	31 (2.1) ▲	49 (2.3) ▲	61 (2.2) ▲
Spain	31 (1.5) ▲	53 (1.8) ▲	59 (1.6) ▲
Austria	30 (2.1) ▲	55 (2.4) ▲	61 (2.1) ▲
Macao SAR	30 (1.6) ▲	46 (1.8) ▲	52 (1.7) ▲
International Avg.	30 (0.3)	46 (0.3)	55 (0.3)
Denmark	28 (2.3) ▲	49 (2.3) ▲	58 (2.1) ▲
Slovak Republic	28 (1.6) ▲	46 (2.1) ▲	51 (2.0) ▲
Russian Federation	28 (1.7) ▲	46 (2.1) ▲	52 (2.1) ▲
Portugal	28 (1.9) ▲	43 (1.9) ▲	47 (1.9) ▼
Lithuania	28 (2.3) ▲	45 (2.4) ▲	50 (2.4) ▲
Czech Republic	26 (2.0) ▲	45 (2.3) ▲	52 (2.3) ▲
Germany	25 (1.9) ▼	48 (2.3) ▲	68 (2.6) ▲
Kazakhstan	24 (1.6) ▼	52 (2.0) ▲	77 (1.8) ▲
Bulgaria	24 (2.4) ▼	49 (2.9) ▲	56 (2.7) ▲
Chile	21 (1.6) ▼	37 (2.0) ▼	46 (2.0) ▼
Trinidad and Tobago	21 (1.7) ▼	34 (1.9) ▼	41 (2.1) ▼
Belgium (French)	19 (1.8) ▼	39 (1.9) ▼	47 (2.1) ▼
United Arab Emirates	16 (1.3) ▼	26 (1.3) ▼	31 (1.4) ▼
Malta	16 (1.7) ▼	27 (2.2) ▼	33 (2.1) ▼
Georgia	16 (1.4) ▼	26 (1.8) ▼	35 (2.1) ▼
Qatar	15 (0.7) ▼	27 (1.1) ▼	34 (1.2) ▼
Bahrain	12 (1.0) ▼	23 (1.2) ▼	30 (1.6) ▼
Iran, Islamic Rep. of	11 (1.3) ▼	21 (1.9) ▼	33 (2.4) ▼
Saudi Arabia	7 (1.4) ▼	19 (1.9) ▼	39 (1.8) ▼
Oman	7 (0.8) ▼	14 (1.2) ▼	26 (1.4) ▼
Azerbaijan	5 (1.0) ▼	13 (1.4) ▼	22 (1.6) ▼
Morocco	5 (0.9) ▼	10 (1.3) ▼	18 (1.5) ▼
Benchmarking Participants			
Ontario, Canada	47 (3.0) ▲	59 (3.0) ▲	71 (2.4) ▲
Moscow City, Russian Fed.	41 (2.0) ▲	64 (1.9) ▲	68 (1.9) ▲
Quebec, Canada	39 (2.3) ▲	56 (2.6) ▲	65 (2.5) ▲
Madrid, Spain	39 (2.2) ▲	64 (1.9) ▲	67 (2.1) ▲
Dubai, UAE	33 (1.7) ▲	48 (1.5) ▲	52 (1.4) ▲
Andalusia, Spain	25 (1.8) ▼	49 (2.0) ▲	52 (2.0) ▲
Norway (4)	24 (1.8) ▼	47 (2.3) ▲	56 (2.1) ▲
Buenos Aires, Argentina	23 (1.9) ▼	31 (2.1) ▼	37 (2.1) ▼
Abu Dhabi, UAE	10 (1.6) ▼	18 (1.8) ▼	23 (2.0) ▼
Eng/Afr/Zulu - RSA (5)	8 (1.3) ▼	14 (1.9) ▼	27 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y01M (Shiny Straw): Why called Shiny Straw
Multiple Choice (Key is B)

Country	Percent Correct	
Georgia	83 (1.8)	▲
Russian Federation	79 (1.7)	▲
Finland	76 (1.6)	▲
Netherlands	76 (2.5)	▲
Italy	75 (2.0)	▲
Bulgaria	73 (1.9)	▲
Hong Kong SAR	72 (1.8)	▲
Denmark	71 (2.2)	▲
Czech Republic	71 (1.6)	▲
Northern Ireland	71 (1.9)	▲
Hungary	70 (2.0)	▲
Germany	70 (1.9)	▲
Austria	69 (1.9)	▲
Poland	69 (2.4)	▲
Chile	68 (1.9)	▲
Lithuania	67 (2.3)	▲
Singapore	67 (1.6)	▲
United States	66 (2.1)	▲
Spain	65 (1.3)	▲
Belgium (French)	65 (2.0)	
England	65 (1.8)	
Israel	65 (1.8)	
Belgium (Flemish)	64 (1.7)	
Australia	64 (2.1)	
Slovenia	64 (2.4)	
Norway (5)	64 (2.0)	
Ireland	63 (2.1)	
France	63 (1.8)	
Latvia	63 (2.1)	
Slovak Republic	62 (2.4)	
Canada	62 (1.6)	
Sweden	61 (2.3)	
International Avg.	61 (0.3)	
Macao SAR	60 (1.7)	
New Zealand	59 (2.0)	
Chinese Taipei	58 (2.1)	
Portugal	54 (1.7)	▼
Kazakhstan	54 (2.2)	▼
Oman	49 (1.6)	▼
Azerbaijan	49 (2.1)	▼
Qatar	47 (1.6)	▼
Trinidad and Tobago	46 (2.1)	▼
Iran, Islamic Rep. of	44 (2.3)	▼
Saudi Arabia	43 (2.0)	▼
United Arab Emirates	40 (1.4)	▼
Morocco	35 (2.1)	▼
Malta	35 (1.9)	▼
Bahrain	32 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	88 (1.5)	▲
Madrid, Spain	72 (1.9)	▲
Andalusia, Spain	66 (1.8)	▲
Quebec, Canada	63 (2.9)	
Ontario, Canada	60 (2.8)	
Norway (4)	58 (2.1)	
Buenos Aires, Argentina	52 (1.7)	▼
Dubai, UAE	51 (1.5)	▼
Abu Dhabi, UAE	34 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	30 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y02M (Shiny Straw): Why Shiny Straw was better hunter
Multiple Choice (Key is D)

Country	Percent Correct	
Finland	90 (1.2)	▲
Russian Federation	90 (1.2)	▲
Italy	89 (1.2)	▲
Poland	88 (1.5)	▲
Kazakhstan	87 (1.6)	▲
Singapore	87 (1.1)	▲
Hong Kong SAR	87 (1.7)	▲
Slovenia	85 (1.8)	▲
Sweden	85 (1.6)	▲
Chinese Taipei	84 (1.4)	▲
Israel	84 (1.4)	▲
Spain	83 (1.6)	▲
Denmark	83 (1.5)	▲
Latvia	83 (1.6)	▲
Chile	82 (1.5)	▲
Czech Republic	82 (1.7)	▲
Macao SAR	81 (1.5)	▲
Slovak Republic	81 (2.0)	▲
United States	81 (1.8)	▲
Ireland	79 (1.8)	▲
Northern Ireland	79 (2.1)	▲
Canada	79 (0.9)	▲
Netherlands	79 (2.0)	▲
Hungary	78 (2.1)	
Portugal	78 (1.4)	▲
England	78 (1.7)	▲
Lithuania	78 (2.1)	
Germany	76 (1.9)	
Bulgaria	75 (2.1)	
International Avg.	75 (0.3)	
Australia	73 (1.9)	
Austria	73 (1.9)	
France	71 (2.0)	
Norway (5)	71 (1.9)	
Azerbaijan	71 (1.8)	▼
Belgium (French)	70 (1.6)	▼
Georgia	70 (2.0)	▼
Belgium (Flemish)	68 (1.9)	▼
New Zealand	68 (1.7)	▼
Qatar	62 (1.5)	▼
United Arab Emirates	58 (1.1)	▼
Trinidad and Tobago	58 (2.5)	▼
Saudi Arabia	56 (2.1)	▼
Bahrain	52 (2.6)	▼
Oman	51 (1.8)	▼
Iran, Islamic Rep. of	48 (2.5)	▼
Malta	46 (1.7)	▼
Morocco	46 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	92 (1.0)	▲
Madrid, Spain	90 (1.3)	▲
Andalusia, Spain	82 (1.7)	▲
Quebec, Canada	81 (2.1)	▲
Ontario, Canada	78 (1.9)	
Dubai, UAE	69 (1.3)	▼
Buenos Aires, Argentina	68 (2.0)	▼
Norway (4)	57 (2.0)	▼
Abu Dhabi, UAE	49 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	41 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y03C (Shiny Straw): "Flat as cat in the yellow grass"
Constructed Response (1 Point)

Country	Percent Correct	
Germany	61 (2.3)	▲
Northern Ireland	60 (2.2)	▲
England	60 (2.0)	▲
Poland	59 (2.7)	▲
Australia	57 (2.2)	▲
Ireland	56 (2.2)	▲
United States	56 (2.4)	▲
Singapore	54 (1.5)	▲
Russian Federation	53 (2.0)	▲
Sweden	52 (2.3)	▲
Canada	51 (1.6)	▲
Denmark	50 (2.2)	▲
Austria	50 (2.3)	▲
New Zealand	49 (1.8)	▲
Czech Republic	48 (2.2)	▲
Hungary	48 (2.2)	▲
Finland	46 (1.8)	▲
Bulgaria	46 (2.4)	▲
Slovenia	44 (2.2)	▲
Netherlands	42 (2.3)	▲
Portugal	39 (1.9)	
Slovak Republic	38 (1.8)	
Lithuania	38 (2.0)	
Latvia	38 (1.9)	
Israel	37 (2.2)	
International Avg.	36 (0.3)	
Italy	34 (1.8)	
Hong Kong SAR	33 (2.2)	
Kazakhstan	33 (1.9)	
Belgium (Flemish)	31 (1.6)	▼
Spain	27 (1.5)	▼
Belgium (French)	25 (2.0)	▼
France	24 (1.7)	▼
Trinidad and Tobago	24 (1.8)	▼
Azerbaijan	23 (1.7)	▼
Georgia	23 (1.9)	▼
Chile	22 (1.9)	▼
Iran, Islamic Rep. of	21 (2.4)	▼
Macao SAR	20 (1.4)	▼
Malta	19 (1.5)	▼
Saudi Arabia	15 (1.9)	▼
Chinese Taipei	14 (1.3)	▼
United Arab Emirates	14 (0.9)	▼
Qatar	13 (0.9)	▼
Bahrain	8 (1.1)	▼
Oman	6 (0.8)	▼
Morocco	6 (1.2)	▼
Norway (5)	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	61 (1.9)	▲
Ontario, Canada	53 (2.9)	▲
Quebec, Canada	44 (2.5)	▲
Dubai, UAE	30 (2.0)	▼
Andalusia, Spain	27 (1.9)	▼
Madrid, Spain	27 (2.0)	▼
Buenos Aires, Argentina	19 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	14 (1.9)	▼
Abu Dhabi, UAE	10 (1.3)	▼
Norway (4)	- -	

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R21Y04M (Shiny Straw): What Shiny Straw could catch
Multiple Choice (Key is B)

Country	Percent Correct	
Sweden	80 (1.5)	▲
Chinese Taipei	78 (1.6)	▲
Hong Kong SAR	78 (1.7)	▲
Czech Republic	75 (1.9)	▲
Norway (5)	75 (2.2)	▲
Macao SAR	74 (1.7)	▲
Denmark	73 (1.8)	▲
Finland	73 (1.6)	▲
Singapore	72 (1.6)	▲
Italy	71 (1.6)	▲
Austria	71 (2.1)	▲
Canada	71 (1.1)	▲
Lithuania	70 (2.1)	▲
Germany	70 (1.7)	▲
Northern Ireland	70 (2.3)	▲
Ireland	70 (2.2)	▲
Israel	70 (2.0)	▲
Chile	69 (1.9)	▲
Bulgaria	69 (1.9)	▲
Slovenia	69 (2.1)	▲
England	68 (1.7)	▲
Spain	68 (1.6)	▲
Russian Federation	67 (2.0)	▲
Netherlands	65 (2.6)	
Belgium (Flemish)	65 (1.7)	
France	64 (2.1)	
Poland	64 (2.0)	
Slovak Republic	63 (2.1)	
International Avg.	62 (0.3)	
Australia	61 (2.1)	
Belgium (French)	60 (2.3)	
United States	60 (2.8)	
Latvia	59 (2.2)	
Portugal	56 (2.0)	▼
Kazakhstan	55 (2.0)	▼
Georgia	55 (2.3)	▼
New Zealand	54 (1.8)	▼
Bahrain	50 (1.6)	▼
Saudi Arabia	50 (2.1)	▼
Qatar	49 (1.8)	▼
Hungary	48 (2.2)	▼
Azerbaijan	48 (2.7)	▼
United Arab Emirates	46 (1.3)	▼
Oman	44 (1.7)	▼
Trinidad and Tobago	43 (2.3)	▼
Malta	42 (2.0)	▼
Iran, Islamic Rep. of	38 (2.7)	▼
Morocco	22 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	81 (1.6)	▲
Quebec, Canada	77 (2.1)	▲
Madrid, Spain	75 (1.7)	▲
Norway (4)	73 (1.8)	▲
Ontario, Canada	69 (2.2)	▲
Andalusia, Spain	66 (2.1)	
Dubai, UAE	58 (1.9)	▼
Buenos Aires, Argentina	54 (2.2)	▼
Abu Dhabi, UAE	40 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	33 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y05M (Shiny Straw): Why SS missed opportunities
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	90 (1.2)	▲
Hong Kong SAR	88 (1.3)	▲
Latvia	84 (1.6)	▲
Singapore	83 (1.3)	▲
Chinese Taipei	81 (1.7)	▲
Macao SAR	77 (1.7)	▲
Denmark	77 (1.9)	▲
England	76 (1.6)	▲
Bulgaria	76 (2.0)	▲
Northern Ireland	75 (2.5)	▲
Ireland	75 (2.1)	▲
Belgium (Flemish)	75 (1.5)	▲
Sweden	75 (1.9)	▲
Finland	74 (1.8)	▲
United States	74 (2.0)	▲
Hungary	73 (1.8)	▲
Kazakhstan	73 (2.0)	▲
Slovenia	73 (2.1)	▲
Poland	73 (1.9)	▲
Canada	71 (1.4)	▲
Netherlands	69 (2.4)	▲
Azerbaijan	69 (2.5)	
Australia	68 (2.1)	
France	67 (1.8)	
Germany	67 (1.9)	
Chile	67 (2.0)	
Austria	65 (2.3)	
Lithuania	65 (2.1)	
International Avg.	65 (0.3)	
Georgia	64 (2.9)	
Belgium (French)	64 (1.9)	
Spain	62 (1.7)	
New Zealand	62 (2.1)	
Iran, Islamic Rep. of	60 (2.3)	▼
Israel	60 (2.0)	▼
Italy	60 (2.1)	▼
Czech Republic	59 (1.7)	▼
Slovak Republic	57 (1.7)	▼
Norway (5)	56 (1.9)	▼
Trinidad and Tobago	53 (2.0)	▼
Portugal	50 (2.6)	▼
Malta	42 (1.8)	▼
Qatar	42 (1.7)	▼
Bahrain	39 (2.4)	▼
United Arab Emirates	39 (1.4)	▼
Saudi Arabia	39 (2.2)	▼
Oman	37 (1.6)	▼
Morocco	21 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.1)	▲
Ontario, Canada	71 (2.5)	▲
Quebec, Canada	70 (2.4)	▲
Madrid, Spain	66 (1.8)	
Dubai, UAE	59 (1.5)	▼
Andalusia, Spain	59 (2.1)	▼
Buenos Aires, Argentina	48 (2.3)	▼
Norway (4)	47 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.8)	▼
Abu Dhabi, UAE	31 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y06M (Shiny Straw): Blue Wolf's complaint about SS
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	84 (1.2)	▲
Hong Kong SAR	80 (1.6)	▲
Russian Federation	79 (1.5)	▲
Norway (5)	78 (1.8)	▲
England	77 (1.4)	▲
Sweden	77 (2.0)	▲
Poland	76 (2.1)	▲
Finland	76 (1.6)	▲
United States	75 (1.8)	▲
Czech Republic	75 (2.0)	▲
Chinese Taipei	74 (1.7)	▲
Canada	71 (1.3)	▲
Hungary	71 (2.2)	▲
Macao SAR	71 (1.8)	▲
Denmark	71 (2.0)	▲
Ireland	70 (1.8)	▲
Germany	70 (2.0)	▲
Slovak Republic	70 (2.0)	▲
Northern Ireland	70 (2.3)	▲
Bulgaria	69 (2.5)	▲
Israel	69 (1.9)	▲
Spain	69 (1.6)	▲
Slovenia	68 (2.2)	
Italy	67 (1.8)	▲
Austria	67 (2.1)	
Chile	66 (2.0)	
Australia	66 (2.0)	
France	65 (2.1)	
Lithuania	64 (2.6)	
Netherlands	64 (2.0)	
International Avg.	64 (0.3)	
Latvia	62 (2.3)	
New Zealand	61 (1.9)	
Portugal	61 (2.3)	
Belgium (Flemish)	61 (1.6)	▼
Belgium (French)	57 (2.0)	▼
Malta	55 (1.9)	▼
Trinidad and Tobago	55 (2.5)	▼
Kazakhstan	54 (1.9)	▼
United Arab Emirates	51 (1.3)	▼
Azerbaijan	47 (2.1)	▼
Qatar	46 (1.5)	▼
Bahrain	44 (1.8)	▼
Iran, Islamic Rep. of	43 (2.2)	▼
Oman	41 (2.0)	▼
Saudi Arabia	40 (2.2)	▼
Georgia	38 (2.6)	▼
Morocco	33 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	89 (1.4)	▲
Quebec, Canada	76 (2.3)	▲
Madrid, Spain	74 (1.8)	▲
Ontario, Canada	70 (2.6)	▲
Andalusia, Spain	69 (2.2)	▲
Dubai, UAE	65 (1.9)	
Buenos Aires, Argentina	63 (1.8)	
Norway (4)	60 (2.3)	
Abu Dhabi, UAE	45 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	37 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y07M (Shiny Straw): What Shiny Straw wanted to do
Multiple Choice (Key is B)

Country	Percent Correct	
Finland	92 (1.0)	▲
Austria	91 (1.1)	▲
Russian Federation	90 (1.2)	▲
Hungary	89 (1.2)	▲
Slovenia	89 (1.4)	▲
Germany	89 (1.5)	▲
Lithuania	88 (1.6)	▲
Spain	88 (1.1)	▲
Czech Republic	88 (1.6)	▲
Slovak Republic	87 (1.6)	▲
France	87 (1.2)	▲
Latvia	87 (1.4)	▲
Netherlands	86 (1.5)	▲
Belgium (French)	86 (1.6)	▲
Bulgaria	86 (1.4)	▲
Kazakhstan	85 (1.6)	▲
Georgia	85 (1.7)	▲
Ireland	85 (1.4)	▲
Sweden	85 (1.4)	▲
Italy	85 (1.4)	▲
Chinese Taipei	84 (1.4)	▲
Canada	84 (1.0)	▲
Portugal	83 (1.7)	▲
England	82 (1.3)	▲
Macao SAR	82 (1.6)	
Northern Ireland	81 (1.8)	
Belgium (Flemish)	81 (1.5)	
Denmark	81 (1.8)	
Chile	80 (1.7)	
Hong Kong SAR	80 (2.0)	
Israel	80 (1.5)	
International Avg.	79 (0.2)	
Norway (5)	79 (1.7)	
New Zealand	78 (1.5)	
Singapore	78 (1.4)	
United States	77 (1.8)	
Australia	75 (2.5)	
Poland	74 (2.1)	▼
Azerbaijan	72 (1.8)	▼
Iran, Islamic Rep. of	71 (2.3)	▼
Trinidad and Tobago	68 (2.0)	▼
Malta	65 (1.9)	▼
Qatar	65 (1.6)	▼
United Arab Emirates	63 (1.3)	▼
Bahrain	62 (3.1)	▼
Saudi Arabia	61 (2.1)	▼
Oman	56 (1.7)	▼
Morocco	44 (2.4)	▼
Benchmarking Participants		
Quebec, Canada	91 (1.6)	▲
Madrid, Spain	91 (1.1)	▲
Moscow City, Russian Fed.	90 (1.2)	▲
Andalusia, Spain	88 (1.3)	▲
Buenos Aires, Argentina	82 (1.5)	
Ontario, Canada	81 (1.6)	
Norway (4)	76 (1.8)	▼
Dubai, UAE	72 (1.2)	▼
Abu Dhabi, UAE	56 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	50 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y08M (Shiny Straw): What hunters did to Shiny Straw
Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	90 (1.6)	▲
Russian Federation	86 (1.5)	▲
Sweden	85 (1.7)	▲
Singapore	85 (1.1)	▲
Macao SAR	85 (1.6)	▲
Chinese Taipei	83 (1.6)	▲
Slovenia	83 (1.6)	▲
Lithuania	82 (2.0)	▲
Poland	82 (1.8)	▲
Czech Republic	81 (1.5)	▲
Israel	80 (1.6)	▲
Northern Ireland	79 (1.7)	▲
Ireland	79 (1.6)	▲
United States	78 (1.8)	▲
Slovak Republic	78 (2.0)	▲
Finland	78 (1.7)	▲
Austria	77 (1.8)	▲
Denmark	77 (1.8)	▲
Italy	77 (1.8)	▲
Canada	77 (1.2)	▲
Hungary	77 (1.7)	▲
Germany	76 (2.0)	
England	76 (1.6)	▲
Spain	75 (1.6)	
Portugal	75 (1.9)	
Bulgaria	75 (1.9)	
Australia	74 (1.8)	
Chile	74 (2.2)	
Kazakhstan	73 (1.9)	
France	73 (1.9)	
Latvia	73 (2.0)	
Norway (5)	73 (2.0)	
International Avg.	72 (0.3)	
Belgium (French)	70 (1.6)	
New Zealand	69 (1.8)	
Trinidad and Tobago	66 (1.9)	▼
Belgium (Flemish)	66 (1.9)	▼
Netherlands	65 (2.2)	▼
Azerbaijan	64 (2.0)	▼
Georgia	62 (2.3)	▼
Saudi Arabia	61 (2.0)	▼
Qatar	59 (1.5)	▼
Oman	57 (1.8)	▼
Bahrain	55 (1.3)	▼
United Arab Emirates	54 (1.4)	▼
Malta	50 (2.0)	▼
Morocco	46 (1.9)	▼
Iran, Islamic Rep. of	43 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	91 (1.2)	▲
Madrid, Spain	80 (1.5)	▲
Quebec, Canada	79 (2.1)	▲
Ontario, Canada	79 (1.9)	▲
Andalusia, Spain	75 (1.8)	
Dubai, UAE	69 (1.4)	▼
Norway (4)	64 (2.0)	▼
Buenos Aires, Argentina	61 (2.1)	▼
Abu Dhabi, UAE	47 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	41 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y09C (Shiny Straw): Blue Wolf helps Shiny Straw escape
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hong Kong SAR	83 (1.9) ▲	95 (1.0) ▲
Chinese Taipei	81 (1.6) ▲	94 (1.0) ▲
Russian Federation	79 (1.3) ▲	95 (0.9) ▲
Singapore	79 (1.4) ▲	93 (1.0) ▲
Ireland	75 (1.7) ▲	91 (1.0) ▲
Finland	74 (1.8) ▲	92 (1.0) ▲
Canada	73 (1.2) ▲	89 (1.0) ▲
Macao SAR	72 (2.0) ▲	92 (1.2) ▲
Portugal	71 (2.0) ▲	87 (1.4) ▲
Israel	71 (1.8) ▲	85 (1.4) ▲
Sweden	71 (2.1) ▲	90 (1.4) ▲
Germany	71 (2.4) ▲	85 (1.8) ▲
United States	71 (2.2) ▲	90 (1.3) ▲
Norway (5)	70 (2.2) ▲	87 (1.6) ▲
Lithuania	70 (2.2) ▲	89 (1.5) ▲
Czech Republic	70 (1.7) ▲	86 (1.4) ▲
Northern Ireland	69 (2.5) ▲	88 (1.5) ▲
Austria	69 (2.1) ▲	84 (1.5) ▲
Denmark	69 (2.0) ▲	88 (1.4) ▲
Slovenia	68 (2.6) ▲	85 (2.2) ▲
Australia	68 (2.5) ▲	87 (1.8) ▲
Slovak Republic	68 (1.7) ▲	85 (1.7) ▲
Poland	68 (2.3) ▲	87 (1.5) ▲
England	67 (1.9) ▲	89 (1.4) ▲
Netherlands	66 (2.1) ▲	89 (1.5) ▲
Hungary	65 (2.2) ▲	86 (1.6) ▲
Latvia	65 (2.0) ▲	89 (1.5) ▲
Belgium (Flemish)	63 (2.0) ▲	87 (1.1) ▲
Bulgaria	63 (2.2) ▲	83 (1.8) ▲
International Avg.	61 (0.3)	81 (0.2)
France	59 (2.2) ▼	82 (1.5) ▼
Italy	57 (2.2) ▼	82 (1.9) ▼
Belgium (French)	56 (2.1) ▼	82 (1.8) ▼
Spain	56 (1.4) ▼	85 (1.5) ▼
Kazakhstan	55 (2.2) ▼	87 (1.3) ▼
New Zealand	55 (2.0) ▼	80 (1.6) ▼
Chile	54 (2.5) ▼	78 (2.2) ▼
Georgia	50 (2.3) ▼	73 (2.4) ▼
Trinidad and Tobago	49 (2.3) ▼	70 (2.2) ▼
Saudi Arabia	41 (2.4) ▼	60 (2.6) ▼
Bahrain	41 (1.4) ▼	60 (1.4) ▼
Oman	39 (1.6) ▼	57 (1.7) ▼
United Arab Emirates	39 (1.4) ▼	58 (1.5) ▼
Qatar	38 (1.9) ▼	58 (1.6) ▼
Azerbaijan	38 (2.1) ▼	66 (2.0) ▼
Iran, Islamic Rep. of	34 (2.2) ▼	57 (2.6) ▼
Malta	31 (1.6) ▼	57 (2.1) ▼
Morocco	12 (1.4) ▼	34 (1.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.4) ▲	96 (0.7) ▲
Quebec, Canada	75 (2.6) ▲	92 (1.8) ▲
Ontario, Canada	74 (2.0) ▲	89 (1.9) ▲
Madrid, Spain	61 (2.1) ▼	91 (1.2) ▲
Dubai, UAE	59 (1.5) ▼	77 (1.1) ▼
Norway (4)	56 (2.2) ▼	76 (2.0) ▼
Andalusia, Spain	54 (2.1) ▼	84 (1.5) ▲
Buenos Aires, Argentina	51 (2.6) ▼	73 (2.0) ▼
Abu Dhabi, UAE	30 (1.9) ▼	46 (2.4) ▼
Eng/Afr/Zulu - RSA (5)	25 (1.6) ▼	47 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21Y10C (Shiny Straw): Why SS said I'm sorry
Constructed Response (1 Point)

Country	Percent Correct	
Finland	59 (2.2)	▲
Ireland	56 (2.0)	▲
Canada	53 (1.3)	▲
Northern Ireland	53 (2.5)	▲
United States	53 (2.2)	▲
Australia	52 (2.3)	▲
Poland	51 (2.2)	▲
Singapore	50 (1.8)	▲
Denmark	50 (2.0)	▲
Hong Kong SAR	50 (2.4)	▲
England	50 (1.9)	▲
Belgium (Flemish)	50 (1.7)	▲
Norway (5)	49 (2.2)	▲
Hungary	45 (2.3)	▲
Germany	45 (2.0)	▲
Netherlands	44 (2.2)	▲
New Zealand	43 (1.8)	▲
Russian Federation	43 (1.9)	▲
Georgia	43 (2.1)	▲
Austria	42 (1.8)	▲
Bulgaria	41 (2.1)	
Portugal	41 (2.3)	
Macao SAR	41 (2.1)	
Kazakhstan	41 (2.1)	
Israel	39 (2.1)	
International Avg.	38 (0.3)	
Belgium (French)	38 (2.1)	
Slovenia	37 (1.9)	
Chinese Taipei	37 (1.7)	
Sweden	36 (2.0)	
Czech Republic	36 (2.0)	
France	34 (1.7)	▼
Slovak Republic	33 (2.0)	▼
Latvia	33 (1.9)	▼
Lithuania	32 (2.2)	▼
Spain	32 (1.2)	▼
Chile	27 (1.6)	▼
Trinidad and Tobago	26 (1.8)	▼
Italy	26 (1.7)	▼
Saudi Arabia	26 (2.0)	▼
Azerbaijan	24 (1.9)	▼
Bahrain	22 (1.4)	▼
Iran, Islamic Rep. of	21 (2.0)	▼
Qatar	21 (1.1)	▼
United Arab Emirates	18 (0.9)	▼
Malta	18 (1.5)	▼
Oman	16 (1.2)	▼
Morocco	7 (1.1)	▼
Benchmarking Participants		
Ontario, Canada	60 (2.6)	▲
Moscow City, Russian Fed.	50 (2.0)	▲
Quebec, Canada	41 (2.7)	
Madrid, Spain	35 (1.8)	
Norway (4)	34 (2.1)	▼
Dubai, UAE	30 (1.4)	▼
Buenos Aires, Argentina	30 (2.0)	▼
Andalusia, Spain	30 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	13 (1.7)	▼
Abu Dhabi, UAE	12 (1.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y11M (Shiny Straw): Understanding of mother's words
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	88 (1.3)	▲
Finland	81 (1.4)	▲
Singapore	81 (1.2)	▲
Hong Kong SAR	80 (2.0)	▲
Latvia	80 (1.7)	▲
Poland	80 (1.8)	▲
Czech Republic	80 (1.5)	▲
Macao SAR	78 (1.7)	▲
Italy	76 (1.9)	▲
Denmark	75 (2.0)	▲
Sweden	75 (2.3)	▲
Lithuania	75 (1.9)	▲
Slovenia	75 (2.6)	▲
Austria	75 (1.7)	▲
Northern Ireland	74 (2.3)	▲
Germany	74 (1.7)	▲
Bulgaria	73 (2.2)	▲
Ireland	73 (1.8)	▲
France	72 (2.0)	▲
Slovak Republic	72 (1.9)	▲
Netherlands	71 (1.6)	▲
Canada	71 (1.3)	▲
Belgium (French)	70 (2.2)	▲
England	70 (1.6)	▲
Spain	70 (1.8)	▲
United States	69 (2.4)	
Australia	68 (1.6)	
Hungary	68 (2.4)	
Norway (5)	68 (2.2)	
Kazakhstan	67 (2.5)	
International Avg.	66 (0.3)	
Chinese Taipei	65 (2.0)	
Portugal	65 (2.2)	
New Zealand	64 (1.7)	
Israel	64 (1.8)	
Chile	63 (2.2)	
Belgium (Flemish)	63 (1.9)	
Azerbaijan	60 (2.4)	▼
Trinidad and Tobago	57 (2.2)	▼
Georgia	53 (3.0)	▼
Malta	50 (1.9)	▼
United Arab Emirates	45 (1.4)	▼
Qatar	41 (1.6)	▼
Bahrain	41 (1.9)	▼
Iran, Islamic Rep. of	39 (2.6)	▼
Saudi Arabia	38 (2.0)	▼
Oman	38 (1.9)	▼
Morocco	34 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (1.2)	▲
Madrid, Spain	80 (1.5)	▲
Andalusia, Spain	74 (1.7)	▲
Quebec, Canada	73 (2.7)	▲
Ontario, Canada	70 (2.3)	
Dubai, UAE	61 (1.4)	▼
Norway (4)	58 (2.3)	▼
Buenos Aires, Argentina	52 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	47 (2.0)	▼
Abu Dhabi, UAE	40 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R21Y12C (Shiny Straw): Words that describe Shiny Straw
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	77 (1.8) ▲	81 (1.7) ▲
Ireland	69 (2.1) ▲	74 (2.2) ▲
England	69 (1.8) ▲	78 (1.7) ▲
Czech Republic	68 (1.8) ▲	73 (1.9) ▲
Hungary	67 (2.0) ▲	77 (2.1) ▲
Denmark	67 (1.6) ▲	75 (1.7) ▲
United States	67 (2.4) ▲	72 (2.3) ▲
Singapore	66 (1.8) ▲	73 (1.7) ▲
Northern Ireland	66 (1.9) ▲	75 (1.9) ▲
Slovak Republic	65 (2.0) ▲	73 (1.8) ▲
Finland	65 (2.2) ▲	72 (2.1) ▲
Italy	64 (2.3) ▲	71 (2.0) ▲
Canada	63 (1.5) ▲	71 (1.4) ▲
Netherlands	63 (2.1) ▲	68 (2.1) ▲
Hong Kong SAR	62 (2.2) ▲	72 (2.1) ▲
Israel	61 (1.9) ▲	66 (1.8) ▲
Portugal	60 (2.2) ▲	71 (2.1) ▲
Norway (5)	60 (2.1) ▲	70 (2.1) ▲
Bulgaria	60 (2.6) ▲	68 (2.2) ▲
Sweden	60 (2.1) ▲	72 (1.9) ▲
Macao SAR	58 (2.2) ▲	63 (2.2)
Australia	57 (2.1) ▲	70 (2.1) ▲
Poland	57 (2.2) ▲	63 (2.1) ▲
Belgium (Flemish)	56 (1.9) ▲	62 (2.0)
Slovenia	55 (2.1) ▲	71 (2.1) ▲
Germany	53 (2.2)	60 (2.4)
Belgium (French)	52 (2.1)	58 (2.3)
Chinese Taipei	51 (2.0)	62 (1.9)
International Avg.	50 (0.3)	59 (0.3)
Lithuania	49 (2.3)	59 (2.3)
New Zealand	48 (1.8)	58 (1.7)
Chile	47 (2.7)	53 (2.7) ▼
Latvia	46 (2.1)	63 (2.0) ▲
France	46 (2.2)	50 (2.2) ▼
Austria	45 (2.5) ▼	51 (2.4) ▼
Spain	43 (1.9) ▼	60 (1.9)
Trinidad and Tobago	38 (2.3) ▼	46 (2.2) ▼
Georgia	33 (2.1) ▼	43 (2.6) ▼
Kazakhstan	32 (1.7) ▼	61 (2.2)
Bahrain	29 (1.6) ▼	32 (1.8) ▼
Malta	28 (1.5) ▼	34 (1.7) ▼
United Arab Emirates	25 (1.2) ▼	30 (1.4) ▼
Iran, Islamic Rep. of	24 (2.5) ▼	28 (2.5) ▼
Qatar	23 (1.1) ▼	27 (1.1) ▼
Saudi Arabia	18 (1.8) ▼	67 (2.1) ▲
Oman	15 (1.2) ▼	17 (1.3) ▼
Azerbaijan	10 (1.0) ▼	27 (2.0) ▼
Morocco	5 (1.1) ▼	10 (1.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	81 (1.7) ▲	86 (1.5) ▲
Ontario, Canada	64 (2.7) ▲	72 (2.7) ▲
Quebec, Canada	59 (2.5) ▲	71 (2.5) ▲
Madrid, Spain	47 (1.8)	70 (1.9) ▲
Norway (4)	46 (2.0)	54 (2.0) ▼
Dubai, UAE	43 (1.2) ▼	50 (1.2) ▼
Buenos Aires, Argentina	42 (2.2) ▼	46 (2.2) ▼
Andalusia, Spain	40 (2.4) ▼	60 (2.2)
Eng/Afr/Zulu - RSA (5)	19 (2.3) ▼	25 (2.3) ▼
Abu Dhabi, UAE	19 (2.0) ▼	23 (2.1) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21Y13C (Shiny Straw): Describe Blue Wolf
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	37 (1.8) ▲	64 (1.8) ▲	86 (1.2) ▲
Russian Federation	37 (2.0) ▲	65 (2.1) ▲	91 (1.3) ▲
Northern Ireland	37 (2.2) ▲	59 (2.4) ▲	81 (1.7) ▲
Ireland	33 (2.3) ▲	57 (2.5) ▲	81 (1.9) ▲
Israel	33 (1.9) ▲	53 (1.9) ▲	78 (1.8) ▲
Hong Kong SAR	32 (2.2) ▲	67 (2.3) ▲	81 (2.1) ▲
Chinese Taipei	32 (1.9) ▲	60 (2.3) ▲	83 (1.5) ▲
Hungary	31 (1.8) ▲	57 (2.5) ▲	79 (1.8) ▲
United States	30 (2.2) ▲	60 (2.2) ▲	82 (1.8) ▲
Sweden	28 (1.8) ▲	51 (2.1) ▲	84 (1.7) ▲
Canada	26 (1.2) ▲	49 (1.6) ▲	74 (1.3) ▲
Latvia	26 (1.9) ▲	51 (2.2) ▲	83 (1.5) ▲
Italy	26 (1.8) ▲	51 (2.2) ▲	76 (2.0) ▲
Portugal	24 (2.2) ▲	42 (2.5)	72 (2.2)
Poland	24 (2.3) ▲	50 (2.5) ▲	80 (1.7) ▲
Lithuania	24 (2.1) ▲	48 (2.2) ▲	80 (2.0) ▲
Australia	24 (2.0) ▲	48 (2.4) ▲	79 (1.9) ▲
Slovak Republic	22 (1.4) ▲	50 (1.8) ▲	80 (1.9) ▲
Denmark	22 (1.9)	42 (2.3)	79 (1.7) ▲
Bulgaria	22 (2.0)	48 (2.5) ▲	79 (2.0) ▲
England	20 (1.3)	52 (1.7) ▲	78 (1.6) ▲
International Avg.	19 (0.2)	40 (0.3)	68 (0.3)
Chile	19 (1.8)	36 (2.5)	71 (2.5)
Macao SAR	18 (1.5)	55 (1.8) ▲	73 (1.8) ▲
Finland	18 (1.9)	38 (2.5)	76 (2.0) ▲
Spain	16 (1.1) ▼	43 (1.4) ▲	60 (1.3) ▼
Germany	16 (1.6)	31 (1.8) ▼	77 (2.3) ▲
Kazakhstan	16 (1.7)	43 (2.0)	76 (2.1) ▲
Czech Republic	16 (1.5) ▼	35 (2.0) ▼	69 (1.9)
Netherlands	14 (1.4) ▼	31 (1.7) ▼	74 (1.8) ▲
Belgium (French)	14 (1.2) ▼	26 (1.8) ▼	57 (2.1) ▼
Austria	14 (1.7) ▼	43 (2.4)	77 (2.0) ▲
New Zealand	14 (1.2) ▼	37 (2.0)	68 (1.9)
Slovenia	14 (1.5) ▼	30 (2.2) ▼	66 (2.6)
Georgia	12 (1.8) ▼	30 (1.9) ▼	57 (2.2) ▼
France	10 (1.4) ▼	31 (2.2) ▼	63 (2.2) ▼
Norway (5)	10 (1.1) ▼	23 (2.0) ▼	81 (1.9) ▲
Bahrain	10 (0.9) ▼	25 (1.3) ▼	45 (1.8) ▼
Trinidad and Tobago	9 (1.2) ▼	24 (1.6) ▼	47 (2.3) ▼
Malta	9 (1.1) ▼	25 (1.6) ▼	45 (1.9) ▼
Oman	8 (1.1) ▼	17 (1.5) ▼	35 (1.7) ▼
Qatar	7 (0.7) ▼	17 (1.1) ▼	40 (1.3) ▼
United Arab Emirates	7 (0.5) ▼	18 (0.8) ▼	45 (1.6) ▼
Belgium (Flemish)	7 (1.1) ▼	14 (1.4) ▼	76 (1.9) ▲
Iran, Islamic Rep. of	6 (1.2) ▼	19 (1.7) ▼	51 (2.4) ▼
Saudi Arabia	6 (1.0) ▼	20 (1.9) ▼	41 (2.4) ▼
Azerbaijan	6 (0.8) ▼	18 (1.3) ▼	46 (2.4) ▼
Morocco	2 (0.6) ▼	4 (0.8) ▼	11 (1.3) ▼

Benchmarking Participants

Moscow City, Russian Fed.	50 (1.9) ▲	80 (1.8) ▲	94 (1.0) ▲
Ontario, Canada	29 (2.2) ▲	55 (2.9) ▲	75 (2.1) ▲
Quebec, Canada	24 (2.4) ▲	46 (3.0) ▲	71 (2.5)
Madrid, Spain	22 (1.8)	55 (2.3) ▲	70 (2.2)
Andalusia, Spain	16 (1.5)	45 (2.2) ▲	60 (2.1) ▼
Dubai, UAE	15 (1.2) ▼	34 (1.3) ▼	64 (1.4) ▼
Buenos Aires, Argentina	7 (1.2) ▼	16 (1.6) ▼	51 (2.3) ▼
Norway (4)	4 (0.8) ▼	12 (1.4) ▼	68 (1.9)
Abu Dhabi, UAE	4 (0.9) ▼	12 (1.3) ▼	38 (2.0) ▼
Eng/Afr/Zulu - RSA (5)	4 (0.9) ▼	14 (1.9) ▼	25 (2.3) ▼

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R21Y14C (Shiny Straw): Would Blue Wolf be a better title
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
United States	59 (2.3) ▲	72 (2.2) ▲
Bulgaria	56 (2.4) ▲	72 (2.2) ▲
Netherlands	53 (2.2) ▲	64 (2.0) ▲
Israel	53 (2.1) ▲	69 (2.1) ▲
Finland	53 (2.0) ▲	71 (1.9) ▲
Slovenia	52 (2.6) ▲	79 (2.4) ▲
Northern Ireland	51 (2.3) ▲	67 (2.0) ▲
Lithuania	51 (2.6) ▲	61 (2.4) ▲
Australia	51 (2.1) ▲	68 (2.2) ▲
Singapore	50 (1.6) ▲	77 (1.5) ▲
Russian Federation	50 (2.3) ▲	69 (2.2) ▲
Hungary	50 (2.2) ▲	66 (2.0) ▲
Latvia	49 (2.3) ▲	69 (2.1) ▲
Ireland	48 (2.5) ▲	65 (2.7) ▲
Hong Kong SAR	48 (2.4) ▲	62 (2.5) ▲
Belgium (Flemish)	47 (2.2) ▲	61 (2.1) ▲
Denmark	46 (2.4) ▲	68 (2.4) ▲
Canada	46 (1.7) ▲	60 (1.6) ▲
England	46 (2.0) ▲	63 (2.0) ▲
Poland	45 (2.1) ▲	81 (1.8) ▲
Italy	45 (2.4) ▲	69 (2.0) ▲
Norway (5)	44 (2.3) ▲	62 (2.3) ▲
New Zealand	40 (1.8)	51 (1.7) ▼
Chile	39 (2.0)	54 (2.3)
Slovak Republic	38 (1.9)	60 (2.1)
Chinese Taipei	38 (1.9)	60 (2.1) ▲
International Avg.	38 (0.3)	56 (0.3)
Czech Republic	36 (1.8)	55 (1.9)
Sweden	36 (2.2)	57 (2.4)
Georgia	35 (2.2)	47 (2.5) ▼
Macao SAR	35 (2.1)	61 (1.6) ▲
Germany	34 (2.1)	59 (2.1)
Spain	33 (1.5) ▼	50 (1.7) ▼
Saudi Arabia	32 (2.0) ▼	57 (2.0)
France	29 (2.2) ▼	57 (2.1)
Belgium (French)	28 (1.6) ▼	51 (2.0) ▼
Portugal	26 (2.0) ▼	56 (2.0)
Austria	25 (1.7) ▼	34 (2.1) ▼
Kazakhstan	23 (1.7) ▼	60 (1.9) ▲
Malta	22 (1.5) ▼	35 (1.7) ▼
Trinidad and Tobago	21 (1.6) ▼	32 (1.7) ▼
Qatar	20 (1.2) ▼	31 (1.5) ▼
United Arab Emirates	19 (1.0) ▼	34 (1.6) ▼
Bahrain	18 (1.1) ▼	32 (1.4) ▼
Oman	13 (1.0) ▼	29 (1.4) ▼
Azerbaijan	13 (1.3) ▼	30 (1.9) ▼
Iran, Islamic Rep. of	12 (1.6) ▼	27 (2.6) ▼
Morocco	6 (1.2) ▼	11 (1.4) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	69 (1.9) ▲	85 (1.5) ▲
Ontario, Canada	46 (3.1) ▲	59 (3.2)
Quebec, Canada	45 (3.7) ▲	66 (2.7) ▲
Madrid, Spain	33 (2.1) ▼	52 (2.2)
Dubai, UAE	32 (1.3) ▼	55 (1.3)
Norway (4)	31 (1.9) ▼	45 (2.2) ▼
Andalusia, Spain	28 (2.1) ▼	50 (2.4) ▼
Buenos Aires, Argentina	28 (1.7) ▼	39 (2.0) ▼
Eng/Afr/Zulu - RSA (5)	15 (1.5) ▼	26 (2.1) ▼
Abu Dhabi, UAE	14 (1.5) ▼	26 (2.0) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R31M01M (The Empty Pot): Why Emperor held contest
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	96 (0.7)	▲
Hong Kong SAR	95 (1.0)	▲
Bulgaria	95 (1.2)	▲
Finland	94 (1.0)	▲
Norway (5)	94 (1.2)	▲
Latvia	94 (1.0)	▲
Slovenia	94 (1.0)	▲
Chinese Taipei	94 (1.0)	▲
Denmark	93 (1.2)	▲
Italy	93 (1.3)	▲
Austria	93 (1.1)	▲
Czech Republic	93 (1.0)	▲
Ireland	93 (1.4)	▲
Slovak Republic	93 (1.0)	▲
Poland	92 (1.1)	▲
Hungary	92 (1.1)	▲
Sweden	92 (1.2)	▲
Singapore	92 (0.9)	▲
France	92 (1.4)	▲
Lithuania	92 (1.3)	▲
Macao SAR	91 (1.1)	▲
Germany	91 (1.4)	▲
Northern Ireland	91 (1.4)	▲
England	90 (1.0)	▲
Portugal	90 (1.2)	▲
Netherlands	90 (1.3)	▲
Spain	89 (1.1)	▲
Israel	89 (1.4)	▲
Belgium (French)	87 (1.6)	
Belgium (Flemish)	87 (1.4)	
Canada	86 (1.3)	
International Avg.	85 (0.2)	
Australia	84 (1.5)	
Kazakhstan	84 (1.5)	
Georgia	83 (1.9)	
Chile	83 (1.7)	
New Zealand	83 (1.4)	▼
United States	82 (1.6)	▼
Bahrain	75 (1.7)	▼
Azerbaijan	74 (2.1)	▼
Trinidad and Tobago	74 (2.3)	▼
Iran, Islamic Rep. of	72 (2.4)	▼
Malta	70 (1.8)	▼
Qatar	69 (1.5)	▼
United Arab Emirates	68 (1.4)	▼
Saudi Arabia	66 (1.7)	▼
Oman	52 (1.5)	▼
Morocco	51 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.5)	▲
Norway (4)	93 (1.0)	▲
Madrid, Spain	92 (1.2)	▲
Quebec, Canada	92 (1.7)	▲
Andalusia, Spain	90 (1.4)	▲
Buenos Aires, Argentina	88 (1.3)	▲
Ontario, Canada	84 (1.6)	
Dubai, UAE	82 (1.2)	▼
Abu Dhabi, UAE	59 (2.6)	▼
Eng/Afr/Zulu - RSA (5)	58 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M02C (The Empty Pot): What each child received
Constructed Response (1 Point)

Country	Percent Correct	
Lithuania	95 (0.9)	▲
Norway (5)	95 (1.2)	▲
Singapore	94 (0.8)	▲
Hungary	94 (1.1)	▲
Hong Kong SAR	93 (1.3)	▲
Czech Republic	93 (1.2)	▲
Slovenia	93 (1.2)	▲
Macao SAR	92 (1.1)	▲
Finland	92 (1.0)	▲
Chinese Taipei	92 (1.1)	▲
Slovak Republic	92 (1.2)	▲
Poland	92 (1.2)	▲
Sweden	91 (1.4)	▲
Italy	90 (1.4)	▲
Northern Ireland	90 (1.6)	▲
Russian Federation	90 (1.3)	▲
Germany	89 (1.4)	▲
Austria	89 (1.2)	▲
Kazakhstan	89 (1.3)	▲
Ireland	89 (1.4)	▲
England	88 (1.3)	▲
Bulgaria	87 (2.2)	▲
Israel	87 (1.4)	▲
Portugal	85 (1.5)	▲
Canada	85 (1.1)	▲
France	83 (1.6)	
United States	82 (1.6)	
Australia	82 (1.6)	
Belgium (French)	81 (1.9)	
Latvia	81 (1.9)	
Denmark	80 (1.8)	
International Avg.	80 (0.2)	
Spain	80 (1.2)	
Netherlands	79 (1.8)	
New Zealand	77 (1.5)	▼
Chile	75 (2.0)	▼
Azerbaijan	72 (2.3)	▼
Trinidad and Tobago	68 (2.3)	▼
Belgium (Flemish)	68 (2.1)	▼
Georgia	64 (1.9)	▼
Bahrain	64 (2.0)	▼
United Arab Emirates	61 (1.5)	▼
Malta	58 (1.7)	▼
Oman	57 (1.8)	▼
Qatar	56 (1.3)	▼
Saudi Arabia	55 (2.0)	▼
Iran, Islamic Rep. of	55 (2.5)	▼
Morocco	20 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	92 (1.2)	▲
Quebec, Canada	91 (1.4)	▲
Norway (4)	90 (1.1)	▲
Madrid, Spain	88 (1.7)	▲
Ontario, Canada	84 (2.0)	
Andalusia, Spain	80 (1.8)	
Buenos Aires, Argentina	78 (2.0)	
Dubai, UAE	77 (1.2)	▼
Abu Dhabi, UAE	52 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	46 (2.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M03M (The Empty Pot): Why called precious possibility
Multiple Choice (Key is A)

Country	Percent Correct	
Netherlands	85 (1.3)	▲
Poland	83 (1.3)	▲
Hong Kong SAR	82 (1.7)	▲
Norway (5)	81 (1.8)	▲
Northern Ireland	79 (1.6)	▲
Denmark	79 (1.9)	▲
Latvia	78 (1.8)	▲
Italy	78 (1.4)	▲
Russian Federation	77 (1.8)	▲
Czech Republic	77 (1.8)	▲
Austria	77 (2.1)	▲
Belgium (Flemish)	77 (1.8)	▲
Slovenia	76 (1.9)	▲
Germany	75 (1.8)	▲
England	73 (1.4)	▲
Bulgaria	73 (2.6)	▲
Sweden	73 (1.9)	▲
Singapore	73 (1.6)	▲
Finland	73 (1.5)	▲
Ireland	72 (2.6)	▲
Macao SAR	71 (1.7)	▲
United States	71 (2.1)	▲
Canada	70 (1.2)	▲
Slovak Republic	70 (1.9)	▲
Australia	70 (1.6)	▲
Lithuania	69 (2.1)	
Spain	68 (1.9)	
International Avg.	66 (0.3)	
Chinese Taipei	65 (2.0)	
Chile	65 (2.0)	
New Zealand	65 (2.1)	
Hungary	65 (2.0)	
Belgium (French)	64 (2.1)	
Israel	64 (2.0)	
France	63 (2.3)	
Portugal	62 (2.1)	▼
Kazakhstan	58 (2.4)	▼
Saudi Arabia	56 (1.9)	▼
Georgia	52 (2.6)	▼
Azerbaijan	50 (2.3)	▼
Bahrain	49 (1.5)	▼
Iran, Islamic Rep. of	47 (2.5)	▼
United Arab Emirates	47 (1.2)	▼
Trinidad and Tobago	45 (2.1)	▼
Oman	45 (2.0)	▼
Qatar	44 (1.6)	▼
Malta	37 (1.6)	▼
Morocco	32 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.2)	▲
Quebec, Canada	80 (2.2)	▲
Madrid, Spain	74 (1.9)	▲
Norway (4)	74 (1.9)	▲
Buenos Aires, Argentina	68 (2.2)	
Ontario, Canada	68 (2.5)	
Andalusia, Spain	65 (2.2)	
Dubai, UAE	62 (1.3)	▼
Abu Dhabi, UAE	41 (2.5)	▼
Eng/Afr/Zulu - RSA (5)	38 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M04C (The Empty Pot): How Jun is best gardener
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	73 (2.2)	▲
Bulgaria	70 (2.2)	▲
Poland	68 (2.4)	▲
Singapore	68 (1.4)	▲
Macao SAR	66 (1.6)	▲
Sweden	65 (2.3)	▲
Hungary	62 (2.1)	▲
Norway (5)	61 (2.2)	▲
Chinese Taipei	61 (2.1)	▲
Czech Republic	60 (2.2)	▲
Israel	57 (2.2)	▲
Kazakhstan	54 (2.2)	▲
Netherlands	53 (2.7)	▲
England	52 (2.0)	▲
Finland	52 (2.2)	▲
Austria	49 (2.5)	
Ireland	49 (1.9)	
Lithuania	47 (2.9)	
Northern Ireland	47 (2.1)	
Canada	47 (1.4)	
International Avg.	46 (0.3)	
Belgium (Flemish)	45 (2.0)	
Portugal	44 (1.9)	
Germany	44 (2.2)	
United States	43 (2.2)	
Denmark	43 (2.3)	
Azerbaijan	43 (2.0)	
Slovenia	42 (2.4)	
Georgia	42 (2.1)	
Russian Federation	42 (2.3)	
France	40 (2.2)	▼
Australia	40 (2.0)	▼
United Arab Emirates	40 (1.3)	▼
Bahrain	38 (1.4)	▼
Oman	38 (1.6)	▼
Qatar	37 (1.4)	▼
Spain	37 (1.9)	▼
Latvia	36 (2.3)	▼
Belgium (French)	35 (2.1)	▼
Saudi Arabia	35 (1.8)	▼
New Zealand	34 (2.0)	▼
Italy	32 (2.1)	▼
Trinidad and Tobago	28 (2.0)	▼
Malta	24 (1.7)	▼
Morocco	24 (1.8)	▼
Iran, Islamic Rep. of	23 (2.4)	▼
Chile	22 (1.5)	▼
Slovak Republic	- -	
Benchmarking Participants		
Quebec, Canada	60 (2.4)	▲
Norway (4)	50 (2.4)	
Dubai, UAE	50 (1.8)	▲
Moscow City, Russian Fed.	45 (2.1)	
Ontario, Canada	43 (2.7)	
Madrid, Spain	43 (2.2)	
Buenos Aires, Argentina	34 (2.3)	▼
Andalusia, Spain	34 (1.8)	▼
Abu Dhabi, UAE	33 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	20 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R31M05M (The Empty Pot): Which pot looks like Jun's
Multiple Choice (Key is A)

Country	Percent Correct	
Finland	87 (1.6)	▲
Lithuania	87 (1.4)	▲
Norway (5)	86 (1.6)	▲
Singapore	85 (1.1)	▲
Sweden	84 (1.7)	▲
Germany	83 (1.5)	▲
Denmark	83 (1.7)	▲
Hungary	83 (1.6)	▲
England	82 (1.6)	▲
Slovak Republic	82 (1.6)	▲
Latvia	79 (2.0)	▲
Poland	78 (1.5)	▲
Netherlands	78 (1.6)	▲
Ireland	78 (1.9)	▲
Czech Republic	76 (1.6)	▲
Northern Ireland	76 (2.1)	▲
Chinese Taipei	76 (1.9)	▲
Hong Kong SAR	76 (1.7)	▲
United States	76 (1.8)	▲
Austria	76 (1.8)	▲
Italy	75 (1.8)	
Australia	74 (1.9)	
Kazakhstan	74 (1.9)	
New Zealand	74 (1.6)	
Slovenia	74 (2.5)	
Russian Federation	73 (2.0)	
Bulgaria	73 (2.3)	
Spain	73 (1.5)	
Canada	72 (1.3)	
International Avg.	72 (0.3)	
Israel	72 (2.0)	
Belgium (Flemish)	70 (1.6)	
France	70 (1.9)	
Chile	69 (2.6)	
Azerbaijan	69 (2.5)	
Portugal	69 (2.0)	
Georgia	68 (2.4)	
Trinidad and Tobago	65 (2.1)	▼
Belgium (French)	61 (2.3)	▼
United Arab Emirates	61 (1.3)	▼
Macao SAR	60 (2.0)	▼
Qatar	56 (1.7)	▼
Iran, Islamic Rep. of	56 (2.9)	▼
Malta	56 (1.9)	▼
Oman	55 (1.6)	▼
Bahrain	53 (1.9)	▼
Saudi Arabia	51 (2.6)	▼
Morocco	44 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	79 (1.8)	▲
Norway (4)	77 (1.9)	▲
Madrid, Spain	77 (1.6)	▲
Andalusia, Spain	75 (1.8)	
Quebec, Canada	75 (2.2)	
Ontario, Canada	71 (2.7)	
Buenos Aires, Argentina	69 (1.9)	
Dubai, UAE	68 (1.7)	▼
Abu Dhabi, UAE	56 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	46 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M06M (The Empty Pot): What paragraph shows about Jun
Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	88 (1.7)	▲
Russian Federation	87 (1.4)	▲
Macao SAR	83 (1.5)	▲
Chinese Taipei	83 (1.4)	▲
Latvia	80 (1.8)	▲
Finland	80 (1.6)	▲
Singapore	75 (1.5)	▲
Northern Ireland	71 (2.1)	▲
Sweden	71 (2.3)	▲
Lithuania	71 (2.2)	▲
Ireland	70 (1.9)	▲
England	69 (1.6)	▲
Italy	69 (1.8)	▲
Australia	69 (1.9)	▲
Denmark	68 (2.1)	▲
Portugal	67 (1.7)	▲
Bulgaria	66 (2.6)	▲
Spain	65 (1.3)	▲
Canada	65 (1.4)	▲
United States	63 (2.2)	
New Zealand	61 (2.0)	
Austria	60 (2.4)	
Poland	60 (1.9)	
International Avg.	59 (0.3)	
Slovak Republic	58 (2.3)	
Slovenia	57 (2.5)	
Czech Republic	55 (2.1)	▼
Netherlands	53 (2.0)	▼
Chile	53 (2.1)	▼
Qatar	52 (1.8)	▼
Norway (5)	52 (2.2)	▼
Hungary	52 (2.1)	▼
Kazakhstan	52 (1.9)	▼
United Arab Emirates	50 (1.4)	▼
France	50 (2.0)	▼
Israel	50 (1.9)	▼
Belgium (French)	50 (2.1)	▼
Belgium (Flemish)	48 (2.1)	▼
Bahrain	48 (2.0)	▼
Trinidad and Tobago	48 (2.2)	▼
Germany	47 (2.0)	▼
Azerbaijan	47 (2.1)	▼
Georgia	44 (2.2)	▼
Morocco	40 (2.5)	▼
Oman	39 (1.8)	▼
Malta	37 (2.0)	▼
Iran, Islamic Rep. of	35 (3.2)	▼
Saudi Arabia	23 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	90 (1.2)	▲
Madrid, Spain	71 (1.9)	▲
Quebec, Canada	70 (2.3)	▲
Ontario, Canada	64 (2.6)	
Andalusia, Spain	63 (2.0)	
Dubai, UAE	61 (1.8)	
Buenos Aires, Argentina	52 (2.1)	▼
Abu Dhabi, UAE	45 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	41 (2.3)	▼
Norway (4)	39 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M07M (The Empty Pot): Why children built fences
Multiple Choice (Key is B)

Country	Percent Correct	
Hong Kong SAR	93 (1.1)	▲
Finland	93 (1.0)	▲
Singapore	91 (1.0)	▲
England	89 (1.2)	▲
Latvia	89 (1.3)	▲
Ireland	89 (1.5)	▲
Slovenia	88 (1.6)	▲
Northern Ireland	88 (1.3)	▲
Lithuania	87 (1.6)	▲
Sweden	87 (1.6)	▲
Russian Federation	87 (1.4)	▲
Chinese Taipei	87 (1.4)	▲
Czech Republic	85 (1.5)	▲
Macao SAR	85 (1.4)	▲
Austria	85 (1.6)	▲
Netherlands	85 (1.5)	▲
Germany	84 (1.5)	▲
United States	84 (1.6)	▲
Denmark	83 (1.5)	▲
Kazakhstan	83 (1.5)	▲
Hungary	83 (1.5)	▲
Australia	82 (1.3)	▲
Bulgaria	81 (1.9)	▲
Israel	81 (1.6)	▲
Italy	80 (1.9)	▲
Poland	80 (1.5)	▲
Canada	79 (1.3)	▲
Slovak Republic	79 (1.8)	
New Zealand	78 (1.6)	
International Avg.	76 (0.2)	
France	75 (1.5)	
Belgium (Flemish)	74 (1.9)	
Chile	73 (1.8)	
Spain	73 (1.4)	▼
Portugal	72 (1.9)	▼
Trinidad and Tobago	71 (2.3)	▼
Georgia	68 (2.2)	▼
Azerbaijan	66 (1.9)	▼
Belgium (French)	59 (2.2)	▼
Iran, Islamic Rep. of	59 (3.0)	▼
Qatar	57 (1.4)	▼
United Arab Emirates	57 (1.4)	▼
Saudi Arabia	55 (2.0)	▼
Malta	52 (2.0)	▼
Bahrain	48 (2.0)	▼
Oman	41 (1.7)	▼
Morocco	40 (2.4)	▼
Norway (5)	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Quebec, Canada	83 (2.1)	▲
Madrid, Spain	81 (1.7)	▲
Ontario, Canada	79 (2.5)	
Andalusia, Spain	77 (1.7)	
Buenos Aires, Argentina	77 (1.9)	
Dubai, UAE	74 (1.7)	
Abu Dhabi, UAE	51 (2.6)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.5)	▼
Norway (4)	- -	

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R31M08M (The Empty Pot): Jun did when seed didn't grow
Multiple Choice (Key is D)

Country	Percent Correct	
Russian Federation	95 (1.0)	▲
Czech Republic	91 (1.4)	▲
Lithuania	91 (1.4)	▲
Latvia	89 (1.5)	▲
Hungary	89 (1.4)	▲
Finland	89 (1.2)	▲
Singapore	89 (0.9)	▲
Ireland	88 (1.5)	▲
Hong Kong SAR	88 (1.2)	▲
Slovak Republic	88 (1.4)	▲
Northern Ireland	87 (1.3)	▲
Germany	87 (1.4)	▲
Denmark	87 (1.6)	▲
Slovenia	87 (1.8)	▲
Spain	86 (1.4)	▲
Austria	85 (1.5)	▲
Sweden	85 (1.7)	▲
Macao SAR	84 (1.5)	▲
Italy	84 (1.6)	▲
Poland	84 (1.7)	▲
England	83 (1.5)	▲
Netherlands	83 (1.6)	▲
Norway (5)	82 (1.5)	▲
Bulgaria	82 (2.0)	
Chinese Taipei	81 (1.6)	▲
Canada	81 (1.3)	▲
France	81 (1.8)	
Australia	80 (1.7)	
United States	79 (1.6)	
International Avg.	78 (0.2)	
Kazakhstan	77 (1.9)	
Belgium (French)	76 (2.0)	
Belgium (Flemish)	76 (1.6)	
Portugal	75 (2.1)	
Israel	75 (1.9)	
New Zealand	73 (1.9)	▼
Chile	73 (1.9)	▼
Georgia	70 (1.9)	▼
Azerbaijan	69 (2.2)	▼
Trinidad and Tobago	69 (2.4)	▼
United Arab Emirates	63 (1.3)	▼
Qatar	60 (1.6)	▼
Iran, Islamic Rep. of	60 (2.8)	▼
Malta	58 (1.9)	▼
Saudi Arabia	55 (2.2)	▼
Oman	55 (1.7)	▼
Bahrain	54 (1.5)	▼
Morocco	46 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.7)	▲
Madrid, Spain	90 (1.5)	▲
Quebec, Canada	87 (2.0)	▲
Andalusia, Spain	86 (1.5)	▲
Ontario, Canada	79 (2.5)	
Dubai, UAE	76 (1.8)	
Buenos Aires, Argentina	75 (1.8)	▼
Norway (4)	73 (1.8)	▼
Abu Dhabi, UAE	57 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	53 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M09C (The Empty Pot): Why other children laughed
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Kazakhstan	51 (1.7) ▲	87 (1.3) ▲
England	46 (2.1) ▲	92 (1.0) ▲
Singapore	43 (1.8) ▲	91 (0.7) ▲
Israel	38 (2.3) ▲	78 (1.7)
Russian Federation	38 (2.1) ▲	88 (1.3) ▲
Chinese Taipei	37 (2.1) ▲	85 (1.6) ▲
Ireland	35 (1.6) ▲	88 (1.6) ▲
Poland	34 (2.3) ▲	93 (1.1) ▲
Northern Ireland	34 (2.2) ▲	91 (1.3) ▲
Canada	34 (1.4) ▲	89 (1.0) ▲
Hong Kong SAR	33 (2.5) ▲	91 (1.4) ▲
Latvia	32 (2.2) ▲	90 (1.1) ▲
Australia	31 (1.8) ▲	90 (1.0) ▲
Finland	31 (2.1) ▲	93 (1.0) ▲
Macao SAR	31 (1.8) ▲	89 (1.3) ▲
Netherlands	30 (1.8) ▲	92 (1.3) ▲
Spain	30 (1.5) ▲	89 (1.1) ▲
Sweden	30 (2.4) ▲	90 (1.3) ▲
Italy	29 (1.9)	87 (1.3) ▲
Bulgaria	29 (2.4)	80 (1.9)
Denmark	28 (2.2)	88 (1.4) ▲
Norway (5)	27 (2.0)	93 (1.2) ▲
Lithuania	27 (2.3)	88 (1.5) ▲
New Zealand	27 (1.6)	82 (1.5)
Belgium (Flemish)	26 (2.0)	90 (1.1) ▲
Hungary	26 (1.7)	85 (1.6) ▲
Slovak Republic	26 (1.7)	87 (1.8) ▲
International Avg.	25 (0.3)	81 (0.2)
Czech Republic	25 (1.5)	91 (1.3) ▲
United States	25 (2.0)	89 (1.3) ▲
Germany	23 (1.7)	86 (1.5) ▲
Chile	22 (1.9)	80 (1.6)
Slovenia	21 (1.7) ▼	89 (1.3) ▲
Austria	20 (1.8) ▼	87 (1.5) ▲
Georgia	17 (1.9) ▼	77 (2.0) ▼
Iran, Islamic Rep. of	16 (1.8) ▼	65 (2.2) ▼
Qatar	15 (1.0) ▼	58 (1.8) ▼
United Arab Emirates	15 (1.0) ▼	67 (1.0) ▼
France	15 (1.9) ▼	84 (1.4)
Trinidad and Tobago	13 (1.6) ▼	70 (2.2) ▼
Malta	13 (1.4) ▼	68 (2.0) ▼
Azerbaijan	12 (1.3) ▼	64 (2.0) ▼
Portugal	12 (1.3) ▼	81 (1.9)
Belgium (French)	12 (1.4) ▼	82 (1.8)
Oman	11 (0.9) ▼	48 (1.7) ▼
Bahrain	9 (1.1) ▼	58 (1.9) ▼
Morocco	6 (1.0) ▼	36 (2.3) ▼
Saudi Arabia	5 (1.1) ▼	55 (2.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	46 (1.9) ▲	92 (1.2) ▲
Quebec, Canada	36 (2.5) ▲	89 (1.9) ▲
Madrid, Spain	35 (2.1) ▲	93 (1.0) ▲
Ontario, Canada	34 (2.4) ▲	88 (1.8) ▲
Andalusia, Spain	33 (2.0) ▲	92 (1.1) ▲
Dubai, UAE	27 (1.5)	82 (1.0)
Buenos Aires, Argentina	23 (1.8)	77 (1.9) ▼
Norway (4)	15 (1.5) ▼	85 (1.4) ▲
Abu Dhabi, UAE	10 (1.5) ▼	56 (2.3) ▼
Eng/Afr/Zulu - RSA (5)	8 (1.2) ▼	58 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M10C (The Empty Pot): Why Jun's parents gave advice
Constructed Response (1 Point)

Country	Percent Correct	
Macao SAR	77 (1.6)	▲
Hong Kong SAR	76 (2.4)	▲
Chinese Taipei	75 (2.2)	▲
Singapore	73 (1.4)	▲
Kazakhstan	69 (1.7)	▲
Finland	66 (1.9)	▲
Italy	59 (1.9)	▲
Russian Federation	58 (2.0)	▲
Austria	53 (2.3)	▲
Germany	53 (2.0)	▲
Netherlands	51 (2.0)	▲
England	50 (1.5)	▲
Bulgaria	49 (2.2)	▲
Northern Ireland	49 (2.2)	▲
Spain	48 (1.6)	▲
Canada	46 (1.4)	▲
Sweden	46 (2.2)	
New Zealand	45 (1.7)	
International Avg.	44 (0.3)	
United States	43 (2.0)	
Australia	42 (2.0)	
Norway (5)	42 (2.2)	
Hungary	41 (2.3)	
Georgia	40 (2.4)	
Qatar	40 (1.8)	
Belgium (Flemish)	40 (1.8)	▼
Iran, Islamic Rep. of	39 (2.4)	
Ireland	39 (2.2)	▼
Slovak Republic	39 (2.2)	▼
Lithuania	38 (2.4)	▼
United Arab Emirates	37 (1.2)	▼
Israel	36 (1.9)	▼
Bahrain	36 (1.9)	▼
Czech Republic	35 (1.8)	▼
Denmark	35 (2.2)	▼
Trinidad and Tobago	35 (2.1)	▼
Azerbaijan	34 (2.0)	▼
France	34 (2.3)	▼
Slovenia	34 (2.1)	▼
Belgium (French)	33 (2.0)	▼
Latvia	32 (2.4)	▼
Saudi Arabia	32 (2.1)	▼
Chile	32 (1.8)	▼
Portugal	31 (1.7)	▼
Malta	27 (1.8)	▼
Oman	24 (1.3)	▼
Poland	21 (1.5)	▼
Morocco	10 (1.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	67 (1.9)	▲
Madrid, Spain	53 (2.2)	▲
Dubai, UAE	51 (1.6)	▲
Ontario, Canada	49 (2.2)	▲
Andalusia, Spain	47 (2.0)	
Quebec, Canada	45 (3.2)	
Buenos Aires, Argentina	43 (2.5)	
Norway (4)	31 (2.1)	▼
Abu Dhabi, UAE	27 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	19 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M11M (The Empty Pot): Word that describes Jun
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	95 (0.8)	▲
Latvia	93 (1.2)	▲
Finland	92 (0.9)	▲
Italy	92 (1.1)	▲
Spain	90 (1.0)	▲
Poland	90 (1.3)	▲
England	89 (1.1)	▲
Russian Federation	89 (1.3)	▲
Bulgaria	89 (1.5)	▲
Slovenia	87 (1.3)	▲
Ireland	86 (1.4)	▲
Israel	85 (1.3)	▲
Denmark	85 (1.5)	▲
France	85 (1.9)	▲
Hong Kong SAR	85 (2.0)	▲
Northern Ireland	85 (1.9)	▲
Portugal	85 (1.3)	▲
Norway (5)	84 (1.5)	▲
Macao SAR	83 (1.4)	▲
Hungary	82 (1.6)	
United States	82 (1.6)	
Kazakhstan	81 (1.7)	
Slovak Republic	81 (1.6)	
Chile	80 (2.0)	
Belgium (Flemish)	80 (1.5)	
Netherlands	80 (1.6)	
New Zealand	79 (1.7)	
Canada	79 (1.1)	
International Avg.	79 (0.2)	
Australia	79 (1.4)	
Czech Republic	78 (1.8)	
Chinese Taipei	78 (1.6)	
Sweden	77 (1.9)	
Germany	73 (2.0)	▼
Azerbaijan	73 (2.0)	▼
Lithuania	73 (1.9)	▼
Belgium (French)	72 (1.8)	▼
Austria	72 (1.8)	▼
Saudi Arabia	69 (1.9)	▼
Bahrain	68 (1.4)	▼
Trinidad and Tobago	68 (2.4)	▼
Qatar	65 (1.4)	▼
Georgia	65 (1.8)	▼
Oman	65 (1.2)	▼
Malta	64 (2.2)	▼
United Arab Emirates	63 (1.4)	▼
Morocco	62 (2.8)	▼
Iran, Islamic Rep. of	55 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.8)	▲
Madrid, Spain	93 (1.0)	▲
Andalusia, Spain	91 (1.4)	▲
Quebec, Canada	87 (1.6)	▲
Dubai, UAE	80 (1.0)	
Buenos Aires, Argentina	80 (2.0)	
Ontario, Canada	78 (2.1)	
Norway (4)	70 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	58 (2.0)	▼
Abu Dhabi, UAE	55 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M12M (The Empty Pot): Why Emperor scowled at Jun
Multiple Choice (Key is C)

Country	Percent Correct	
Poland	84 (1.5)	▲
Hong Kong SAR	83 (1.7)	▲
Hungary	77 (1.6)	▲
Norway (5)	76 (2.4)	▲
Russian Federation	76 (1.9)	▲
Singapore	75 (1.3)	▲
Macao SAR	75 (1.8)	▲
Finland	74 (1.4)	▲
Germany	74 (2.0)	▲
Chinese Taipei	73 (1.7)	▲
Denmark	73 (2.1)	▲
Sweden	72 (2.0)	▲
Austria	69 (2.2)	▲
England	69 (1.6)	▲
Ireland	68 (2.3)	▲
Latvia	68 (1.9)	▲
Northern Ireland	67 (2.0)	▲
Lithuania	65 (2.2)	▲
Bulgaria	65 (2.3)	▲
Italy	64 (2.1)	▲
Australia	64 (1.9)	▲
Czech Republic	63 (1.9)	▲
United States	63 (2.5)	
Spain	62 (1.8)	
Slovak Republic	60 (1.8)	
Netherlands	60 (1.9)	
International Avg.	59 (0.3)	
Slovenia	59 (1.7)	
Portugal	59 (2.1)	
Belgium (Flemish)	58 (1.9)	
Kazakhstan	57 (2.4)	
New Zealand	56 (1.8)	
France	56 (1.9)	
Canada	56 (1.4)	▼
Chile	54 (2.3)	▼
Georgia	54 (2.3)	▼
Israel	52 (2.1)	▼
Azerbaijan	52 (2.1)	▼
Belgium (French)	50 (2.4)	▼
Trinidad and Tobago	43 (2.6)	▼
United Arab Emirates	39 (1.5)	▼
Bahrain	39 (2.7)	▼
Qatar	39 (1.4)	▼
Oman	33 (1.5)	▼
Iran, Islamic Rep. of	33 (2.6)	▼
Malta	32 (1.9)	▼
Saudi Arabia	29 (2.1)	▼
Morocco	27 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	78 (1.6)	▲
Madrid, Spain	68 (2.1)	▲
Norway (4)	61 (2.1)	
Andalusia, Spain	59 (2.3)	
Quebec, Canada	56 (2.6)	
Dubai, UAE	55 (1.4)	▼
Ontario, Canada	55 (2.5)	
Buenos Aires, Argentina	41 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.0)	▼
Abu Dhabi, UAE	33 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M13M (The Empty Pot): Why Jun said "I'm sorry"
Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	98 (0.5)	▲
Hong Kong SAR	98 (0.6)	▲
Finland	95 (1.0)	▲
Russian Federation	95 (0.9)	▲
Sweden	95 (0.9)	▲
Norway (5)	94 (1.3)	▲
Northern Ireland	94 (1.2)	▲
Ireland	94 (1.2)	▲
Macao SAR	94 (0.8)	▲
Singapore	94 (0.8)	▲
England	93 (0.9)	▲
Lithuania	92 (1.4)	▲
Netherlands	92 (1.3)	▲
Denmark	92 (1.3)	▲
Poland	91 (1.1)	▲
Hungary	91 (1.3)	▲
Austria	91 (1.3)	▲
Italy	90 (1.3)	▲
Australia	90 (1.1)	▲
Spain	90 (1.0)	▲
Germany	90 (1.4)	▲
United States	89 (1.5)	▲
Belgium (Flemish)	88 (1.3)	▲
Bulgaria	88 (1.8)	▲
Czech Republic	88 (1.5)	▲
Canada	87 (1.0)	▲
France	87 (1.3)	▲
New Zealand	86 (1.5)	▲
Slovak Republic	86 (1.5)	▲
Latvia	85 (1.7)	
Slovenia	85 (1.3)	
Portugal	84 (1.7)	
Kazakhstan	83 (1.7)	
International Avg.	82 (0.2)	
Belgium (French)	81 (1.9)	
Israel	79 (1.5)	▼
Chile	76 (1.6)	▼
Georgia	75 (1.8)	▼
Trinidad and Tobago	73 (2.1)	▼
Azerbaijan	66 (2.2)	▼
Malta	65 (1.9)	▼
Iran, Islamic Rep. of	60 (2.4)	▼
Qatar	58 (1.5)	▼
United Arab Emirates	56 (1.5)	▼
Bahrain	56 (1.7)	▼
Saudi Arabia	48 (2.1)	▼
Oman	45 (1.7)	▼
Morocco	41 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.6)	▲
Madrid, Spain	95 (0.9)	▲
Quebec, Canada	92 (1.5)	▲
Andalusia, Spain	90 (1.4)	▲
Norway (4)	89 (1.5)	▲
Ontario, Canada	87 (1.7)	▲
Dubai, UAE	78 (1.3)	▼
Buenos Aires, Argentina	74 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	54 (2.5)	▼
Abu Dhabi, UAE	45 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M14M (The Empty Pot): Why plants grew in others' pots
Multiple Choice (Key is D)

Country	Percent Correct	
Hong Kong SAR	95 (0.9)	▲
Macao SAR	90 (1.1)	▲
Chinese Taipei	89 (1.3)	▲
Russian Federation	89 (1.0)	▲
Czech Republic	87 (1.5)	▲
Poland	86 (1.6)	▲
Sweden	86 (1.6)	▲
Latvia	86 (1.7)	▲
Norway (5)	85 (1.5)	▲
Singapore	85 (1.3)	▲
Lithuania	85 (1.6)	▲
Hungary	85 (1.4)	▲
Denmark	83 (1.6)	▲
Northern Ireland	82 (1.6)	▲
Netherlands	82 (1.6)	▲
England	81 (1.4)	▲
Ireland	80 (2.2)	▲
Slovak Republic	79 (1.8)	▲
Finland	79 (1.8)	▲
Germany	79 (1.7)	▲
Bulgaria	79 (2.2)	▲
Austria	78 (2.0)	▲
Slovenia	78 (1.6)	▲
Kazakhstan	77 (2.2)	▲
Italy	77 (2.1)	▲
United States	75 (1.6)	▲
Portugal	75 (1.8)	▲
Belgium (Flemish)	74 (2.0)	
Canada	73 (1.4)	
International Avg.	71 (0.3)	
Spain	70 (1.5)	
Israel	69 (2.0)	
Australia	69 (2.1)	
New Zealand	68 (1.7)	▼
Georgia	67 (2.2)	▼
Chile	66 (2.3)	▼
France	66 (2.2)	▼
Belgium (French)	65 (2.1)	▼
Azerbaijan	63 (2.1)	▼
Iran, Islamic Rep. of	55 (3.3)	▼
Trinidad and Tobago	53 (2.7)	▼
United Arab Emirates	46 (1.4)	▼
Qatar	44 (1.3)	▼
Bahrain	40 (1.8)	▼
Malta	37 (2.0)	▼
Saudi Arabia	37 (2.2)	▼
Oman	33 (1.7)	▼
Morocco	26 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Quebec, Canada	78 (1.9)	▲
Madrid, Spain	75 (1.8)	▲
Ontario, Canada	72 (2.6)	
Norway (4)	72 (1.9)	
Andalusia, Spain	70 (2.2)	
Dubai, UAE	63 (1.3)	▼
Buenos Aires, Argentina	57 (2.5)	▼
Abu Dhabi, UAE	40 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	38 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M15M (The Empty Pot): What Emperor values in a person
Multiple Choice (Key is B)

Country	Percent Correct	
Hong Kong SAR	94 (0.9)	▲
Macao SAR	89 (1.1)	▲
Chinese Taipei	89 (1.3)	▲
Singapore	85 (1.4)	▲
Sweden	81 (1.7)	▲
Russian Federation	80 (1.9)	▲
Netherlands	80 (1.5)	▲
Bulgaria	80 (2.1)	▲
Norway (5)	78 (1.7)	▲
Denmark	78 (1.7)	▲
Poland	77 (1.9)	▲
Hungary	77 (2.0)	▲
Slovenia	76 (1.8)	▲
Italy	75 (1.9)	▲
Kazakhstan	73 (2.1)	▲
Latvia	73 (2.0)	▲
Finland	72 (1.9)	▲
Lithuania	72 (2.4)	▲
Belgium (Flemish)	71 (1.7)	▲
Northern Ireland	71 (2.0)	▲
England	71 (1.8)	▲
Israel	69 (1.9)	▲
Ireland	67 (2.1)	
United States	67 (2.3)	
Spain	66 (1.8)	
International Avg.	64 (0.3)	
Austria	64 (2.2)	
Germany	64 (2.1)	
Czech Republic	64 (2.0)	
Canada	63 (1.0)	
Portugal	62 (2.2)	
Slovak Republic	62 (1.9)	
Chile	60 (2.1)	
New Zealand	58 (2.2)	▼
Australia	56 (1.9)	▼
France	54 (2.4)	▼
Georgia	52 (2.6)	▼
Azerbaijan	52 (2.6)	▼
Malta	50 (2.2)	▼
Belgium (French)	48 (2.2)	▼
Trinidad and Tobago	48 (2.6)	▼
United Arab Emirates	44 (1.3)	▼
Qatar	44 (1.8)	▼
Saudi Arabia	43 (2.5)	▼
Bahrain	34 (1.8)	▼
Oman	33 (1.9)	▼
Morocco	28 (2.1)	▼
Iran, Islamic Rep. of	27 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	88 (1.3)	▲
Quebec, Canada	74 (2.3)	▲
Madrid, Spain	74 (2.1)	▲
Andalusia, Spain	67 (2.4)	
Norway (4)	63 (2.1)	
Dubai, UAE	59 (1.6)	▼
Ontario, Canada	59 (2.2)	▼
Buenos Aires, Argentina	56 (2.2)	▼
Abu Dhabi, UAE	38 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M16C (The Empty Pot): Why Emperor smiled at Jun
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	86 (1.5)	▲
Norway (5)	77 (1.6)	▲
Macao SAR	72 (1.5)	▲
Singapore	72 (1.7)	▲
Hungary	71 (1.8)	▲
Sweden	70 (2.1)	▲
Kazakhstan	70 (1.8)	▲
Denmark	69 (2.2)	▲
Russian Federation	68 (1.6)	▲
Northern Ireland	68 (2.0)	▲
Chinese Taipei	67 (2.1)	▲
Latvia	66 (2.6)	▲
England	66 (1.8)	▲
Czech Republic	66 (2.0)	▲
Finland	65 (1.7)	▲
Germany	64 (2.0)	▲
Poland	64 (2.4)	▲
Bulgaria	62 (2.5)	▲
Ireland	60 (2.6)	▲
Netherlands	60 (2.4)	▲
Belgium (Flemish)	59 (2.1)	▲
Lithuania	58 (2.3)	▲
United States	58 (2.0)	▲
Israel	57 (2.2)	
Slovenia	57 (1.8)	
Spain	56 (1.5)	
Portugal	55 (1.9)	
Slovak Republic	55 (2.3)	
Austria	55 (2.3)	
International Avg.	54 (0.3)	
Canada	53 (1.5)	
New Zealand	52 (1.9)	
Chile	52 (2.4)	
France	51 (2.5)	
Belgium (French)	48 (2.2)	▼
Australia	47 (2.2)	▼
Italy	44 (2.0)	▼
Georgia	35 (2.0)	▼
Azerbaijan	33 (2.3)	▼
Trinidad and Tobago	32 (2.6)	▼
Qatar	31 (1.6)	▼
Malta	31 (1.6)	▼
Iran, Islamic Rep. of	30 (2.2)	▼
Saudi Arabia	29 (2.2)	▼
United Arab Emirates	28 (1.4)	▼
Bahrain	26 (1.4)	▼
Oman	19 (1.5)	▼
Morocco	13 (1.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	78 (1.7)	▲
Madrid, Spain	68 (2.0)	▲
Norway (4)	63 (2.3)	▲
Quebec, Canada	59 (3.3)	
Andalusia, Spain	57 (2.3)	
Ontario, Canada	49 (2.6)	▼
Dubai, UAE	44 (1.7)	▼
Buenos Aires, Argentina	42 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	24 (2.4)	▼
Abu Dhabi, UAE	23 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M17CA (The Empty Pot): Jun's feelings (hopeful)
Constructed Response (1 Point)

Country	Percent Correct	
Poland	79 (2.0)	▲
England	78 (1.4)	▲
Finland	77 (1.8)	▲
Russian Federation	74 (1.9)	▲
Singapore	74 (1.5)	▲
Northern Ireland	74 (1.8)	▲
Latvia	74 (2.0)	▲
Norway (5)	72 (2.0)	▲
Lithuania	71 (2.2)	▲
Slovenia	71 (1.6)	▲
Ireland	70 (2.0)	▲
United States	69 (2.1)	▲
Czech Republic	68 (2.0)	▲
Hong Kong SAR	68 (2.4)	▲
Australia	68 (2.0)	▲
Kazakhstan	68 (2.3)	▲
Hungary	64 (2.6)	▲
Canada	64 (1.4)	▲
Denmark	63 (2.4)	▲
Slovak Republic	63 (2.3)	▲
New Zealand	63 (1.7)	▲
Netherlands	62 (1.9)	▲
Sweden	62 (2.0)	▲
Italy	62 (2.2)	▲
Macao SAR	59 (1.9)	▲
Israel	56 (2.1)	
Portugal	56 (2.2)	
International Avg.	54 (0.3)	
Germany	53 (2.3)	
Spain	52 (2.0)	
Belgium (Flemish)	52 (1.8)	
Austria	52 (2.2)	
Georgia	45 (2.4)	▼
France	45 (2.2)	▼
Azerbaijan	45 (1.9)	▼
Chinese Taipei	43 (2.2)	▼
Bulgaria	41 (2.1)	▼
Chile	40 (2.0)	▼
Iran, Islamic Rep. of	39 (2.5)	▼
Trinidad and Tobago	39 (2.3)	▼
Belgium (French)	39 (2.2)	▼
United Arab Emirates	33 (1.2)	▼
Qatar	28 (1.0)	▼
Bahrain	26 (1.3)	▼
Saudi Arabia	19 (1.8)	▼
Oman	16 (1.1)	▼
Malta	16 (1.5)	▼
Morocco	5 (0.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	83 (1.8)	▲
Ontario, Canada	64 (2.5)	▲
Quebec, Canada	61 (2.6)	▲
Madrid, Spain	60 (2.5)	▲
Norway (4)	59 (1.9)	▲
Dubai, UAE	55 (1.3)	
Andalusia, Spain	45 (2.5)	▼
Buenos Aires, Argentina	39 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	26 (2.2)	▼
Abu Dhabi, UAE	26 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M17CB (The Empty Pot): Jun's feelings (puzzled)
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	79 (1.7)	▲
England	78 (1.5)	▲
Northern Ireland	77 (1.8)	▲
Ireland	76 (1.9)	▲
Finland	74 (2.0)	▲
Hong Kong SAR	72 (2.4)	▲
Denmark	69 (2.2)	▲
Netherlands	68 (2.1)	▲
Macao SAR	67 (1.8)	▲
Kazakhstan	67 (2.1)	▲
Chinese Taipei	67 (1.9)	▲
Latvia	65 (2.2)	▲
Austria	65 (2.4)	▲
Russian Federation	64 (2.0)	▲
Poland	64 (2.1)	▲
Spain	63 (1.6)	▲
Singapore	63 (1.5)	▲
United States	63 (2.5)	▲
Canada	62 (1.6)	▲
Bulgaria	62 (2.8)	▲
Czech Republic	62 (2.1)	▲
Germany	61 (2.1)	▲
Australia	61 (1.9)	▲
Slovenia	61 (2.2)	▲
New Zealand	60 (2.0)	▲
Belgium (Flemish)	59 (2.3)	▲
Lithuania	57 (2.2)	
Hungary	55 (2.1)	
Chile	54 (2.4)	
International Avg.	54 (0.3)	
Slovak Republic	52 (2.4)	
Azerbaijan	50 (1.9)	
Georgia	45 (2.4)	▼
Italy	45 (2.2)	▼
Sweden	43 (2.2)	▼
Israel	41 (2.1)	▼
Portugal	39 (2.1)	▼
Iran, Islamic Rep. of	38 (2.1)	▼
Trinidad and Tobago	33 (2.5)	▼
United Arab Emirates	32 (1.2)	▼
Saudi Arabia	31 (2.1)	▼
France	30 (2.0)	▼
Bahrain	29 (1.7)	▼
Qatar	28 (1.7)	▼
Malta	28 (2.1)	▼
Oman	22 (1.6)	▼
Belgium (French)	21 (1.9)	▼
Morocco	10 (1.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	79 (1.4)	▲
Madrid, Spain	77 (1.9)	▲
Andalusia, Spain	65 (2.1)	▲
Ontario, Canada	64 (2.9)	▲
Norway (4)	63 (1.9)	▲
Quebec, Canada	54 (3.3)	
Dubai, UAE	50 (1.7)	▼
Buenos Aires, Argentina	37 (2.6)	▼
Abu Dhabi, UAE	21 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	19 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M17CC (The Empty Pot): Jun's feelings (defeated)
Constructed Response (1 Point)

Country	Percent Correct	
Lithuania	76 (2.0)	▲
Finland	73 (1.8)	▲
Czech Republic	71 (1.7)	▲
Russian Federation	71 (1.8)	▲
Hong Kong SAR	70 (2.1)	▲
Northern Ireland	70 (1.8)	▲
Italy	69 (2.1)	▲
Singapore	68 (1.6)	▲
Ireland	68 (2.5)	▲
Poland	68 (2.1)	▲
Latvia	66 (2.3)	▲
Hungary	66 (2.4)	▲
Slovak Republic	66 (2.0)	▲
England	65 (1.9)	▲
Denmark	65 (2.2)	▲
Australia	65 (2.1)	▲
Bulgaria	64 (2.5)	▲
Israel	63 (1.8)	▲
United States	63 (2.3)	▲
Portugal	62 (1.8)	▲
Sweden	62 (1.7)	▲
New Zealand	61 (1.8)	▲
Canada	61 (1.5)	▲
Kazakhstan	60 (2.2)	▲
Netherlands	60 (1.9)	▲
Macao SAR	60 (2.0)	▲
Spain	59 (1.8)	▲
Chinese Taipei	58 (2.2)	
Germany	57 (1.8)	
Austria	56 (1.8)	
Slovenia	56 (1.9)	
International Avg.	54 (0.3)	
Belgium (Flemish)	54 (2.0)	
Chile	53 (2.0)	
Norway (5)	50 (2.2)	▼
Azerbaijan	43 (2.2)	▼
France	40 (2.1)	▼
Iran, Islamic Rep. of	34 (2.3)	▼
Belgium (French)	34 (2.2)	▼
Trinidad and Tobago	33 (2.5)	▼
United Arab Emirates	33 (1.1)	▼
Bahrain	32 (1.6)	▼
Georgia	32 (2.4)	▼
Saudi Arabia	28 (2.3)	▼
Malta	28 (1.9)	▼
Qatar	27 (1.1)	▼
Oman	21 (1.5)	▼
Morocco	10 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.5)	▲
Madrid, Spain	67 (2.0)	▲
Ontario, Canada	62 (2.7)	▲
Andalusia, Spain	59 (2.1)	▲
Quebec, Canada	54 (2.5)	
Dubai, UAE	50 (1.3)	▼
Buenos Aires, Argentina	47 (2.2)	▼
Norway (4)	42 (1.9)	▼
Abu Dhabi, UAE	26 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	16 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31M17CZ (The Empty Pot): Jun's feelings (DERIVED)
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Northern Ireland	56 (2.1) ▲	77 (1.8) ▲	86 (1.6) ▲
England	53 (2.0) ▲	78 (1.6) ▲	90 (1.0) ▲
Finland	53 (2.0) ▲	79 (1.8) ▲	92 (1.0) ▲
Ireland	50 (2.4) ▲	75 (2.1) ▲	88 (1.2) ▲
Hong Kong SAR	47 (2.4) ▲	75 (2.2) ▲	88 (1.6) ▲
Russian Federation	46 (2.0) ▲	76 (1.7) ▲	88 (1.4) ▲
United States	45 (2.1) ▲	69 (2.2) ▲	80 (1.9) ▲
Singapore	45 (1.6) ▲	73 (1.6) ▲	88 (1.1) ▲
Kazakhstan	44 (2.1) ▲	67 (2.2) ▲	83 (1.9) ▲
Slovenia	44 (2.1) ▲	67 (1.8) ▲	77 (1.6) ▲
Denmark	44 (2.6) ▲	69 (2.5) ▲	84 (1.5) ▲
Czech Republic	44 (1.9) ▲	72 (1.9) ▲	85 (1.5) ▲
Lithuania	43 (2.6) ▲	74 (1.9) ▲	87 (1.7) ▲
Australia	43 (2.2) ▲	67 (2.0) ▲	84 (1.4) ▲
Canada	42 (1.4) ▲	66 (1.4) ▲	79 (1.4) ▲
Poland	42 (1.8) ▲	78 (1.8) ▲	91 (1.2) ▲
Norway (5)	40 (2.2) ▲	73 (2.0) ▲	87 (1.6) ▲
Netherlands	40 (2.0) ▲	68 (1.7) ▲	81 (1.6) ▲
New Zealand	40 (1.9) ▲	63 (2.1) ▲	80 (1.5) ▲
Latvia	37 (2.1) ▲	76 (1.7) ▲	92 (1.5) ▲
Macao SAR	37 (2.0) ▲	66 (1.8) ▲	83 (1.4) ▲
Hungary	37 (2.3) ▲	66 (2.7) ▲	83 (2.0) ▲
Slovak Republic	35 (1.9) ▲	65 (2.3) ▲	82 (2.0) ▲
Austria	34 (2.1) ▲	59 (2.0) ▲	79 (1.8) ▲
Spain	34 (1.6) ▲	61 (2.0) ▲	80 (1.5) ▲
Germany	33 (1.9) ▲	61 (2.1) ▲	77 (1.8) ▲
International Avg.	32 (0.3)	57 (0.3)	73 (0.3)
Chile	30 (2.0) ▼	50 (2.1) ▼	65 (2.1) ▼
Bulgaria	30 (2.2) ▼	59 (2.5) ▼	78 (2.4) ▼
Belgium (Flemish)	30 (1.6) ▼	57 (2.3) ▼	78 (1.9) ▼
Israel	30 (2.0) ▼	57 (2.1) ▼	73 (1.8) ▼
Italy	29 (1.9) ▼	63 (2.4) ▼	84 (1.7) ▼
Sweden	28 (1.9) ▼	60 (2.0) ▼	79 (1.7) ▼
Azerbaijan	26 (1.7) ▼	48 (2.2) ▼	62 (2.0) ▼
Chinese Taipei	24 (1.8) ▼	60 (2.1) ▼	83 (1.7) ▼
Portugal	23 (2.0) ▼	57 (1.9) ▼	77 (2.0) ▼
Georgia	21 (2.2) ▼	41 (2.4) ▼	58 (2.1) ▼
Trinidad and Tobago	18 (2.0) ▼	35 (2.6) ▼	52 (2.4) ▼
Iran, Islamic Rep. of	18 (1.6) ▼	38 (1.9) ▼	55 (2.3) ▼
France	16 (1.6) ▼	38 (2.0) ▼	61 (1.9) ▼
United Arab Emirates	15 (0.7) ▼	32 (1.2) ▼	51 (1.4) ▼
Bahrain	12 (1.3) ▼	28 (1.6) ▼	48 (1.9) ▼
Qatar	11 (0.7) ▼	27 (1.0) ▼	45 (1.5) ▼
Saudi Arabia	11 (1.6) ▼	24 (2.2) ▼	43 (2.2) ▼
Belgium (French)	10 (1.3) ▼	31 (2.4) ▼	53 (2.4) ▼
Malta	10 (1.1) ▼	23 (1.9) ▼	39 (2.2) ▼
Oman	7 (0.8) ▼	17 (1.4) ▼	35 (1.6) ▼
Morocco	2 (0.7) ▼	8 (1.0) ▼	15 (1.7) ▼

Benchmarking Participants

Moscow City, Russian Fed.	64 (2.0) ▲	86 (1.5) ▲	94 (1.1) ▲
Ontario, Canada	45 (2.6) ▲	66 (2.7) ▲	79 (2.6) ▲
Madrid, Spain	43 (2.5) ▲	73 (2.0) ▲	87 (1.5) ▲
Andalusia, Spain	33 (2.0) ▼	59 (2.3) ▼	78 (1.8) ▼
Quebec, Canada	31 (2.7) ▼	60 (2.7) ▼	77 (2.6) ▼
Norway (4)	30 (1.7) ▼	58 (1.9) ▼	75 (1.7) ▼
Dubai, UAE	29 (1.3) ▼	53 (1.6) ▼	73 (1.3) ▼
Buenos Aires, Argentina	22 (2.1) ▼	41 (2.3) ▼	58 (2.1) ▼
Abu Dhabi, UAE	10 (1.3) ▼	23 (1.8) ▼	40 (2.4) ▼
Eng/Afr/Zulu - RSA (5)	6 (1.1) ▼	18 (1.9) ▼	37 (2.2) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41H01M (Macy and the Red Hen): What is Macy doing at the start of the story
Multiple Choice (Key is B)

Country	Percent Correct	
Norway (5)	96 (0.9)	▲
Hong Kong SAR	95 (1.3)	▲
Hungary	94 (0.9)	▲
Italy	94 (1.0)	▲
Russian Federation	94 (0.9)	▲
Finland	94 (1.1)	▲
Kazakhstan	94 (1.0)	▲
Israel	94 (1.0)	▲
Macao SAR	94 (1.1)	▲
Chinese Taipei	94 (1.1)	▲
Spain	94 (0.8)	▲
Netherlands	94 (0.8)	▲
Sweden	93 (1.0)	▲
Portugal	93 (1.2)	▲
Latvia	92 (1.3)	▲
Lithuania	92 (1.4)	▲
Bulgaria	92 (1.3)	▲
Austria	91 (1.2)	▲
Georgia	91 (1.5)	▲
Denmark	91 (1.2)	▲
Germany	91 (1.4)	
Ireland	90 (1.4)	
Chile	90 (1.4)	
United States	90 (1.4)	
France	90 (1.2)	
Singapore	89 (1.0)	
Northern Ireland	89 (1.4)	
England	89 (1.1)	
International Avg.	88 (0.2)	
Canada	88 (1.1)	
New Zealand	88 (1.3)	
Australia	88 (1.3)	
Czech Republic	88 (1.2)	
Slovak Republic	88 (1.5)	
Poland	87 (1.5)	
Trinidad and Tobago	87 (1.5)	
Belgium (Flemish)	84 (1.3)	▼
Azerbaijan	84 (1.5)	▼
Belgium (French)	83 (1.9)	▼
Slovenia	82 (2.3)	▼
Malta	82 (1.7)	▼
Oman	81 (1.4)	▼
Bahrain	79 (1.7)	▼
Saudi Arabia	78 (1.7)	▼
Qatar	76 (1.4)	▼
United Arab Emirates	73 (1.0)	▼
Morocco	72 (2.4)	▼
Iran, Islamic Rep. of	67 (2.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.7)	▲
Madrid, Spain	94 (1.2)	▲
Norway (4)	94 (0.9)	▲
Quebec, Canada	93 (1.4)	▲
Andalusia, Spain	91 (1.3)	▲
Buenos Aires, Argentina	89 (1.3)	
Ontario, Canada	86 (2.1)	
Dubai, UAE	80 (1.1)	▼
Eng/Afr/Zulu - RSA (5)	75 (2.4)	▼
Abu Dhabi, UAE	68 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H02M (Macy and the Red Hen): How does the author show you what red hen is like
Multiple Choice (Key is D)

Country	Percent Correct	
Russian Federation	96 (0.8)	▲
Hungary	94 (1.0)	▲
Ireland	90 (1.3)	▲
Norway (5)	89 (1.4)	▲
Latvia	89 (1.2)	▲
Poland	89 (1.5)	▲
Finland	88 (1.7)	▲
Chinese Taipei	88 (1.2)	▲
Lithuania	88 (1.3)	▲
Hong Kong SAR	87 (1.8)	▲
Sweden	87 (1.6)	▲
Italy	87 (1.4)	▲
Denmark	87 (1.6)	▲
Macao SAR	87 (1.6)	▲
Austria	86 (1.5)	▲
United States	86 (1.6)	▲
England	86 (1.2)	▲
Slovak Republic	86 (1.7)	▲
Israel	85 (1.4)	▲
Singapore	85 (1.1)	▲
Bulgaria	85 (1.8)	▲
Australia	84 (1.7)	▲
Northern Ireland	84 (1.4)	▲
Netherlands	84 (1.7)	▲
Canada	84 (1.1)	▲
Germany	84 (1.6)	▲
New Zealand	83 (1.5)	▲
France	82 (1.7)	
Czech Republic	82 (1.7)	
Spain	82 (1.2)	▲
Georgia	82 (1.9)	
Slovenia	80 (2.0)	
Kazakhstan	80 (1.6)	
International Avg.	79 (0.2)	
Portugal	75 (1.7)	▼
Belgium (French)	72 (2.0)	▼
Azerbaijan	72 (2.2)	▼
Belgium (Flemish)	70 (2.0)	▼
Chile	69 (1.6)	▼
Trinidad and Tobago	66 (2.1)	▼
Malta	63 (2.4)	▼
Saudi Arabia	63 (2.1)	▼
Bahrain	62 (1.7)	▼
Qatar	62 (1.5)	▼
United Arab Emirates	61 (1.3)	▼
Iran, Islamic Rep. of	59 (3.0)	▼
Oman	54 (1.6)	▼
Morocco	34 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.7)	▲
Madrid, Spain	85 (1.5)	▲
Quebec, Canada	84 (2.5)	
Ontario, Canada	83 (2.3)	
Andalusia, Spain	81 (1.9)	
Norway (4)	77 (2.1)	
Dubai, UAE	76 (1.6)	
Abu Dhabi, UAE	54 (2.2)	▼
Buenos Aires, Argentina	52 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	51 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H03C (Macy and the Red Hen): Why does Macy's mother feel sorry for the hen
Constructed Response (1 Point)

Country	Percent Correct	
Finland	73 (1.5)	▲
Norway (5)	67 (2.2)	▲
Northern Ireland	66 (1.6)	▲
Denmark	65 (2.1)	▲
Ireland	65 (2.1)	▲
Sweden	63 (2.1)	▲
England	63 (1.7)	▲
Slovak Republic	63 (1.8)	▲
Hungary	63 (2.6)	▲
Hong Kong SAR	62 (2.1)	▲
Australia	59 (2.0)	▲
Canada	58 (1.8)	▲
United States	58 (2.3)	▲
New Zealand	58 (1.9)	▲
Poland	57 (2.1)	▲
Germany	57 (2.0)	▲
Spain	56 (1.8)	▲
Czech Republic	55 (2.0)	▲
Bulgaria	55 (2.9)	▲
Chinese Taipei	53 (1.9)	▲
Italy	52 (2.0)	▲
Netherlands	52 (2.2)	▲
Austria	50 (2.3)	▲
Singapore	48 (1.6)	
Latvia	48 (2.5)	
Belgium (Flemish)	47 (2.0)	
Lithuania	45 (2.4)	
International Avg.	45 (0.3)	
Kazakhstan	45 (1.9)	
Slovenia	45 (2.4)	
Russian Federation	43 (2.0)	
Macao SAR	43 (2.2)	
Israel	41 (2.0)	▼
Georgia	38 (2.4)	▼
Iran, Islamic Rep. of	35 (2.5)	▼
Portugal	33 (2.0)	▼
Belgium (French)	32 (2.1)	▼
France	32 (2.3)	▼
Azerbaijan	29 (1.9)	▼
Trinidad and Tobago	27 (2.0)	▼
Chile	24 (1.8)	▼
Qatar	22 (1.6)	▼
United Arab Emirates	21 (0.9)	▼
Malta	19 (1.5)	▼
Bahrain	16 (1.2)	▼
Oman	14 (1.1)	▼
Saudi Arabia	9 (1.1)	▼
Morocco	2 (0.6)	▼
Benchmarking Participants		
Madrid, Spain	64 (1.9)	▲
Ontario, Canada	61 (3.1)	▲
Moscow City, Russian Fed.	60 (2.1)	▲
Andalusia, Spain	59 (2.6)	▲
Norway (4)	53 (2.3)	▲
Quebec, Canada	48 (3.1)	
Dubai, UAE	36 (1.5)	▼
Buenos Aires, Argentina	30 (2.1)	▼
Abu Dhabi, UAE	15 (1.7)	▼
Eng/Afr/Zulu - RSA (5)	14 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H04C (Macy and the Red Hen): Why does the red hen play tricks on Macy
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	50 (1.9)	▲
Slovenia	39 (1.8)	▲
Hungary	32 (1.9)	▲
Lithuania	30 (2.2)	▲
Norway (5)	30 (1.8)	▲
Israel	28 (1.6)	▲
Finland	28 (1.8)	▲
Bulgaria	27 (1.8)	▲
Sweden	27 (1.8)	▲
Latvia	26 (2.1)	▲
Australia	25 (1.6)	▲
Poland	22 (2.0)	▲
England	22 (1.6)	▲
Slovak Republic	22 (1.9)	▲
Canada	21 (1.3)	▲
Czech Republic	21 (1.7)	▲
Belgium (Flemish)	21 (1.7)	
Northern Ireland	20 (2.1)	
Ireland	19 (2.0)	
Spain	19 (1.0)	
New Zealand	19 (1.6)	
United States	19 (1.6)	
Denmark	19 (1.9)	
International Avg.	18 (0.2)	
Italy	17 (1.6)	
Kazakhstan	17 (1.5)	
Chinese Taipei	16 (1.3)	
Belgium (French)	15 (1.8)	
Singapore	14 (1.0)	▼
Hong Kong SAR	14 (1.7)	▼
France	13 (1.6)	▼
Austria	13 (1.8)	▼
Macao SAR	12 (1.3)	▼
Germany	12 (1.4)	▼
Portugal	11 (1.4)	▼
Netherlands	11 (1.4)	▼
Oman	10 (1.1)	▼
Trinidad and Tobago	10 (1.2)	▼
Iran, Islamic Rep. of	9 (1.3)	▼
Georgia	9 (1.4)	▼
Malta	8 (1.1)	▼
Saudi Arabia	7 (1.2)	▼
Qatar	6 (0.7)	▼
United Arab Emirates	6 (0.6)	▼
Chile	6 (0.9)	▼
Bahrain	6 (1.0)	▼
Azerbaijan	4 (0.6)	▼
Morocco	2 (0.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	64 (1.8)	▲
Quebec, Canada	27 (2.7)	▲
Madrid, Spain	25 (1.8)	▲
Norway (4)	25 (2.0)	▲
Ontario, Canada	21 (2.4)	
Andalusia, Spain	19 (1.6)	
Buenos Aires, Argentina	19 (1.7)	
Dubai, UAE	10 (0.9)	▼
Eng/Afr/Zulu - RSA (5)	8 (1.3)	▼
Abu Dhabi, UAE	6 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H05M (Macy and the Red Hen): Why does Macy slam the cage door
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	84 (1.1)	▲
United States	84 (1.3)	▲
Finland	83 (1.5)	▲
Northern Ireland	79 (2.0)	▲
Ireland	79 (1.6)	▲
England	78 (1.6)	▲
Sweden	78 (1.6)	▲
Netherlands	77 (2.1)	▲
Canada	76 (1.3)	▲
Lithuania	74 (2.0)	▲
Slovak Republic	74 (1.8)	▲
Norway (5)	74 (2.2)	▲
Hong Kong SAR	73 (2.2)	▲
Chinese Taipei	73 (1.7)	▲
Australia	73 (2.0)	▲
Macao SAR	72 (1.6)	▲
Denmark	71 (1.9)	▲
Russian Federation	70 (1.9)	▲
Hungary	70 (2.4)	▲
Belgium (French)	70 (2.1)	▲
New Zealand	70 (1.8)	▲
Germany	69 (1.7)	▲
Czech Republic	69 (1.6)	▲
Austria	69 (2.1)	▲
Italy	68 (2.0)	▲
Chile	68 (1.8)	▲
Israel	68 (1.7)	▲
France	66 (2.5)	
Latvia	65 (2.1)	
International Avg.	63 (0.3)	
Trinidad and Tobago	62 (2.3)	
Spain	62 (1.5)	
Kazakhstan	62 (2.3)	
Bulgaria	61 (2.3)	
Belgium (Flemish)	60 (1.8)	
Slovenia	59 (2.1)	
Georgia	54 (2.1)	▼
Malta	46 (2.0)	▼
Portugal	45 (2.1)	▼
United Arab Emirates	42 (1.4)	▼
Oman	40 (1.7)	▼
Qatar	39 (1.7)	▼
Azerbaijan	39 (2.4)	▼
Poland	37 (2.2)	▼
Bahrain	34 (1.7)	▼
Morocco	31 (2.3)	▼
Iran, Islamic Rep. of	31 (2.1)	▼
Saudi Arabia	31 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	81 (1.6)	▲
Quebec, Canada	81 (1.5)	▲
Ontario, Canada	75 (2.3)	▲
Madrid, Spain	74 (2.2)	▲
Norway (4)	70 (2.4)	▲
Andalusia, Spain	62 (2.1)	
Dubai, UAE	59 (1.2)	▼
Buenos Aires, Argentina	50 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.2)	▼
Abu Dhabi, UAE	39 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H06C (Macy and the Red Hen): Two things Macy does that do not work
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	76 (1.9) ▲	87 (1.5) ▲
Singapore	74 (1.6) ▲	85 (1.3) ▲
Hong Kong SAR	74 (2.0) ▲	90 (1.7) ▲
Russian Federation	67 (2.1) ▲	87 (1.4) ▲
Northern Ireland	65 (2.3) ▲	80 (1.8) ▲
Hungary	63 (2.2) ▲	82 (1.8) ▲
Netherlands	63 (2.4) ▲	85 (1.7) ▲
Ireland	63 (2.1) ▲	80 (1.7) ▲
Norway (5)	62 (2.4) ▲	87 (1.7) ▲
England	62 (1.9) ▲	83 (1.4) ▲
Italy	61 (2.3) ▲	80 (2.0) ▲
Bulgaria	60 (2.5) ▲	82 (2.0) ▲
Denmark	58 (2.1) ▲	85 (1.3) ▲
Portugal	58 (1.9) ▲	79 (1.9) ▲
Macao SAR	57 (2.1) ▲	84 (1.8) ▲
Canada	57 (1.2) ▲	80 (1.2) ▲
Sweden	57 (2.3) ▲	82 (1.5) ▲
Lithuania	56 (2.5) ▲	72 (2.3)
United States	55 (2.3) ▲	79 (1.8) ▲
Slovak Republic	55 (2.1) ▲	80 (1.8) ▲
Austria	54 (2.3) ▲	82 (1.7) ▲
Germany	53 (2.2) ▲	81 (1.8) ▲
Czech Republic	53 (2.2) ▲	78 (1.3) ▲
Belgium (Flemish)	52 (1.8) ▲	83 (1.6) ▲
New Zealand	52 (1.9)	70 (1.7)
Slovenia	52 (2.3)	81 (1.5) ▲
Israel	49 (2.3)	75 (1.8)
International Avg.	49 (0.3)	72 (0.3)
France	48 (2.3)	73 (1.6)
Finland	48 (2.1)	79 (1.8) ▲
Australia	47 (2.1)	74 (1.7)
Latvia	47 (2.4)	77 (1.8) ▲
Spain	47 (1.8)	74 (2.0)
Trinidad and Tobago	46 (1.9)	65 (2.3) ▼
Poland	42 (2.2) ▼	83 (1.8) ▲
Belgium (French)	40 (2.0) ▼	70 (1.8)
Kazakhstan	38 (2.1) ▼	62 (2.0) ▼
Chile	37 (2.4) ▼	61 (2.2) ▼
Malta	32 (2.4) ▼	52 (2.4) ▼
Bahrain	28 (2.1) ▼	47 (2.1) ▼
United Arab Emirates	28 (1.1) ▼	44 (1.3) ▼
Saudi Arabia	28 (2.2) ▼	51 (2.0) ▼
Oman	27 (1.5) ▼	47 (1.6) ▼
Georgia	26 (2.0) ▼	55 (2.4) ▼
Iran, Islamic Rep. of	25 (2.4) ▼	55 (2.7) ▼
Qatar	25 (1.2) ▼	42 (1.3) ▼
Azerbaijan	17 (1.5) ▼	41 (2.0) ▼
Morocco	1 (0.4) ▼	28 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.5) ▲	94 (0.9) ▲
Ontario, Canada	57 (2.4) ▲	78 (2.3) ▲
Quebec, Canada	56 (2.7) ▲	84 (2.3) ▲
Norway (4)	53 (2.1) ▲	80 (2.0) ▲
Madrid, Spain	53 (2.1)	78 (1.8) ▲
Andalusia, Spain	45 (1.9)	71 (2.2)
Buenos Aires, Argentina	42 (1.8) ▼	65 (1.8) ▼
Dubai, UAE	42 (1.4) ▼	61 (1.7) ▼
Eng/Afr/Zulu - RSA (5)	20 (2.1) ▼	34 (2.4) ▼
Abu Dhabi, UAE	20 (1.9) ▼	34 (2.5) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41H07M (Macy and the Red Hen): Why does Dad object to Macy's idea
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	66 (2.3)	▲
Finland	61 (2.4)	▲
Poland	61 (2.1)	▲
Northern Ireland	60 (2.3)	▲
Russian Federation	58 (2.1)	▲
Ireland	56 (1.7)	▲
United States	56 (2.4)	▲
Belgium (Flemish)	55 (2.0)	▲
Australia	55 (1.5)	▲
Hong Kong SAR	52 (2.4)	▲
Sweden	51 (2.4)	▲
Lithuania	51 (2.4)	▲
Denmark	51 (2.4)	▲
Latvia	50 (2.1)	▲
Singapore	49 (1.7)	▲
Czech Republic	48 (1.8)	▲
New Zealand	48 (2.3)	▲
England	47 (1.9)	▲
Netherlands	47 (2.2)	▲
Canada	47 (1.4)	▲
Germany	46 (2.3)	▲
Slovak Republic	43 (1.6)	
Chile	43 (1.9)	
Austria	42 (2.2)	
Macao SAR	41 (1.8)	
International Avg.	41 (0.3)	
Bulgaria	40 (2.2)	
Chinese Taipei	36 (2.0)	▼
Hungary	35 (2.0)	▼
Israel	35 (2.1)	▼
France	35 (2.1)	▼
Italy	34 (1.9)	▼
Trinidad and Tobago	32 (2.1)	▼
Kazakhstan	31 (2.1)	▼
Iran, Islamic Rep. of	29 (2.1)	▼
Azerbaijan	29 (1.8)	▼
Qatar	28 (1.5)	▼
Belgium (French)	27 (1.7)	▼
United Arab Emirates	27 (1.2)	▼
Georgia	26 (1.5)	▼
Spain	25 (1.5)	▼
Malta	25 (1.9)	▼
Bahrain	23 (1.5)	▼
Morocco	23 (2.4)	▼
Slovenia	22 (2.0)	▼
Portugal	21 (2.0)	▼
Saudi Arabia	21 (1.9)	▼
Oman	20 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	64 (2.0)	▲
Norway (4)	52 (2.1)	▲
Ontario, Canada	46 (2.4)	▲
Dubai, UAE	37 (2.0)	
Quebec, Canada	35 (2.4)	▼
Madrid, Spain	31 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	28 (1.8)	▼
Andalusia, Spain	26 (1.7)	▼
Abu Dhabi, UAE	26 (2.3)	▼
Buenos Aires, Argentina	22 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H08C (Macy and the Red Hen): Dad says the next hen in the pecking order
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	44 (2.2)	▲
Kazakhstan	35 (2.1)	▲
Sweden	33 (2.0)	▲
Poland	32 (2.1)	▲
Denmark	31 (2.2)	▲
Northern Ireland	30 (1.5)	▲
Ireland	28 (1.7)	▲
England	28 (1.6)	▲
Russian Federation	28 (1.9)	▲
United States	26 (2.0)	▲
Singapore	26 (1.8)	▲
Australia	26 (1.5)	▲
Bulgaria	26 (2.0)	▲
Austria	25 (1.7)	▲
Finland	24 (1.7)	▲
Canada	24 (1.3)	▲
Qatar	24 (1.3)	▲
Czech Republic	23 (1.8)	
Germany	22 (1.6)	
Slovak Republic	22 (1.6)	
New Zealand	22 (1.5)	
Portugal	22 (1.8)	
Latvia	21 (1.8)	
Belgium (Flemish)	21 (1.4)	
Hungary	20 (1.6)	
International Avg.	20 (0.2)	
Lithuania	19 (1.8)	
Spain	18 (1.2)	
France	17 (1.9)	
Netherlands	17 (1.6)	▼
Belgium (French)	16 (2.0)	
Italy	15 (1.3)	▼
Hong Kong SAR	14 (1.7)	▼
Israel	13 (1.5)	▼
Oman	13 (1.1)	▼
United Arab Emirates	13 (0.8)	▼
Slovenia	13 (1.3)	▼
Saudi Arabia	12 (1.2)	▼
Morocco	12 (1.4)	▼
Trinidad and Tobago	12 (1.7)	▼
Azerbaijan	12 (1.2)	▼
Chinese Taipei	11 (1.4)	▼
Iran, Islamic Rep. of	10 (1.4)	▼
Georgia	9 (1.7)	▼
Bahrain	8 (0.8)	▼
Macao SAR	8 (1.1)	▼
Malta	6 (1.1)	▼
Chile	6 (1.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	38 (1.9)	▲
Quebec, Canada	29 (2.7)	▲
Norway (4)	28 (2.0)	▲
Ontario, Canada	23 (2.4)	
Madrid, Spain	21 (1.5)	
Dubai, UAE	20 (1.4)	
Andalusia, Spain	18 (1.6)	
Buenos Aires, Argentina	11 (1.3)	▼
Eng/Afr/Zulu - RSA (5)	10 (1.3)	▼
Abu Dhabi, UAE	9 (1.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H09M (Macy and the Red Hen): Why does Mum say "I would like your job"
Multiple Choice (Key is D)

Country	Percent Correct	
Russian Federation	85 (1.5)	▲
Hungary	72 (2.1)	▲
Spain	72 (1.6)	▲
Chinese Taipei	70 (1.8)	▲
Lithuania	68 (2.1)	▲
Poland	67 (2.1)	▲
Bulgaria	67 (2.4)	▲
Hong Kong SAR	66 (2.5)	▲
Italy	65 (2.1)	▲
Slovak Republic	65 (2.0)	▲
Macao SAR	63 (1.7)	▲
Latvia	63 (2.3)	▲
Norway (5)	63 (2.2)	▲
Azerbaijan	63 (2.2)	▲
France	62 (2.3)	▲
Portugal	61 (2.0)	▲
Kazakhstan	60 (2.2)	▲
Czech Republic	60 (1.8)	▲
Ireland	57 (2.3)	
Netherlands	57 (1.8)	
Sweden	56 (2.1)	
Slovenia	56 (2.2)	
Denmark	56 (2.1)	
Malta	55 (2.2)	
Belgium (Flemish)	55 (2.2)	
Austria	55 (2.3)	
Belgium (French)	55 (2.3)	
Georgia	55 (2.3)	
International Avg.	55 (0.3)	
Israel	54 (2.0)	
Northern Ireland	53 (2.1)	
Germany	53 (2.2)	
England	53 (1.5)	
Canada	52 (1.7)	
Finland	51 (2.1)	
United States	51 (2.2)	
Singapore	48 (1.7)	▼
Australia	47 (2.1)	▼
Iran, Islamic Rep. of	47 (2.7)	▼
New Zealand	47 (2.0)	▼
Chile	39 (2.3)	▼
United Arab Emirates	37 (1.2)	▼
Qatar	37 (1.2)	▼
Saudi Arabia	37 (2.0)	▼
Bahrain	34 (1.9)	▼
Trinidad and Tobago	30 (1.9)	▼
Oman	24 (1.5)	▼
Morocco	21 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	85 (1.4)	▲
Madrid, Spain	80 (2.1)	▲
Andalusia, Spain	73 (2.0)	▲
Quebec, Canada	57 (2.4)	
Ontario, Canada	53 (2.4)	
Buenos Aires, Argentina	51 (2.6)	
Norway (4)	46 (2.0)	▼
Dubai, UAE	45 (1.6)	▼
Abu Dhabi, UAE	31 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	22 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H10M (Macy and the Red Hen): How does Macy get her idea
Multiple Choice (Key is B)

Country	Percent Correct	
Sweden	86 (1.4)	▲
Finland	86 (1.2)	▲
Singapore	84 (1.5)	▲
England	83 (1.5)	▲
Hungary	83 (1.6)	▲
Norway (5)	82 (1.5)	▲
Russian Federation	82 (1.8)	▲
Ireland	81 (2.1)	▲
United States	80 (1.9)	▲
Slovak Republic	80 (1.7)	▲
Poland	80 (1.7)	▲
Italy	79 (1.7)	▲
Germany	79 (1.7)	▲
Latvia	79 (1.7)	▲
Northern Ireland	79 (1.8)	▲
Denmark	79 (1.9)	▲
Canada	78 (1.2)	▲
Austria	78 (2.1)	▲
Netherlands	77 (1.7)	▲
Chinese Taipei	76 (1.7)	▲
Australia	76 (1.8)	▲
Czech Republic	74 (1.8)	▲
Belgium (Flemish)	73 (1.9)	▲
New Zealand	72 (1.6)	
Bulgaria	71 (2.0)	
Macao SAR	71 (1.7)	
Slovenia	71 (1.8)	
Hong Kong SAR	70 (2.3)	
Israel	70 (1.8)	
International Avg.	70 (0.3)	
Lithuania	69 (2.4)	
Spain	68 (2.0)	
Kazakhstan	64 (2.3)	▼
France	63 (2.5)	▼
Azerbaijan	63 (2.1)	▼
Trinidad and Tobago	61 (2.3)	▼
Belgium (French)	60 (2.3)	▼
Chile	60 (2.3)	▼
Portugal	59 (2.6)	▼
United Arab Emirates	56 (1.3)	▼
Qatar	56 (1.4)	▼
Malta	56 (2.5)	▼
Iran, Islamic Rep. of	53 (3.4)	▼
Saudi Arabia	50 (2.0)	▼
Bahrain	49 (1.9)	▼
Oman	48 (1.6)	▼
Georgia	43 (2.4)	▼
Morocco	40 (2.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	88 (1.1)	▲
Quebec, Canada	78 (2.1)	▲
Ontario, Canada	77 (2.3)	▲
Madrid, Spain	75 (1.7)	▲
Norway (4)	74 (1.7)	▲
Dubai, UAE	70 (1.3)	
Andalusia, Spain	68 (2.1)	
Buenos Aires, Argentina	53 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.4)	▼
Abu Dhabi, UAE	46 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H11M (Macy and the Red Hen): Why does Macy make white wings on a pole
Multiple Choice (Key is C)

Country	Percent Correct	
Russian Federation	92 (0.9)	▲
Hungary	91 (1.2)	▲
Ireland	91 (1.3)	▲
Northern Ireland	90 (1.3)	▲
Finland	90 (1.1)	▲
Netherlands	90 (1.4)	▲
Singapore	90 (1.2)	▲
Norway (5)	89 (1.3)	▲
United States	89 (1.6)	▲
Czech Republic	89 (1.2)	▲
England	88 (1.2)	▲
Poland	87 (1.4)	▲
Austria	87 (1.3)	▲
Australia	87 (1.3)	▲
Slovak Republic	87 (1.7)	▲
Denmark	87 (1.4)	▲
Hong Kong SAR	86 (1.7)	▲
Sweden	86 (1.7)	▲
Chinese Taipei	85 (1.3)	▲
Canada	85 (1.1)	▲
Italy	85 (1.6)	▲
Belgium (Flemish)	84 (1.7)	▲
Slovenia	84 (1.7)	▲
New Zealand	84 (1.5)	▲
Latvia	84 (1.8)	▲
Bulgaria	84 (1.8)	▲
Lithuania	83 (2.0)	▲
Germany	83 (1.6)	▲
Macao SAR	81 (1.8)	
Spain	79 (1.6)	
International Avg.	79 (0.2)	
Kazakhstan	78 (1.7)	
France	78 (1.8)	
Portugal	76 (1.7)	
Israel	76 (1.8)	
Azerbaijan	73 (2.1)	▼
Chile	72 (2.0)	▼
Trinidad and Tobago	71 (1.8)	▼
Belgium (French)	70 (2.1)	▼
Malta	64 (2.1)	▼
Georgia	63 (2.7)	▼
Iran, Islamic Rep. of	62 (2.7)	▼
Qatar	59 (1.5)	▼
United Arab Emirates	58 (1.5)	▼
Bahrain	58 (1.9)	▼
Oman	51 (1.7)	▼
Saudi Arabia	50 (2.1)	▼
Morocco	44 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Ontario, Canada	84 (2.0)	▲
Quebec, Canada	84 (2.5)	
Madrid, Spain	82 (1.8)	
Norway (4)	80 (1.5)	
Andalusia, Spain	78 (1.8)	
Dubai, UAE	78 (1.5)	
Buenos Aires, Argentina	63 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	57 (2.7)	▼
Abu Dhabi, UAE	49 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H12M (Macy and the Red Hen): What does Macy want the hen to think
Multiple Choice (Key is A)

Country	Percent Correct	
Russian Federation	88 (1.3)	▲
Chinese Taipei	87 (1.3)	▲
Hong Kong SAR	87 (1.6)	▲
Macao SAR	84 (1.7)	▲
Singapore	83 (1.2)	▲
Latvia	82 (1.7)	▲
Poland	82 (1.5)	▲
Ireland	82 (1.7)	▲
Finland	81 (1.5)	▲
United States	81 (2.0)	▲
Sweden	81 (1.7)	▲
England	80 (1.4)	▲
Lithuania	79 (2.2)	▲
Bulgaria	79 (1.9)	▲
Austria	79 (1.7)	▲
Australia	78 (1.3)	▲
Italy	77 (1.9)	▲
Northern Ireland	76 (2.0)	▲
Germany	75 (1.8)	▲
Slovak Republic	75 (2.1)	▲
Canada	75 (1.1)	▲
Slovenia	74 (2.3)	
New Zealand	74 (1.8)	▲
Hungary	74 (1.9)	
Czech Republic	72 (1.8)	
Kazakhstan	72 (2.0)	
Denmark	71 (2.4)	
Belgium (Flemish)	71 (1.7)	
International Avg.	70 (0.3)	
Netherlands	70 (2.2)	
Norway (5)	68 (2.2)	
Israel	68 (1.5)	
Chile	65 (1.9)	▼
Spain	64 (1.7)	▼
Trinidad and Tobago	63 (2.1)	▼
Georgia	63 (2.3)	▼
France	61 (2.1)	▼
Portugal	61 (2.0)	▼
Azerbaijan	59 (2.7)	▼
Belgium (French)	57 (2.2)	▼
Qatar	57 (1.3)	▼
Malta	56 (2.0)	▼
Bahrain	56 (1.9)	▼
United Arab Emirates	56 (1.4)	▼
Iran, Islamic Rep. of	52 (2.4)	▼
Saudi Arabia	51 (2.0)	▼
Oman	41 (1.8)	▼
Morocco	39 (2.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.1)	▲
Ontario, Canada	74 (2.2)	
Quebec, Canada	72 (2.6)	
Madrid, Spain	71 (1.8)	
Dubai, UAE	71 (1.6)	
Norway (4)	64 (2.1)	▼
Andalusia, Spain	63 (2.4)	▼
Buenos Aires, Argentina	62 (2.2)	▼
Abu Dhabi, UAE	46 (2.5)	▼
Eng/Afr/Zulu - RSA (5)	44 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H13C (Macy and the Red Hen): Describe what Macy is like
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Hungary	34 (2.3) ▲	59 (2.6) ▲	77 (2.2) ▲
Poland	32 (2.2) ▲	53 (2.5) ▲	81 (1.6) ▲
Singapore	32 (1.7) ▲	56 (1.8) ▲	75 (1.4) ▲
Hong Kong SAR	29 (2.4) ▲	56 (2.7) ▲	63 (2.5) ▲
England	29 (1.6) ▲	55 (1.9) ▲	72 (1.5) ▲
Australia	29 (2.0) ▲	55 (2.0) ▲	68 (1.8) ▲
Ireland	28 (2.6) ▲	52 (2.5) ▲	76 (1.7) ▲
Northern Ireland	25 (2.1) ▲	48 (2.4) ▲	69 (2.0) ▲
United States	25 (1.9) ▲	53 (2.2) ▲	74 (2.2) ▲
Latvia	25 (2.0) ▲	47 (2.6) ▲	77 (2.1) ▲
Russian Federation	24 (1.7) ▲	55 (2.1) ▲	67 (2.0) ▲
Canada	23 (1.4) ▲	43 (1.5) ▲	61 (1.5) ▲
Spain	21 (1.1) ▲	38 (1.7) ▲	61 (1.9) ▲
Israel	20 (1.7) ▲	45 (2.0) ▲	58 (2.1) ▲
Chinese Taipei	19 (1.6) ▲	46 (2.3) ▲	59 (2.1) ▲
Norway (5)	19 (1.7) ▲	43 (2.2) ▲	71 (2.2) ▲
Bulgaria	18 (1.9) ▲	43 (2.6) ▲	62 (2.7) ▲
New Zealand	18 (1.4) ▲	37 (1.8) ▲	60 (1.8) ▲
Finland	16 (1.8)	38 (2.1) ▲	65 (1.8) ▲
Italy	16 (1.7)	34 (2.3)	51 (2.2)
Lithuania	15 (1.7)	38 (2.6) ▲	57 (2.4)
International Avg.	15 (0.2)	32 (0.3)	53 (0.3)
Sweden	13 (1.6)	32 (2.0)	65 (1.9) ▲
Germany	13 (1.5)	33 (2.1)	55 (2.3)
Chile	13 (1.4)	28 (2.0) ▼	55 (2.5)
Georgia	12 (1.5)	36 (2.5)	62 (2.7) ▲
Slovak Republic	12 (1.1) ▼	28 (1.7) ▼	45 (2.1) ▼
Netherlands	11 (1.4) ▼	27 (2.0) ▼	58 (2.5) ▲
Kazakhstan	11 (1.4) ▼	27 (2.1) ▼	65 (2.3) ▲
Czech Republic	11 (1.2) ▼	32 (2.0)	49 (2.2)
Portugal	10 (1.4) ▼	23 (2.0) ▼	33 (2.3) ▼
Trinidad and Tobago	9 (1.1) ▼	21 (1.9) ▼	38 (2.2) ▼
Denmark	8 (1.1) ▼	27 (2.5) ▼	62 (2.7) ▲
Austria	7 (1.4) ▼	20 (1.8) ▼	44 (2.1) ▼
United Arab Emirates	7 (0.6) ▼	18 (1.0) ▼	37 (1.3) ▼
Slovenia	6 (0.9) ▼	27 (2.0) ▼	68 (2.4) ▲
Macao SAR	6 (1.1) ▼	31 (2.2)	44 (2.6) ▼
Bahrain	6 (0.9) ▼	21 (1.7) ▼	38 (2.1) ▼
Belgium (French)	6 (1.0) ▼	12 (1.3) ▼	26 (1.9) ▼
Qatar	6 (0.6) ▼	14 (1.0) ▼	31 (1.4) ▼
Malta	5 (0.9) ▼	16 (1.4) ▼	39 (1.9) ▼
Oman	5 (0.7) ▼	12 (1.2) ▼	25 (1.6) ▼
Belgium (Flemish)	4 (0.8) ▼	13 (1.4) ▼	41 (1.9) ▼
France	4 (0.8) ▼	14 (1.8) ▼	27 (2.2) ▼
Azerbaijan	2 (0.7) ▼	9 (1.2) ▼	21 (1.8) ▼
Saudi Arabia	1 (0.6) ▼	4 (0.7) ▼	23 (1.6) ▼
Iran, Islamic Rep. of	1 (0.3) ▼	5 (1.1) ▼	18 (1.8) ▼
Morocco	0 (0.0) ▼	0 (0.1) ▼	5 (1.0) ▼

Benchmarking Participants

Moscow City, Russian Fed.	38 (1.7) ▲	73 (1.7) ▲	80 (1.4) ▲
Madrid, Spain	31 (2.2) ▲	49 (2.2) ▲	72 (2.2) ▲
Ontario, Canada	25 (2.7) ▲	47 (3.0) ▲	64 (2.9) ▲
Quebec, Canada	21 (2.0) ▲	38 (2.9)	54 (2.2)
Andalusia, Spain	20 (1.9) ▲	40 (2.3) ▲	65 (2.0) ▲
Dubai, UAE	14 (1.1)	34 (1.3)	56 (1.7) ▲
Norway (4)	11 (1.3) ▼	30 (2.4)	54 (2.5)
Abu Dhabi, UAE	5 (1.1) ▼	12 (1.6) ▼	30 (2.0) ▼
Buenos Aires, Argentina	3 (0.9) ▼	12 (1.5) ▼	36 (1.9) ▼
Eng/Afr/Zulu - RSA (5)	1 (0.5) ▼	6 (1.2) ▼	22 (2.2) ▼

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41H14C (Macy and the Red Hen): Why is Macy at the top of the pecking order
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	67 (1.8)	▲
Australia	60 (1.9)	▲
Germany	60 (1.9)	▲
Poland	60 (2.5)	▲
England	59 (2.1)	▲
Lithuania	59 (2.6)	▲
Ireland	58 (2.2)	▲
Hungary	58 (2.5)	▲
Austria	57 (2.3)	▲
Finland	56 (2.0)	▲
United States	56 (2.2)	▲
Belgium (Flemish)	56 (2.1)	▲
Norway (5)	55 (2.3)	▲
Northern Ireland	54 (2.2)	▲
Hong Kong SAR	54 (2.4)	▲
New Zealand	54 (1.9)	▲
Netherlands	54 (2.2)	▲
Chinese Taipei	53 (2.1)	▲
Canada	53 (1.4)	▲
Bulgaria	52 (2.4)	▲
Czech Republic	51 (1.9)	▲
Singapore	51 (1.8)	▲
Sweden	50 (2.7)	▲
Slovenia	50 (2.4)	▲
Italy	49 (2.2)	▲
Latvia	48 (2.3)	▲
Denmark	48 (2.3)	▲
Macao SAR	46 (1.9)	
International Avg.	43 (0.3)	
Spain	43 (1.8)	
Slovak Republic	41 (2.0)	
Israel	39 (1.8)	
Portugal	37 (2.1)	▼
Trinidad and Tobago	36 (2.2)	▼
Kazakhstan	34 (1.7)	▼
Belgium (French)	33 (1.9)	▼
France	31 (2.4)	▼
Chile	30 (2.1)	▼
Iran, Islamic Rep. of	24 (2.3)	▼
United Arab Emirates	23 (1.3)	▼
Bahrain	19 (1.5)	▼
Qatar	17 (0.9)	▼
Georgia	16 (1.5)	▼
Azerbaijan	16 (1.4)	▼
Malta	15 (1.6)	▼
Oman	10 (1.0)	▼
Saudi Arabia	10 (1.3)	▼
Morocco	7 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	74 (1.5)	▲
Madrid, Spain	54 (2.1)	▲
Ontario, Canada	51 (2.4)	▲
Quebec, Canada	48 (2.9)	
Norway (4)	45 (2.2)	
Andalusia, Spain	41 (2.5)	
Dubai, UAE	38 (1.5)	▼
Buenos Aires, Argentina	26 (2.0)	▼
Abu Dhabi, UAE	16 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	11 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H15C (Macy and the Red Hen): What do you think the red hen will do next time
Constructed Response (1 Point)

Country	Percent Correct	
Finland	84 (1.6)	▲
Russian Federation	84 (1.6)	▲
Lithuania	83 (1.9)	▲
Latvia	80 (1.7)	▲
Ireland	80 (1.9)	▲
Sweden	79 (1.9)	▲
Singapore	79 (1.4)	▲
Norway (5)	78 (1.8)	▲
Poland	77 (2.1)	▲
England	77 (1.5)	▲
Australia	75 (1.9)	▲
Hungary	75 (2.3)	▲
Hong Kong SAR	74 (1.9)	▲
Northern Ireland	74 (2.0)	▲
Italy	74 (1.8)	▲
Czech Republic	73 (1.8)	▲
United States	71 (1.9)	▲
Netherlands	70 (2.2)	▲
Chinese Taipei	70 (2.1)	▲
Germany	70 (2.3)	▲
Spain	70 (1.5)	▲
Kazakhstan	69 (1.9)	▲
Slovenia	69 (2.2)	▲
Canada	69 (1.4)	▲
Denmark	68 (2.1)	▲
Bulgaria	68 (2.4)	▲
Slovak Republic	68 (2.0)	▲
Austria	68 (2.1)	▲
Belgium (Flemish)	64 (2.1)	
New Zealand	64 (1.7)	
Macao SAR	63 (2.3)	
France	63 (2.3)	
International Avg.	62 (0.3)	
Israel	61 (2.1)	
Portugal	61 (1.8)	
Belgium (French)	58 (2.1)	▼
Trinidad and Tobago	47 (2.6)	▼
Chile	46 (2.2)	▼
Malta	45 (2.0)	▼
Azerbaijan	43 (2.1)	▼
Georgia	41 (2.4)	▼
Iran, Islamic Rep. of	39 (2.6)	▼
United Arab Emirates	37 (2.0)	▼
Bahrain	36 (1.6)	▼
Qatar	29 (1.7)	▼
Oman	25 (1.7)	▼
Saudi Arabia	18 (1.5)	▼
Morocco	12 (1.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	91 (1.1)	▲
Quebec, Canada	76 (2.1)	▲
Madrid, Spain	76 (2.1)	▲
Andalusia, Spain	69 (2.3)	▲
Ontario, Canada	63 (3.0)	
Norway (4)	61 (2.1)	
Dubai, UAE	57 (2.6)	▼
Buenos Aires, Argentina	49 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	30 (2.3)	▼
Abu Dhabi, UAE	28 (2.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41H16C (Macy and the Red Hen): Why would "Macy Finds a Way" be good title
Constructed Response (1 Point)

Country	Percent Correct	
Poland	70 (2.1)	▲
Singapore	62 (1.6)	▲
Ireland	55 (2.3)	▲
United States	55 (2.1)	▲
Northern Ireland	53 (2.3)	▲
England	53 (1.8)	▲
Australia	52 (1.9)	▲
Russian Federation	51 (2.3)	▲
Lithuania	51 (2.6)	▲
Canada	49 (1.6)	▲
Bulgaria	48 (2.6)	▲
Finland	45 (2.1)	▲
Latvia	45 (2.4)	▲
Slovak Republic	44 (2.1)	▲
Kazakhstan	43 (1.9)	▲
Germany	43 (2.1)	▲
Hungary	42 (2.5)	▲
Hong Kong SAR	41 (2.4)	▲
Slovenia	41 (2.6)	▲
Norway (5)	41 (2.4)	▲
Chinese Taipei	37 (2.2)	
Austria	37 (2.3)	
Israel	36 (2.0)	
International Avg.	34 (0.3)	
Italy	34 (2.2)	
Netherlands	33 (2.1)	
Portugal	31 (2.1)	
New Zealand	31 (1.7)	
Belgium (French)	30 (1.9)	▼
Spain	25 (1.2)	▼
Sweden	24 (2.0)	▼
Denmark	24 (2.0)	▼
Trinidad and Tobago	24 (1.9)	▼
Czech Republic	23 (1.8)	▼
Bahrain	23 (1.4)	▼
Belgium (Flemish)	23 (1.8)	▼
Macao SAR	23 (1.6)	▼
Georgia	22 (2.1)	▼
United Arab Emirates	21 (1.1)	▼
Chile	20 (1.6)	▼
Azerbaijan	19 (1.9)	▼
Qatar	19 (1.0)	▼
France	19 (1.9)	▼
Oman	17 (1.5)	▼
Malta	16 (1.5)	▼
Iran, Islamic Rep. of	15 (1.8)	▼
Saudi Arabia	8 (1.5)	▼
Morocco	3 (0.7)	▼
Benchmarking Participants		
Ontario, Canada	52 (3.0)	▲
Moscow City, Russian Fed.	52 (2.1)	▲
Dubai, UAE	40 (1.2)	▲
Quebec, Canada	37 (2.5)	
Buenos Aires, Argentina	31 (2.2)	
Madrid, Spain	28 (1.7)	▼
Norway (4)	26 (2.1)	▼
Andalusia, Spain	25 (1.8)	▼
Abu Dhabi, UAE	14 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	14 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I01C (Icelandic Horses): Year the Vikings left Norway
Constructed Response (1 Point)

Country	Percent Correct	
Bulgaria	96 (1.0)	▲
Hong Kong SAR	95 (0.8)	▲
Chinese Taipei	95 (0.9)	▲
Latvia	94 (0.9)	▲
Sweden	94 (1.1)	▲
Portugal	94 (0.9)	▲
Ireland	94 (1.0)	▲
Russian Federation	93 (1.1)	▲
Spain	93 (0.7)	▲
Finland	93 (1.1)	▲
Singapore	92 (1.0)	▲
Macao SAR	92 (1.1)	▲
Northern Ireland	92 (1.1)	▲
Poland	92 (1.3)	▲
Germany	91 (1.3)	▲
Lithuania	91 (1.5)	▲
Italy	91 (1.4)	▲
Denmark	91 (1.6)	▲
Slovak Republic	90 (1.2)	▲
England	90 (1.3)	▲
Austria	89 (1.3)	▲
Canada	89 (0.9)	▲
Czech Republic	89 (1.3)	▲
Israel	88 (1.4)	▲
Hungary	87 (1.3)	▲
Belgium (Flemish)	87 (1.2)	▲
Kazakhstan	86 (1.5)	
Norway (5)	86 (2.0)	
Netherlands	85 (1.9)	
International Avg.	85 (0.2)	
Chile	84 (1.8)	
France	84 (1.3)	
Slovenia	83 (1.4)	
Australia	83 (1.3)	
United States	83 (1.5)	
New Zealand	82 (1.6)	
Trinidad and Tobago	78 (1.8)	▼
Bahrain	77 (1.6)	▼
Malta	77 (1.7)	▼
Belgium (French)	77 (1.6)	▼
United Arab Emirates	74 (1.3)	▼
Georgia	73 (2.4)	▼
Qatar	73 (1.3)	▼
Oman	68 (1.5)	▼
Azerbaijan	66 (2.0)	▼
Saudi Arabia	64 (1.8)	▼
Iran, Islamic Rep. of	64 (2.5)	▼
Morocco	49 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	97 (0.7)	▲
Madrid, Spain	93 (1.1)	▲
Quebec, Canada	92 (1.7)	▲
Andalusia, Spain	91 (1.3)	▲
Ontario, Canada	88 (1.5)	▲
Dubai, UAE	87 (0.9)	▲
Buenos Aires, Argentina	86 (1.5)	
Norway (4)	79 (2.0)	▼
Abu Dhabi, UAE	68 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	66 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I02M (Icelandic Horses): Why did Vikings choose their cargo carefully
Multiple Choice (Key is D)

Country	Percent Correct	
Hong Kong SAR	77 (2.2)	▲
Netherlands	66 (2.0)	▲
Slovenia	65 (2.3)	▲
Hungary	64 (2.6)	▲
Chinese Taipei	63 (1.9)	▲
Belgium (Flemish)	62 (2.0)	▲
Poland	59 (2.6)	▲
Bulgaria	58 (2.4)	▲
Germany	58 (2.0)	▲
Northern Ireland	58 (2.2)	▲
Austria	57 (1.9)	▲
Kazakhstan	57 (2.5)	▲
Finland	57 (2.1)	▲
Norway (5)	56 (1.9)	▲
Macao SAR	56 (1.8)	▲
Singapore	55 (1.7)	▲
Ireland	55 (2.6)	▲
Canada	54 (1.4)	▲
England	53 (1.9)	▲
Lithuania	53 (2.1)	▲
Sweden	52 (2.4)	▲
United States	52 (2.3)	▲
Czech Republic	52 (1.9)	▲
Italy	51 (2.2)	
Australia	50 (2.1)	
Latvia	49 (2.4)	
France	49 (2.3)	
Russian Federation	48 (1.9)	
New Zealand	48 (2.3)	
Slovak Republic	47 (1.6)	
International Avg.	47 (0.3)	
Belgium (French)	47 (1.9)	
Israel	45 (2.2)	
Denmark	43 (2.0)	▼
Iran, Islamic Rep. of	41 (2.9)	▼
Chile	39 (1.7)	▼
Portugal	34 (1.8)	▼
United Arab Emirates	33 (1.2)	▼
Trinidad and Tobago	32 (2.1)	▼
Spain	31 (1.7)	▼
Malta	29 (1.9)	▼
Qatar	29 (1.5)	▼
Bahrain	29 (1.7)	▼
Georgia	26 (2.1)	▼
Saudi Arabia	24 (2.2)	▼
Morocco	20 (1.8)	▼
Oman	19 (1.4)	▼
Azerbaijan	16 (1.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	61 (2.3)	▲
Norway (4)	56 (2.2)	▲
Quebec, Canada	55 (2.9)	▲
Ontario, Canada	53 (2.5)	▲
Dubai, UAE	43 (1.6)	▼
Madrid, Spain	39 (2.3)	▼
Buenos Aires, Argentina	33 (1.9)	▼
Andalusia, Spain	30 (1.7)	▼
Abu Dhabi, UAE	29 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	21 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I03C (Icelandic Horses): Two reasons Iceland thousands of horses
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	51 (2.6) ▲	80 (2.2) ▲
Singapore	49 (1.7) ▲	84 (1.3) ▲
Poland	44 (2.0) ▲	77 (1.9) ▲
Ireland	43 (2.3) ▲	77 (1.9) ▲
Russian Federation	43 (1.8) ▲	74 (1.7) ▲
Germany	43 (2.1) ▲	77 (1.8) ▲
Latvia	42 (2.0) ▲	80 (1.9) ▲
Australia	42 (1.7) ▲	77 (1.5) ▲
Hong Kong SAR	41 (2.4) ▲	80 (2.0) ▲
Kazakhstan	40 (2.3) ▲	74 (2.3) ▲
Hungary	39 (2.4) ▲	75 (1.8) ▲
Finland	39 (2.0) ▲	75 (1.7) ▲
Austria	38 (2.4) ▲	77 (1.7) ▲
United States	38 (2.2) ▲	74 (1.8) ▲
Netherlands	38 (2.3) ▲	72 (1.9) ▲
Canada	37 (1.4) ▲	70 (1.3) ▲
Macao SAR	37 (1.9) ▲	79 (1.5) ▲
Sweden	37 (2.3) ▲	75 (1.9) ▲
Norway (5)	36 (2.3) ▲	77 (2.2) ▲
Czech Republic	36 (1.9) ▲	70 (1.7) ▲
Slovenia	34 (2.5)	67 (2.0)
Bulgaria	34 (2.4)	74 (2.2) ▲
Belgium (Flemish)	34 (1.9)	71 (1.9) ▲
Denmark	33 (2.0)	73 (2.3) ▲
Northern Ireland	32 (2.0)	72 (2.2) ▲
England	32 (1.7)	70 (1.8) ▲
Chinese Taipei	31 (2.0)	77 (1.9) ▲
International Avg.	31 (0.3)	66 (0.3)
Portugal	30 (1.8)	67 (1.9)
Israel	30 (1.7)	62 (2.0)
Chile	27 (2.0) ▼	60 (1.9) ▼
Slovak Republic	27 (1.7) ▼	63 (2.1)
Trinidad and Tobago	27 (2.1) ▼	61 (2.2) ▼
Spain	26 (0.9) ▼	61 (1.3) ▼
Georgia	24 (1.8) ▼	57 (2.2) ▼
Italy	23 (1.6) ▼	59 (2.3) ▼
New Zealand	23 (1.7) ▼	57 (1.8) ▼
Belgium (French)	22 (1.9) ▼	52 (2.6) ▼
Saudi Arabia	22 (1.9) ▼	51 (1.9) ▼
Bahrain	22 (1.4) ▼	59 (1.7) ▼
Azerbaijan	22 (2.0) ▼	57 (2.0) ▼
France	21 (1.6) ▼	54 (2.1) ▼
Qatar	19 (1.0) ▼	49 (1.5) ▼
Oman	19 (1.2) ▼	49 (1.8) ▼
United Arab Emirates	17 (1.0) ▼	47 (1.5) ▼
Malta	13 (1.4) ▼	46 (2.0) ▼
Iran, Islamic Rep. of	8 (1.3) ▼	38 (2.4) ▼
Morocco	4 (0.9) ▼	18 (1.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (2.2) ▲	81 (1.6) ▲
Quebec, Canada	38 (2.3) ▲	69 (2.6)
Ontario, Canada	36 (2.5)	70 (2.4)
Madrid, Spain	30 (2.0)	68 (2.4)
Dubai, UAE	28 (1.8)	62 (1.5) ▼
Norway (4)	27 (1.9) ▼	69 (1.8)
Andalusia, Spain	22 (1.5) ▼	58 (2.1) ▼
Buenos Aires, Argentina	20 (1.5) ▼	51 (2.5) ▼
Eng/Afr/Zulu - RSA (5)	14 (1.7) ▼	37 (2.5) ▼
Abu Dhabi, UAE	11 (1.3) ▼	39 (2.0) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41I04C (Icelandic Horses): What kind of place did they find
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Sweden	43 (2.6) ▲	79 (1.8) ▲
Singapore	42 (2.0) ▲	77 (1.7) ▲
Hong Kong SAR	41 (2.2) ▲	75 (2.0) ▲
Ireland	41 (2.5) ▲	78 (2.1) ▲
Poland	38 (2.0) ▲	72 (1.9) ▲
Chinese Taipei	37 (2.0) ▲	71 (2.0) ▲
Norway (5)	35 (2.2) ▲	77 (1.9) ▲
Lithuania	34 (1.9) ▲	74 (2.5) ▲
Russian Federation	32 (1.8) ▲	76 (1.6) ▲
Australia	32 (1.8) ▲	70 (1.8) ▲
New Zealand	32 (1.7) ▲	66 (1.8) ▲
Netherlands	31 (1.9) ▲	64 (2.2) ▲
Northern Ireland	31 (2.0) ▲	70 (2.1) ▲
Denmark	31 (2.1) ▲	75 (1.7) ▲
Canada	30 (1.3) ▲	66 (1.6) ▲
Bulgaria	30 (2.3) ▲	70 (2.4) ▲
Macao SAR	30 (1.8) ▲	67 (1.8) ▲
Hungary	30 (1.9) ▲	75 (2.0) ▲
Finland	29 (2.2) ▲	68 (1.9) ▲
Latvia	29 (2.0) ▲	74 (2.0) ▲
Czech Republic	28 (1.5) ▲	68 (2.0) ▲
England	27 (1.9) ▲	66 (2.1) ▲
Kazakhstan	27 (2.1) ▲	70 (1.9) ▲
United States	27 (1.6) ▲	63 (1.8) ▲
Slovak Republic	26 (1.6) ▲	67 (2.1) ▲
Belgium (Flemish)	25 (1.7) ▲	59 (1.9) ▲
International Avg.	25 (0.3)	58 (0.3)
Italy	22 (1.8) ▲	60 (2.1) ▲
Georgia	22 (1.7) ▲	57 (2.2) ▲
Spain	22 (1.4) ▼	55 (1.5) ▼
Slovenia	21 (1.6) ▼	46 (2.1) ▼
Germany	19 (1.5) ▼	41 (1.9) ▼
United Arab Emirates	18 (1.0) ▼	45 (1.4) ▼
Portugal	17 (2.0) ▼	53 (2.1) ▼
Saudi Arabia	17 (1.8) ▼	37 (2.4) ▼
Chile	17 (1.7) ▼	47 (2.0) ▼
Trinidad and Tobago	16 (1.5) ▼	47 (2.1) ▼
Israel	16 (1.5) ▼	58 (2.2) ▼
Malta	16 (1.6) ▼	45 (1.8) ▼
Oman	14 (1.4) ▼	35 (2.0) ▼
France	14 (1.5) ▼	44 (2.1) ▼
Austria	12 (1.6) ▼	30 (2.0) ▼
Bahrain	12 (1.1) ▼	39 (1.7) ▼
Qatar	12 (0.9) ▼	38 (1.6) ▼
Belgium (French)	12 (1.3) ▼	39 (2.1) ▼
Azerbaijan	11 (1.6) ▼	33 (2.2) ▼
Iran, Islamic Rep. of	3 (0.8) ▼	16 (1.9) ▼
Morocco	2 (0.6) ▼	10 (1.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	39 (1.9) ▲	86 (1.4) ▲
Ontario, Canada	29 (2.3) ▲	67 (2.8) ▲
Dubai, UAE	27 (1.3) ▲	62 (1.7) ▲
Madrid, Spain	26 (1.9) ▲	66 (2.1) ▲
Norway (4)	24 (2.1) ▲	66 (2.2) ▲
Quebec, Canada	23 (2.2) ▲	58 (2.4) ▲
Andalusia, Spain	21 (1.7) ▼	59 (2.0) ▼
Buenos Aires, Argentina	18 (1.8) ▼	42 (2.0) ▼
Abu Dhabi, UAE	13 (1.6) ▼	34 (1.9) ▼
Eng/Afr/Zulu - RSA (5)	10 (1.5) ▼	28 (2.7) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41I05M (Icelandic Horses): How do the large numbers help the reader
Multiple Choice (Key is C)

Country	Percent Correct	
Italy	81 (1.6)	▲
Russian Federation	77 (1.9)	▲
Spain	75 (1.5)	▲
Slovenia	75 (2.7)	▲
Kazakhstan	75 (1.8)	▲
Poland	75 (1.7)	▲
Hong Kong SAR	74 (2.4)	▲
Singapore	74 (1.5)	▲
Latvia	73 (2.0)	▲
Chinese Taipei	73 (1.8)	▲
Hungary	72 (2.2)	▲
Lithuania	72 (2.2)	▲
Bulgaria	71 (2.7)	▲
Sweden	71 (1.9)	▲
Austria	69 (2.0)	▲
Belgium (Flemish)	69 (1.8)	▲
Norway (5)	69 (2.1)	▲
Macao SAR	68 (2.0)	▲
England	66 (2.1)	▲
Ireland	65 (1.9)	▲
Israel	65 (1.9)	
Portugal	64 (2.1)	
France	62 (1.7)	
Finland	61 (2.0)	
Germany	61 (2.0)	
International Avg.	61 (0.3)	
Australia	61 (2.2)	
Chile	60 (2.0)	
Denmark	60 (2.2)	
Northern Ireland	60 (2.4)	
Netherlands	60 (2.2)	
United States	60 (2.2)	
Canada	60 (1.8)	
Slovak Republic	58 (2.4)	
Azerbaijan	57 (2.4)	
Georgia	56 (2.6)	
Czech Republic	56 (2.0)	▼
New Zealand	55 (2.1)	▼
Oman	50 (1.5)	▼
Belgium (French)	48 (2.0)	▼
Iran, Islamic Rep. of	47 (2.6)	▼
Malta	46 (1.8)	▼
United Arab Emirates	45 (1.4)	▼
Trinidad and Tobago	44 (2.2)	▼
Qatar	41 (1.5)	▼
Bahrain	39 (1.7)	▼
Saudi Arabia	31 (2.4)	▼
Morocco	13 (1.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	88 (1.5)	▲
Madrid, Spain	77 (2.0)	▲
Andalusia, Spain	72 (1.9)	▲
Quebec, Canada	68 (2.6)	▲
Ontario, Canada	63 (2.9)	
Norway (4)	63 (2.3)	
Dubai, UAE	62 (1.5)	
Buenos Aires, Argentina	52 (2.4)	▼
Abu Dhabi, UAE	37 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	31 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I06M (Icelandic Horses): Why did Icelandic people treat horses with respect
Multiple Choice (Key is A)

Country	Percent Correct	
Russian Federation	83 (1.4)	▲
Bulgaria	78 (2.4)	▲
Latvia	76 (1.9)	▲
Hong Kong SAR	74 (2.2)	▲
Singapore	74 (1.5)	▲
Finland	69 (1.6)	▲
Macao SAR	69 (1.9)	▲
Slovenia	69 (2.0)	▲
Hungary	68 (2.1)	▲
Ireland	67 (2.1)	▲
Northern Ireland	64 (2.1)	▲
United States	64 (2.4)	▲
Lithuania	64 (2.1)	▲
Chinese Taipei	64 (2.0)	▲
Australia	63 (2.1)	▲
Kazakhstan	63 (1.9)	▲
Austria	62 (1.7)	▲
Germany	62 (1.9)	▲
Slovak Republic	62 (2.0)	▲
France	62 (1.9)	▲
Canada	61 (1.5)	▲
Georgia	61 (2.2)	▲
Poland	59 (2.4)	
England	58 (2.1)	
Spain	58 (1.7)	
Czech Republic	58 (1.9)	
Netherlands	57 (2.0)	
International Avg.	56 (0.3)	
Italy	55 (2.2)	
Chile	53 (2.1)	
New Zealand	52 (1.8)	▼
Israel	52 (2.0)	▼
Trinidad and Tobago	51 (2.4)	▼
Oman	49 (1.5)	▼
United Arab Emirates	47 (1.3)	▼
Sweden	47 (2.2)	▼
Norway (5)	44 (2.2)	▼
Belgium (Flemish)	44 (1.8)	▼
Bahrain	44 (2.1)	▼
Morocco	43 (2.3)	▼
Saudi Arabia	40 (2.4)	▼
Qatar	40 (1.4)	▼
Azerbaijan	39 (2.5)	▼
Iran, Islamic Rep. of	38 (2.6)	▼
Belgium (French)	38 (2.2)	▼
Portugal	37 (2.2)	▼
Denmark	28 (1.6)	▼
Malta	25 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	92 (1.1)	▲
Ontario, Canada	63 (2.4)	▲
Madrid, Spain	60 (2.4)	
Andalusia, Spain	59 (1.9)	
Quebec, Canada	58 (2.9)	
Buenos Aires, Argentina	58 (2.2)	
Dubai, UAE	54 (1.7)	
Abu Dhabi, UAE	41 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	38 (2.2)	▼
Norway (4)	27 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I07C (Icelandic Horses): Write how conditions changed the horse
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Bulgaria	45 (2.7) ▲	63 (2.6) ▲
Singapore	44 (1.8) ▲	69 (1.7) ▲
Latvia	43 (2.1) ▲	71 (1.9) ▲
Lithuania	43 (2.0) ▲	64 (2.3) ▲
Slovenia	42 (2.7) ▲	62 (2.2) ▲
Poland	42 (2.2) ▲	64 (2.0) ▲
Czech Republic	41 (2.0) ▲	65 (2.0) ▲
Hong Kong SAR	40 (2.3) ▲	73 (2.2) ▲
Finland	38 (2.1) ▲	64 (2.2) ▲
Italy	38 (2.1) ▲	57 (2.0) ▲
Kazakhstan	37 (2.7) ▲	65 (2.1) ▲
Northern Ireland	37 (2.0) ▲	58 (1.9) ▲
Norway (5)	36 (2.3) ▲	58 (2.5) ▲
Russian Federation	35 (1.9) ▲	70 (2.0) ▲
Chinese Taipei	34 (1.9) ▲	72 (1.8) ▲
Slovak Republic	34 (1.9) ▲	60 (2.3) ▲
Ireland	34 (2.1) ▲	59 (2.2) ▲
Canada	34 (1.4) ▲	56 (1.4) ▲
Sweden	33 (2.2) ▲	58 (2.8) ▲
Austria	32 (1.7) ▲	55 (1.9) ▲
Hungary	31 (1.7) ▲	53 (1.9) ▲
Australia	30 (1.6)	53 (2.1)
Macao SAR	29 (1.7)	63 (1.8) ▲
England	29 (1.7)	50 (2.0)
International Avg.	27 (0.3)	49 (0.3)
Spain	27 (1.3)	45 (1.8) ▼
New Zealand	27 (1.9)	51 (2.1)
Germany	26 (2.1)	49 (2.2)
Denmark	26 (2.1)	53 (2.5)
Israel	26 (1.9)	53 (2.1)
United States	25 (1.7)	50 (2.0)
Netherlands	24 (2.4)	46 (2.6)
Portugal	22 (1.9) ▼	48 (1.8)
Belgium (Flemish)	20 (2.0) ▼	44 (2.0) ▼
Azerbaijan	20 (1.5) ▼	48 (2.2)
Georgia	18 (1.6) ▼	41 (2.7) ▼
Chile	18 (1.7) ▼	33 (2.4) ▼
France	16 (1.8) ▼	35 (2.1) ▼
United Arab Emirates	16 (1.1) ▼	34 (1.4) ▼
Qatar	13 (1.0) ▼	31 (1.2) ▼
Trinidad and Tobago	13 (1.4) ▼	32 (2.1) ▼
Belgium (French)	13 (1.4) ▼	31 (1.8) ▼
Oman	10 (1.3) ▼	24 (1.7) ▼
Bahrain	10 (1.4) ▼	27 (1.4) ▼
Saudi Arabia	8 (1.6) ▼	24 (1.9) ▼
Malta	7 (1.0) ▼	18 (1.7) ▼
Morocco	4 (0.7) ▼	8 (1.3) ▼
Iran, Islamic Rep. of	3 (1.1) ▼	18 (1.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	45 (2.0) ▲	79 (1.5) ▲
Quebec, Canada	37 (3.0) ▲	58 (2.6) ▲
Madrid, Spain	34 (1.9) ▲	56 (1.9) ▲
Ontario, Canada	34 (2.2) ▲	55 (2.3) ▲
Dubai, UAE	28 (1.9)	52 (1.9)
Andalusia, Spain	26 (1.6)	45 (2.2)
Norway (4)	19 (1.7) ▼	42 (2.0) ▼
Buenos Aires, Argentina	12 (1.5) ▼	22 (1.7) ▼
Eng/Afr/Zulu - RSA (5)	9 (1.6) ▼	19 (1.8) ▼
Abu Dhabi, UAE	7 (1.1) ▼	23 (1.7) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41I08M (Icelandic Horses): What is the tolt
Multiple Choice (Key is A)

Country	Percent Correct	
Czech Republic	93 (0.9)	▲
Chinese Taipei	93 (1.0)	▲
Slovenia	93 (1.0)	▲
Macao SAR	92 (1.0)	▲
Kazakhstan	92 (1.1)	▲
Finland	91 (1.1)	▲
Lithuania	91 (1.4)	▲
Hungary	91 (1.3)	▲
Hong Kong SAR	91 (2.0)	▲
Bulgaria	91 (1.5)	▲
Russian Federation	91 (1.2)	▲
Austria	91 (1.2)	▲
Italy	90 (1.2)	▲
Poland	90 (1.5)	▲
Belgium (Flemish)	89 (1.1)	▲
Sweden	89 (1.2)	▲
Netherlands	89 (1.7)	▲
Slovak Republic	88 (1.5)	▲
Spain	88 (0.9)	▲
Northern Ireland	87 (1.2)	▲
Ireland	87 (1.5)	▲
France	87 (1.3)	▲
Latvia	86 (1.8)	▲
England	85 (1.4)	▲
Norway (5)	84 (1.8)	
Singapore	84 (1.2)	▲
Portugal	83 (1.7)	
Germany	83 (1.8)	
Denmark	83 (1.7)	
Azerbaijan	83 (1.7)	
Australia	82 (1.4)	
Canada	82 (1.5)	
International Avg.	81 (0.2)	
New Zealand	80 (1.4)	
Israel	80 (1.4)	
United States	76 (1.7)	▼
Belgium (French)	75 (1.9)	▼
Chile	71 (1.9)	▼
Trinidad and Tobago	67 (2.3)	▼
Malta	66 (1.7)	▼
Georgia	65 (2.3)	▼
United Arab Emirates	65 (1.3)	▼
Qatar	63 (1.4)	▼
Bahrain	60 (1.7)	▼
Oman	55 (1.7)	▼
Iran, Islamic Rep. of	54 (2.4)	▼
Morocco	45 (2.3)	▼
Saudi Arabia	45 (2.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	96 (0.9)	▲
Madrid, Spain	92 (1.3)	▲
Andalusia, Spain	87 (1.5)	▲
Quebec, Canada	87 (2.2)	▲
Dubai, UAE	81 (1.5)	
Ontario, Canada	80 (2.6)	
Norway (4)	75 (2.0)	▼
Abu Dhabi, UAE	55 (2.1)	▼
Buenos Aires, Argentina	49 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I09C (Icelandic Horses): Why do riders sometimes carry a glass of water
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	77 (1.5)	▲
Latvia	75 (2.0)	▲
Finland	74 (2.0)	▲
Macao SAR	72 (1.6)	▲
Ireland	71 (2.0)	▲
Singapore	70 (1.6)	▲
Northern Ireland	70 (2.0)	▲
Russian Federation	69 (1.8)	▲
Poland	68 (2.6)	▲
Kazakhstan	68 (2.1)	▲
Norway (5)	67 (2.4)	▲
Austria	67 (2.0)	▲
Slovenia	67 (2.0)	▲
Belgium (Flemish)	67 (1.6)	▲
Hong Kong SAR	67 (3.2)	▲
Hungary	66 (2.1)	▲
Italy	65 (2.2)	▲
Czech Republic	64 (1.8)	▲
Bulgaria	64 (2.8)	▲
England	64 (1.9)	▲
Germany	64 (2.1)	▲
Australia	63 (2.1)	▲
Sweden	63 (2.3)	▲
Netherlands	62 (2.7)	▲
Canada	61 (1.3)	▲
Slovak Republic	61 (2.0)	▲
Lithuania	60 (2.6)	
United States	58 (2.2)	
Spain	58 (1.9)	
International Avg.	56 (0.3)	
Israel	55 (2.2)	
France	55 (2.0)	
Denmark	54 (2.1)	
New Zealand	50 (2.1)	▼
Portugal	48 (2.2)	▼
Belgium (French)	45 (2.3)	▼
Chile	43 (2.2)	▼
Saudi Arabia	41 (2.0)	▼
Georgia	41 (2.6)	▼
Bahrain	38 (1.4)	▼
United Arab Emirates	38 (1.4)	▼
Qatar	37 (1.3)	▼
Oman	35 (1.6)	▼
Azerbaijan	34 (2.4)	▼
Trinidad and Tobago	34 (1.9)	▼
Malta	32 (1.7)	▼
Iran, Islamic Rep. of	29 (2.5)	▼
Morocco	10 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	75 (1.8)	▲
Madrid, Spain	69 (1.8)	▲
Quebec, Canada	61 (2.4)	
Ontario, Canada	56 (2.4)	
Andalusia, Spain	56 (2.5)	
Dubai, UAE	54 (1.7)	
Norway (4)	52 (2.2)	
Buenos Aires, Argentina	34 (2.2)	▼
Abu Dhabi, UAE	28 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	20 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I10M (Icelandic Horses): What is one thing you learn from this picture
Multiple Choice (Key is C)

Country	Percent Correct	
Finland	79 (2.0)	▲
Poland	78 (1.8)	▲
Czech Republic	77 (1.6)	▲
Latvia	77 (1.6)	▲
Belgium (Flemish)	77 (2.0)	▲
Netherlands	77 (2.4)	▲
Slovenia	76 (1.7)	▲
Slovak Republic	75 (1.9)	▲
Norway (5)	74 (2.1)	▲
Sweden	73 (1.9)	▲
Italy	72 (2.0)	▲
Denmark	72 (2.0)	▲
Germany	70 (2.0)	▲
Lithuania	69 (2.3)	▲
Spain	68 (1.4)	▲
Austria	67 (2.1)	▲
Chinese Taipei	66 (2.0)	▲
Hong Kong SAR	66 (2.4)	▲
Singapore	63 (1.7)	▲
Bulgaria	62 (2.6)	
Northern Ireland	61 (2.4)	
Russian Federation	61 (1.8)	
Ireland	61 (2.0)	
England	59 (1.7)	
International Avg.	58 (0.3)	
Macao SAR	58 (1.8)	
Australia	57 (2.1)	
Belgium (French)	56 (2.0)	
Israel	55 (2.0)	
Hungary	54 (2.4)	
Canada	53 (1.5)	▼
United States	52 (2.4)	▼
Portugal	50 (2.6)	▼
Chile	50 (2.0)	▼
France	50 (2.1)	▼
New Zealand	49 (1.9)	▼
Georgia	49 (2.3)	▼
Kazakhstan	46 (2.4)	▼
Azerbaijan	46 (2.3)	▼
United Arab Emirates	44 (1.2)	▼
Malta	41 (1.9)	▼
Trinidad and Tobago	40 (2.0)	▼
Qatar	39 (1.5)	▼
Bahrain	38 (1.4)	▼
Saudi Arabia	37 (2.1)	▼
Oman	36 (1.6)	▼
Morocco	35 (2.1)	▼
Iran, Islamic Rep. of	34 (2.3)	▼
Benchmarking Participants		
Madrid, Spain	73 (2.0)	▲
Moscow City, Russian Fed.	70 (1.8)	▲
Andalusia, Spain	68 (1.8)	▲
Norway (4)	65 (2.2)	▲
Quebec, Canada	57 (2.7)	
Dubai, UAE	53 (2.2)	▼
Ontario, Canada	53 (2.2)	▼
Abu Dhabi, UAE	40 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	36 (2.2)	▼
Buenos Aires, Argentina	33 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I11C (Icelandic Horses): Give one characteristic of the horses
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	48 (2.1) ▲	79 (1.5) ▲
Hungary	43 (2.4) ▲	78 (2.0) ▲
Latvia	40 (2.1) ▲	76 (1.7) ▲
Hong Kong SAR	40 (2.1) ▲	71 (2.1) ▲
Chinese Taipei	40 (2.0) ▲	76 (1.8) ▲
Poland	38 (2.2) ▲	74 (2.2) ▲
Sweden	36 (2.3) ▲	70 (2.1) ▲
Russian Federation	35 (1.9) ▲	71 (2.1) ▲
Australia	34 (2.2) ▲	67 (1.9) ▲
Finland	34 (1.8) ▲	70 (1.9) ▲
Kazakhstan	33 (1.8) ▲	69 (1.9) ▲
Ireland	33 (2.4) ▲	63 (2.4) ▲
Lithuania	33 (2.4) ▲	65 (2.4) ▲
United States	31 (2.2) ▲	59 (2.2) ▲
Canada	31 (1.4) ▲	61 (1.5) ▲
Bulgaria	31 (2.4) ▲	72 (2.6) ▲
Northern Ireland	31 (2.1) ▲	56 (2.0)
Norway (5)	31 (2.1) ▲	72 (2.1) ▲
Israel	29 (2.2)	59 (2.0)
Italy	28 (2.1)	60 (2.1) ▲
England	27 (1.7)	58 (1.9)
Netherlands	26 (1.8)	56 (2.6)
Slovak Republic	26 (1.8)	60 (2.2) ▲
International Avg.	24 (0.3)	55 (0.3)
Macao SAR	24 (1.4)	62 (1.8) ▲
Slovenia	24 (2.1)	53 (2.2)
Spain	24 (1.6)	54 (1.8)
Portugal	24 (2.2)	58 (1.9)
Germany	23 (1.9)	58 (2.1)
New Zealand	22 (1.6)	46 (1.8) ▼
Czech Republic	21 (1.6) ▼	58 (2.0)
Belgium (Flemish)	20 (1.6) ▼	53 (2.2)
Georgia	19 (2.0) ▼	51 (2.3) ▼
Denmark	18 (1.7) ▼	48 (2.0) ▼
United Arab Emirates	15 (1.0) ▼	42 (1.4) ▼
Trinidad and Tobago	15 (1.7) ▼	35 (2.1) ▼
Qatar	13 (0.8) ▼	37 (1.4) ▼
Saudi Arabia	13 (1.9) ▼	49 (2.1) ▼
Bahrain	12 (1.1) ▼	44 (1.7) ▼
Austria	12 (1.3) ▼	47 (2.0) ▼
Azerbaijan	11 (1.7) ▼	42 (2.5) ▼
France	11 (1.3) ▼	41 (2.4) ▼
Iran, Islamic Rep. of	11 (1.6) ▼	38 (3.0) ▼
Chile	11 (1.4) ▼	41 (2.3) ▼
Oman	10 (1.2) ▼	32 (1.7) ▼
Belgium (French)	9 (1.2) ▼	37 (2.5) ▼
Malta	8 (1.0) ▼	29 (1.7) ▼
Morocco	2 (0.6) ▼	5 (1.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	49 (2.0) ▲	82 (1.5) ▲
Quebec, Canada	33 (2.2) ▲	63 (2.6) ▲
Ontario, Canada	33 (2.1) ▲	65 (2.3) ▲
Madrid, Spain	27 (2.1)	64 (1.7) ▲
Dubai, UAE	26 (1.7)	55 (1.5)
Andalusia, Spain	24 (1.7)	55 (1.9)
Norway (4)	19 (1.7) ▼	54 (2.4)
Buenos Aires, Argentina	16 (1.8) ▼	37 (2.2) ▼
Abu Dhabi, UAE	9 (1.4) ▼	36 (1.9) ▼
Eng/Afr/Zulu - RSA (5)	7 (1.7) ▼	22 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41I12M (Icelandic Horses): Why is there only one type of horse in Iceland
Multiple Choice (Key is D)

Country	Percent Correct	
Latvia	73 (1.8)	▲
Bulgaria	73 (2.8)	▲
Finland	71 (1.7)	▲
Northern Ireland	69 (2.2)	▲
Ireland	69 (2.2)	▲
Singapore	68 (1.7)	▲
Hong Kong SAR	68 (2.5)	▲
Kazakhstan	68 (2.3)	▲
Russian Federation	66 (2.1)	▲
Chinese Taipei	66 (2.0)	▲
Sweden	66 (2.0)	▲
Slovak Republic	65 (2.0)	▲
Norway (5)	64 (2.1)	▲
Slovenia	64 (2.4)	▲
Hungary	63 (2.1)	▲
England	62 (2.1)	▲
Poland	62 (2.4)	▲
Lithuania	62 (2.6)	▲
Macao SAR	62 (2.0)	▲
Canada	61 (1.4)	▲
Italy	60 (2.1)	▲
Denmark	59 (2.3)	
Austria	59 (1.9)	
Netherlands	58 (2.0)	
Czech Republic	58 (2.2)	
France	58 (2.4)	
Portugal	57 (1.7)	
United States	56 (2.4)	
International Avg.	55 (0.3)	
Australia	55 (2.0)	
Germany	55 (2.1)	
Spain	55 (1.6)	
Azerbaijan	52 (2.5)	
New Zealand	51 (2.0)	▼
Israel	49 (2.5)	▼
Chile	44 (2.3)	▼
Malta	44 (1.7)	▼
Belgium (French)	43 (2.2)	▼
Georgia	42 (2.4)	▼
Belgium (Flemish)	41 (2.0)	▼
Bahrain	40 (1.7)	▼
Saudi Arabia	38 (2.5)	▼
United Arab Emirates	38 (1.4)	▼
Trinidad and Tobago	37 (2.0)	▼
Qatar	36 (1.3)	▼
Oman	33 (1.7)	▼
Iran, Islamic Rep. of	29 (2.2)	▼
Morocco	26 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	70 (1.8)	▲
Quebec, Canada	65 (2.4)	▲
Madrid, Spain	63 (2.2)	▲
Ontario, Canada	62 (2.8)	▲
Andalusia, Spain	55 (2.4)	
Dubai, UAE	50 (1.9)	▼
Norway (4)	50 (2.5)	▼
Buenos Aires, Argentina	48 (2.2)	▼
Abu Dhabi, UAE	30 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	27 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I13C (Icelandic Horses): How do people use Icelandic horses in the present
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	82 (1.7)	▲
Poland	71 (2.1)	▲
Finland	69 (1.8)	▲
Russian Federation	68 (1.7)	▲
Latvia	67 (2.3)	▲
Sweden	64 (1.8)	▲
Hong Kong SAR	64 (2.8)	▲
Kazakhstan	64 (2.1)	▲
Italy	61 (2.0)	▲
Bulgaria	61 (2.7)	▲
Czech Republic	59 (1.9)	▲
Singapore	56 (1.7)	▲
Hungary	56 (2.3)	▲
Chinese Taipei	56 (2.0)	▲
Lithuania	55 (2.4)	▲
Germany	52 (2.1)	▲
Northern Ireland	51 (2.1)	▲
Austria	50 (2.1)	
Ireland	50 (2.4)	
Spain	49 (1.7)	
England	49 (2.1)	
Macao SAR	49 (2.0)	
Canada	47 (1.6)	
Slovak Republic	47 (2.3)	
Israel	47 (2.1)	
International Avg.	47 (0.3)	
Netherlands	46 (2.8)	
Denmark	45 (2.1)	
United States	45 (2.4)	
Australia	41 (1.8)	▼
Georgia	40 (2.8)	▼
Azerbaijan	39 (2.5)	▼
France	39 (2.4)	▼
New Zealand	38 (1.8)	▼
Chile	37 (2.3)	▼
Slovenia	37 (2.3)	▼
Belgium (French)	35 (2.0)	▼
Malta	34 (1.8)	▼
Iran, Islamic Rep. of	32 (2.4)	▼
Portugal	32 (2.3)	▼
Bahrain	31 (1.6)	▼
Belgium (Flemish)	30 (1.8)	▼
United Arab Emirates	30 (1.3)	▼
Qatar	29 (1.2)	▼
Trinidad and Tobago	28 (2.2)	▼
Saudi Arabia	25 (2.3)	▼
Oman	24 (1.5)	▼
Morocco	16 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	75 (1.8)	▲
Norway (4)	67 (2.3)	▲
Madrid, Spain	59 (2.4)	▲
Quebec, Canada	56 (3.3)	▲
Andalusia, Spain	50 (2.0)	
Ontario, Canada	46 (3.0)	
Dubai, UAE	44 (1.9)	
Eng/Afr/Zulu - RSA (5)	23 (1.8)	▼
Buenos Aires, Argentina	23 (1.8)	▼
Abu Dhabi, UAE	21 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I14C (Icelandic Horses): The writer has a good opinion of horses
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	62 (2.1)	▲
Kazakhstan	58 (2.1)	▲
Bulgaria	54 (3.0)	▲
Northern Ireland	42 (2.4)	▲
Latvia	41 (2.6)	▲
Lithuania	41 (2.2)	▲
Russian Federation	41 (1.9)	▲
Poland	39 (2.3)	▲
Singapore	38 (1.5)	▲
Netherlands	38 (2.2)	▲
Georgia	36 (2.3)	▲
Belgium (Flemish)	36 (1.8)	▲
England	36 (2.0)	▲
Hungary	34 (2.0)	▲
Ireland	33 (2.5)	
Slovenia	33 (2.5)	
Chinese Taipei	32 (1.8)	▲
Italy	31 (2.2)	
Australia	31 (2.2)	
Denmark	31 (2.1)	
United States	31 (2.0)	
Israel	31 (1.8)	
Spain	30 (1.4)	
Macao SAR	30 (1.8)	
Finland	30 (2.0)	
Sweden	30 (2.2)	
New Zealand	29 (1.6)	
International Avg.	28 (0.3)	
Hong Kong SAR	26 (1.7)	
Canada	26 (1.3)	▼
Portugal	25 (2.2)	
Austria	25 (1.7)	▼
United Arab Emirates	21 (1.0)	▼
Slovak Republic	21 (1.6)	▼
Bahrain	20 (1.4)	▼
Germany	20 (1.7)	▼
Chile	19 (1.7)	▼
Czech Republic	18 (1.4)	▼
Azerbaijan	16 (1.4)	▼
Iran, Islamic Rep. of	15 (1.7)	▼
Malta	15 (1.4)	▼
France	13 (1.4)	▼
Trinidad and Tobago	13 (1.4)	▼
Qatar	12 (0.9)	▼
Saudi Arabia	12 (1.5)	▼
Belgium (French)	12 (1.3)	▼
Oman	10 (0.8)	▼
Morocco	2 (0.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	63 (2.2)	▲
Norway (4)	50 (2.4)	▲
Madrid, Spain	37 (1.9)	▲
Andalusia, Spain	30 (2.2)	
Dubai, UAE	30 (1.5)	
Ontario, Canada	28 (2.1)	
Quebec, Canada	26 (2.6)	
Buenos Aires, Argentina	17 (1.7)	▼
Abu Dhabi, UAE	16 (1.4)	▼
Eng/Afr/Zulu - RSA (5)	9 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41I15C (Icelandic Horses): Lead to the development Icelandic horse
Constructed Response (1 Point)

Country	Percent Correct	
Poland	56 (2.1)	▲
Bulgaria	56 (3.0)	▲
Singapore	54 (1.7)	▲
Russian Federation	51 (2.2)	▲
Norway (5)	47 (2.4)	▲
Hong Kong SAR	47 (2.4)	▲
Kazakhstan	46 (2.1)	▲
Latvia	46 (2.3)	▲
Finland	45 (1.8)	▲
Lithuania	44 (2.6)	▲
Slovak Republic	43 (1.8)	▲
Spain	41 (1.5)	▲
Slovenia	39 (1.6)	▲
Czech Republic	38 (2.2)	▲
Italy	38 (2.0)	▲
Sweden	38 (2.5)	▲
Chinese Taipei	36 (2.1)	▲
Belgium (Flemish)	36 (1.4)	▲
Ireland	35 (2.5)	
Australia	34 (2.2)	
Canada	34 (1.3)	
Hungary	34 (1.9)	
Macao SAR	33 (1.8)	
England	32 (2.0)	
Israel	32 (2.1)	
United States	32 (1.9)	
International Avg.	32 (0.3)	
Germany	32 (1.9)	
Denmark	32 (2.0)	
Netherlands	31 (2.3)	
Northern Ireland	31 (1.7)	
Georgia	30 (2.2)	
Austria	30 (2.5)	
Portugal	26 (1.9)	▼
New Zealand	25 (1.6)	▼
Bahrain	23 (1.5)	▼
France	21 (2.3)	▼
Belgium (French)	21 (1.6)	▼
Chile	21 (2.0)	▼
United Arab Emirates	20 (1.0)	▼
Azerbaijan	18 (2.0)	▼
Saudi Arabia	16 (1.7)	▼
Malta	14 (1.3)	▼
Oman	13 (1.3)	▼
Trinidad and Tobago	13 (1.5)	▼
Qatar	9 (0.9)	▼
Iran, Islamic Rep. of	7 (1.9)	▼
Morocco	2 (0.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	59 (1.9)	▲
Madrid, Spain	51 (1.9)	▲
Andalusia, Spain	41 (2.1)	▲
Ontario, Canada	34 (2.3)	
Quebec, Canada	33 (2.9)	
Norway (4)	33 (2.1)	
Dubai, UAE	28 (1.6)	▼
Abu Dhabi, UAE	14 (1.4)	▼
Buenos Aires, Argentina	12 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	10 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L01M (Leonardo da Vinci): Leonardo's occupation
Multiple Choice (Key is C)

Country	Percent Correct	
Belgium (Flemish)	98 (0.4)	▲
Lithuania	98 (0.6)	▲
Slovenia	98 (0.6)	▲
Netherlands	98 (0.6)	▲
Kazakhstan	97 (0.7)	▲
Italy	97 (0.7)	▲
Chinese Taipei	97 (0.8)	▲
Ireland	96 (1.1)	▲
Russian Federation	96 (1.0)	▲
Latvia	95 (0.9)	▲
Austria	95 (0.7)	▲
Bulgaria	94 (1.1)	▲
Singapore	94 (0.7)	▲
Macao SAR	94 (0.8)	▲
Germany	94 (1.2)	▲
Poland	93 (1.3)	▲
Malta	93 (1.0)	▲
Spain	93 (1.0)	▲
Northern Ireland	92 (1.0)	▲
Hong Kong SAR	92 (1.4)	▲
Israel	92 (1.2)	▲
Georgia	91 (1.5)	
England	91 (0.9)	▲
Norway (5)	90 (1.3)	
Azerbaijan	90 (1.6)	
Iran, Islamic Rep. of	90 (1.7)	
Czech Republic	90 (1.2)	
Slovak Republic	88 (1.5)	
International Avg.	88 (0.2)	
Sweden	87 (1.3)	
Finland	86 (1.5)	
Canada	85 (1.1)	▼
Denmark	85 (1.6)	▼
New Zealand	84 (1.6)	▼
Belgium (French)	83 (1.7)	▼
Hungary	83 (1.5)	▼
Portugal	82 (1.4)	▼
Australia	82 (1.6)	▼
Bahrain	80 (1.8)	▼
France	80 (2.1)	▼
Qatar	79 (1.0)	▼
United States	78 (1.6)	▼
Trinidad and Tobago	77 (1.6)	▼
United Arab Emirates	77 (1.2)	▼
Oman	76 (1.2)	▼
Morocco	76 (2.4)	▼
Saudi Arabia	72 (2.1)	▼
Chile	67 (1.8)	▼
Benchmarking Participants		
Andalusia, Spain	97 (0.8)	▲
Madrid, Spain	97 (0.8)	▲
Moscow City, Russian Fed.	97 (0.7)	▲
Quebec, Canada	91 (1.5)	▲
Dubai, UAE	88 (1.0)	
Ontario, Canada	86 (1.8)	
Norway (4)	84 (1.8)	▼
Buenos Aires, Argentina	78 (1.5)	▼
Eng/Afr/Zulu - RSA (5)	75 (2.0)	▼
Abu Dhabi, UAE	68 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L02M (Leonardo da Vinci): Leonardo's childhood experience
Multiple Choice (Key is B)

Country	Percent Correct	
Czech Republic	66 (1.8)	▲
Austria	65 (2.1)	▲
Italy	65 (1.8)	▲
Singapore	63 (1.3)	▲
Macao SAR	62 (2.0)	▲
Ireland	62 (2.0)	▲
Israel	61 (2.0)	▲
Northern Ireland	60 (1.9)	▲
Germany	60 (1.8)	▲
Sweden	59 (2.1)	▲
Slovenia	58 (2.6)	▲
Russian Federation	58 (1.8)	▲
Finland	57 (2.6)	▲
Hungary	57 (2.2)	▲
Netherlands	57 (2.2)	▲
Portugal	56 (2.4)	
Latvia	55 (1.7)	
England	55 (2.1)	
Kazakhstan	54 (2.0)	
Canada	54 (1.5)	
Norway (5)	54 (2.4)	
Bulgaria	53 (2.2)	
Australia	53 (1.9)	
Denmark	53 (2.4)	
International Avg.	52 (0.3)	
Hong Kong SAR	52 (2.3)	
Belgium (Flemish)	52 (1.9)	
New Zealand	51 (2.1)	
Spain	51 (1.3)	
Qatar	50 (1.3)	
Poland	50 (2.6)	
Lithuania	50 (2.2)	
United States	49 (2.0)	
United Arab Emirates	49 (1.4)	
Chinese Taipei	49 (2.3)	
Trinidad and Tobago	49 (2.2)	
France	49 (2.0)	
Bahrain	49 (1.7)	▼
Slovak Republic	48 (2.3)	
Azerbaijan	46 (1.9)	▼
Georgia	46 (2.8)	▼
Belgium (French)	45 (2.3)	▼
Saudi Arabia	41 (2.4)	▼
Chile	40 (2.2)	▼
Oman	40 (1.5)	▼
Malta	37 (1.5)	▼
Morocco	36 (2.2)	▼
Iran, Islamic Rep. of	26 (2.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	65 (1.9)	▲
Dubai, UAE	59 (1.7)	▲
Madrid, Spain	56 (2.0)	
Quebec, Canada	54 (2.5)	
Ontario, Canada	54 (2.4)	
Buenos Aires, Argentina	52 (2.2)	
Andalusia, Spain	48 (2.0)	▼
Abu Dhabi, UAE	43 (1.7)	▼
Norway (4)	42 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	37 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L03C (Leonardo da Vinci): Reason Verrocchio was famous
Constructed Response (1 Point)

Country	Percent Correct	
Lithuania	82 (1.8)	▲
Poland	80 (1.8)	▲
Russian Federation	80 (1.7)	▲
Israel	79 (1.6)	▲
Italy	79 (1.6)	▲
Ireland	76 (1.9)	▲
Norway (5)	74 (2.1)	▲
Bulgaria	73 (2.1)	▲
Northern Ireland	72 (2.2)	▲
Spain	71 (1.6)	▲
France	71 (1.9)	▲
Singapore	71 (1.7)	▲
Finland	70 (2.1)	▲
England	69 (2.0)	▲
Canada	68 (1.3)	▲
Hungary	67 (2.3)	▲
Belgium (French)	66 (2.0)	▲
Macao SAR	66 (2.2)	
Slovak Republic	66 (1.8)	
Czech Republic	65 (1.7)	
Chile	65 (2.3)	
Georgia	65 (2.3)	
Sweden	65 (2.3)	
Hong Kong SAR	65 (2.5)	
Austria	65 (2.2)	
United States	64 (2.1)	
Slovenia	64 (2.3)	
Germany	64 (1.9)	
Belgium (Flemish)	63 (2.0)	
Netherlands	62 (2.3)	
International Avg.	62 (0.3)	
Portugal	62 (1.9)	
Latvia	61 (1.9)	
Denmark	61 (2.1)	
Australia	61 (1.9)	
New Zealand	57 (2.1)	▼
Kazakhstan	57 (1.8)	▼
Trinidad and Tobago	57 (2.2)	▼
Chinese Taipei	54 (1.8)	▼
Iran, Islamic Rep. of	51 (2.6)	▼
Malta	46 (2.0)	▼
Azerbaijan	45 (2.3)	▼
United Arab Emirates	45 (1.5)	▼
Qatar	44 (1.4)	▼
Bahrain	40 (1.7)	▼
Oman	40 (1.8)	▼
Morocco	33 (2.1)	▼
Saudi Arabia	31 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	85 (1.4)	▲
Madrid, Spain	73 (1.6)	▲
Quebec, Canada	69 (2.6)	▲
Ontario, Canada	69 (2.4)	▲
Andalusia, Spain	66 (1.9)	▲
Buenos Aires, Argentina	65 (2.0)	
Dubai, UAE	63 (1.4)	
Norway (4)	63 (2.2)	
Eng/Afr/Zulu - RSA (5)	37 (2.3)	▼
Abu Dhabi, UAE	34 (2.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L04C (Leonardo da Vinci): What Leo learned from Verrocchio
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Poland	24 (2.1) ▲	47 (2.4) ▲	93 (1.1) ▲
Kazakhstan	24 (1.9) ▲	44 (1.9) ▲	75 (1.4) ▼
Hungary	22 (1.9) ▲	35 (2.3) ▲	87 (1.6) ▲
Northern Ireland	20 (1.8) ▲	36 (2.0) ▲	89 (1.5) ▲
Slovenia	19 (1.8) ▲	49 (2.4) ▲	82 (1.6)
Ireland	19 (1.7) ▲	36 (2.1) ▲	92 (1.0) ▲
Singapore	17 (1.2) ▲	34 (1.7) ▲	91 (1.2) ▲
England	17 (1.5) ▲	38 (1.8) ▲	87 (1.3) ▲
Canada	17 (1.0) ▲	31 (1.4) ▲	85 (1.1) ▲
Netherlands	16 (1.7) ▲	33 (2.2) ▲	88 (1.3) ▲
United States	16 (1.7) ▲	30 (2.2)	81 (1.5)
Slovak Republic	16 (1.6) ▲	32 (2.0) ▲	90 (1.2) ▲
Latvia	15 (1.5) ▲	38 (1.8) ▲	90 (1.8) ▲
Chile	15 (1.7)	37 (1.9) ▲	83 (1.6)
Norway (5)	14 (1.5)	48 (2.0) ▲	93 (1.2) ▲
Finland	14 (1.5)	28 (2.1)	88 (1.1) ▲
Israel	14 (1.3)	26 (1.8)	89 (1.0) ▲
Russian Federation	14 (1.1)	28 (1.8)	97 (0.6) ▲
Australia	13 (1.3)	38 (1.6) ▲	83 (1.4)
Saudi Arabia	12 (1.4)	35 (1.7) ▲	71 (1.5) ▼
International Avg.	12 (0.2)	27 (0.3)	82 (0.2)
Lithuania	11 (1.6)	23 (2.0) ▼	92 (1.2) ▲
Qatar	11 (0.9)	24 (1.3) ▼	63 (1.2) ▼
Chinese Taipei	11 (1.3)	27 (1.7)	91 (1.2) ▲
Germany	11 (1.3)	27 (2.0)	86 (2.0) ▲
New Zealand	11 (1.2)	23 (1.6) ▼	81 (1.4)
Bulgaria	10 (1.1) ▼	38 (2.2) ▲	84 (1.9)
Sweden	10 (1.2)	26 (2.0)	86 (1.8) ▲
Czech Republic	9 (1.0) ▼	24 (1.5) ▼	83 (1.4)
Austria	9 (1.3)	25 (2.0)	88 (1.5) ▲
Belgium (Flemish)	9 (1.2) ▼	23 (1.9) ▼	90 (1.1) ▲
Spain	9 (0.9) ▼	22 (1.4) ▼	86 (1.7) ▲
Morocco	9 (1.2) ▼	16 (1.6) ▼	29 (2.3) ▼
Macao SAR	9 (1.2) ▼	21 (1.6) ▼	85 (1.3) ▲
Trinidad and Tobago	9 (1.2) ▼	28 (2.1)	73 (1.9) ▼
Italy	8 (1.2) ▼	19 (1.8) ▼	92 (1.2) ▲
Denmark	8 (1.1) ▼	24 (1.8)	86 (1.4) ▲
Hong Kong SAR	7 (1.2) ▼	22 (2.3) ▼	81 (2.3)
Portugal	7 (1.1) ▼	19 (2.1) ▼	87 (1.4) ▲
Oman	7 (0.9) ▼	18 (1.5) ▼	58 (1.7) ▼
France	6 (0.9) ▼	16 (1.6) ▼	83 (1.7)
Georgia	6 (1.1) ▼	13 (1.7) ▼	74 (1.8) ▼
Belgium (French)	6 (0.9) ▼	13 (1.5) ▼	83 (1.6)
United Arab Emirates	6 (0.6) ▼	14 (0.9) ▼	71 (1.3) ▼
Bahrain	5 (0.7) ▼	18 (1.3) ▼	65 (1.7) ▼
Iran, Islamic Rep. of	5 (1.1) ▼	16 (1.8) ▼	67 (2.8) ▼
Malta	4 (0.9) ▼	19 (1.7) ▼	77 (1.4) ▼
Azerbaijan	2 (0.4) ▼	9 (0.9) ▼	64 (2.0) ▼

Benchmarking Participants

Quebec, Canada	20 (2.1) ▲	34 (2.3) ▲	90 (1.7) ▲
Moscow City, Russian Fed.	19 (1.6) ▲	39 (2.1) ▲	97 (0.8) ▲
Ontario, Canada	17 (1.9) ▲	32 (2.8)	85 (1.6) ▲
Dubai, UAE	11 (0.8)	29 (1.9)	83 (1.1)
Buenos Aires, Argentina	9 (1.3)	21 (1.9) ▼	70 (2.3) ▼
Madrid, Spain	9 (1.0) ▼	22 (1.9) ▼	90 (1.4) ▲
Norway (4)	8 (1.2) ▼	31 (1.9)	85 (1.7)
Eng/Afr/Zulu - RSA (5)	7 (1.3) ▼	21 (1.8) ▼	56 (2.7) ▼
Andalusia, Spain	6 (1.0) ▼	19 (1.6) ▼	85 (1.5) ▲
Abu Dhabi, UAE	2 (0.5) ▼	8 (0.9) ▼	62 (2.4) ▼

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R11L05M (Leonardo da Vinci): Meaning of "hungry for knowledge"
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	86 (1.2)	▲
United States	85 (1.4)	▲
Northern Ireland	83 (1.9)	▲
England	77 (1.6)	▲
Ireland	77 (1.8)	▲
Netherlands	76 (1.7)	▲
Australia	75 (1.9)	▲
Israel	74 (1.9)	▲
Bulgaria	69 (2.4)	▲
New Zealand	69 (1.6)	▲
Denmark	68 (2.4)	▲
Finland	68 (1.9)	▲
Canada	68 (1.4)	▲
Russian Federation	67 (2.3)	▲
Sweden	66 (2.4)	▲
Chile	64 (2.1)	▲
Slovenia	63 (2.2)	▲
Lithuania	61 (2.0)	▲
Poland	61 (2.5)	▲
Trinidad and Tobago	60 (2.3)	▲
Hong Kong SAR	57 (2.6)	
Georgia	56 (2.3)	
International Avg.	55 (0.3)	
Italy	53 (2.6)	
Azerbaijan	53 (2.2)	
United Arab Emirates	52 (1.8)	
Latvia	52 (1.9)	
Spain	52 (1.5)	▼
Qatar	51 (1.5)	▼
Macao SAR	51 (1.8)	▼
Belgium (Flemish)	50 (2.0)	▼
Czech Republic	48 (2.0)	▼
Norway (5)	48 (2.3)	▼
Portugal	48 (1.7)	▼
Kazakhstan	44 (2.3)	▼
Bahrain	43 (1.7)	▼
Iran, Islamic Rep. of	42 (2.6)	▼
Oman	41 (1.5)	▼
Germany	41 (2.0)	▼
Austria	40 (1.9)	▼
Chinese Taipei	40 (2.0)	▼
Hungary	40 (2.0)	▼
Slovak Republic	36 (2.1)	▼
Saudi Arabia	35 (1.9)	▼
France	29 (2.1)	▼
Morocco	27 (2.1)	▼
Malta	26 (1.8)	▼
Belgium (French)	22 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	84 (1.7)	▲
Ontario, Canada	74 (2.9)	▲
Dubai, UAE	71 (1.2)	▲
Madrid, Spain	60 (2.1)	▲
Quebec, Canada	51 (2.8)	
Andalusia, Spain	50 (2.2)	▼
Abu Dhabi, UAE	46 (2.6)	▼
Norway (4)	36 (2.2)	▼
Buenos Aires, Argentina	36 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	36 (2.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L06C (Leonardo da Vinci): Importance of Leonardo's notebooks
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	76 (1.8)	▲
Northern Ireland	71 (1.8)	▲
Israel	67 (1.9)	▲
Canada	66 (1.4)	▲
Bulgaria	65 (2.4)	▲
Latvia	63 (2.3)	▲
England	62 (1.8)	▲
Singapore	61 (1.8)	▲
United States	60 (2.0)	▲
Russian Federation	59 (2.0)	▲
Slovak Republic	54 (2.2)	▲
Sweden	54 (2.2)	▲
Denmark	54 (2.3)	▲
Germany	53 (2.3)	▲
Austria	53 (1.9)	▲
Belgium (Flemish)	53 (2.1)	▲
Kazakhstan	51 (2.1)	▲
New Zealand	51 (1.8)	▲
Ireland	50 (2.3)	
Hong Kong SAR	50 (2.6)	
Hungary	49 (2.3)	
Belgium (French)	49 (1.9)	
Malta	47 (2.0)	
Portugal	47 (2.5)	
International Avg.	46 (0.3)	
Czech Republic	46 (2.0)	
Slovenia	46 (2.3)	
Georgia	45 (2.7)	
Italy	44 (1.9)	
Finland	43 (2.1)	
Trinidad and Tobago	43 (2.1)	
Poland	42 (1.9)	▼
Australia	41 (1.9)	▼
Spain	40 (1.5)	▼
Chinese Taipei	40 (1.9)	▼
France	40 (1.8)	▼
United Arab Emirates	38 (1.4)	▼
Netherlands	35 (2.0)	▼
Chile	34 (2.2)	▼
Macao SAR	33 (2.0)	▼
Qatar	32 (1.4)	▼
Lithuania	32 (1.9)	▼
Azerbaijan	31 (1.9)	▼
Saudi Arabia	31 (2.0)	▼
Oman	27 (1.3)	▼
Bahrain	26 (1.6)	▼
Iran, Islamic Rep. of	23 (1.8)	▼
Morocco	8 (1.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	84 (1.4)	▲
Quebec, Canada	66 (2.3)	▲
Ontario, Canada	64 (2.8)	▲
Norway (4)	59 (2.2)	▲
Dubai, UAE	55 (1.6)	▲
Madrid, Spain	44 (2.3)	
Andalusia, Spain	39 (2.1)	▼
Buenos Aires, Argentina	30 (2.1)	▼
Abu Dhabi, UAE	28 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	22 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L07M (Leonardo da Vinci): Why Leo didn't see inventions used
Multiple Choice (Key is C)

Country	Percent Correct	
Russian Federation	76 (1.9)	▲
Lithuania	67 (2.3)	▲
Finland	64 (2.0)	▲
Norway (5)	63 (2.0)	▲
Hong Kong SAR	62 (2.6)	▲
Chinese Taipei	61 (1.9)	▲
Bulgaria	61 (2.5)	▲
Israel	59 (1.9)	▲
Singapore	58 (1.7)	▲
Northern Ireland	58 (2.1)	▲
Belgium (Flemish)	57 (1.8)	▲
Sweden	56 (2.2)	▲
Portugal	56 (2.2)	▲
Canada	56 (1.5)	▲
Hungary	56 (2.4)	▲
Netherlands	54 (2.1)	▲
Ireland	54 (2.3)	▲
England	53 (1.6)	▲
Azerbaijan	53 (2.3)	▲
United States	53 (2.2)	▲
France	53 (2.3)	▲
Slovak Republic	52 (1.8)	▲
Italy	52 (2.6)	▲
Latvia	51 (2.7)	▲
Macao SAR	50 (1.9)	▲
Belgium (French)	50 (2.2)	▲
Australia	50 (2.0)	▲
Czech Republic	49 (1.8)	▲
International Avg.	48 (0.3)	
New Zealand	48 (1.7)	▲
Kazakhstan	47 (2.3)	▲
Spain	47 (1.5)	▲
Poland	47 (2.3)	▲
Georgia	46 (2.8)	▲
Slovenia	45 (2.0)	▲
Denmark	40 (2.4)	▼
Trinidad and Tobago	40 (2.2)	▼
United Arab Emirates	38 (1.3)	▼
Austria	36 (1.7)	▼
Germany	35 (1.9)	▼
Bahrain	32 (1.9)	▼
Malta	31 (1.7)	▼
Oman	30 (1.5)	▼
Qatar	30 (1.1)	▼
Morocco	26 (1.7)	▼
Chile	26 (1.6)	▼
Iran, Islamic Rep. of	25 (1.9)	▼
Saudi Arabia	23 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	86 (1.4)	▲
Quebec, Canada	63 (2.9)	▲
Ontario, Canada	55 (2.5)	▲
Madrid, Spain	52 (2.0)	▲
Buenos Aires, Argentina	52 (2.2)	▲
Dubai, UAE	51 (1.3)	▲
Andalusia, Spain	50 (1.9)	▲
Norway (4)	48 (2.3)	▲
Abu Dhabi, UAE	32 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	26 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L08C (Leonardo da Vinci): What Leonardo studied in nature
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Poland	40 (2.0) ▲	85 (1.9) ▲
Chinese Taipei	32 (1.8) ▲	70 (1.9) ▲
Austria	30 (1.9) ▲	84 (1.6) ▲
Ireland	26 (1.8) ▲	69 (1.9) ▲
Northern Ireland	26 (2.0) ▲	70 (2.3) ▲
Canada	25 (1.4) ▲	65 (1.3) ▲
Singapore	25 (1.5) ▲	69 (1.5) ▲
Italy	24 (1.8) ▲	72 (1.8) ▲
Hungary	24 (2.1) ▲	70 (2.5) ▲
Australia	23 (1.8) ▲	62 (2.0)
Norway (5)	23 (2.0) ▲	84 (1.6) ▲
Russian Federation	23 (1.8) ▲	82 (1.4) ▲
United States	22 (1.7) ▲	65 (1.9) ▲
England	22 (1.7) ▲	58 (1.9)
Israel	22 (1.7) ▲	68 (1.8) ▲
Portugal	21 (1.7) ▲	70 (1.9) ▲
Germany	21 (1.6) ▲	64 (2.3)
Latvia	20 (1.8)	62 (2.0)
New Zealand	20 (1.6)	52 (1.8) ▼
Hong Kong SAR	19 (1.8)	60 (2.2)
Denmark	18 (1.9)	71 (2.3) ▲
Slovenia	18 (2.0)	73 (2.1) ▲
International Avg.	17 (0.2)	60 (0.3)
Netherlands	17 (1.5)	75 (1.7) ▲
Bulgaria	16 (1.5)	67 (2.4) ▲
Sweden	16 (1.6)	75 (2.0) ▲
Kazakhstan	15 (1.4)	44 (1.9) ▼
Macao SAR	15 (1.4)	56 (1.9) ▼
Czech Republic	14 (1.4)	63 (1.9)
Slovak Republic	14 (1.6)	69 (2.2) ▲
Belgium (Flemish)	14 (1.3) ▼	70 (2.0) ▲
Finland	14 (1.0) ▼	76 (1.7) ▲
Lithuania	13 (1.5) ▼	70 (2.3) ▲
France	12 (1.4) ▼	59 (2.1)
Qatar	11 (1.0) ▼	39 (1.4) ▼
Spain	11 (1.3) ▼	65 (1.7) ▲
Trinidad and Tobago	10 (1.3) ▼	46 (2.2) ▼
Chile	10 (1.1) ▼	45 (2.0) ▼
United Arab Emirates	10 (0.7) ▼	42 (1.5) ▼
Iran, Islamic Rep. of	9 (1.6) ▼	43 (3.1) ▼
Belgium (French)	9 (1.8) ▼	52 (1.9) ▼
Bahrain	7 (0.7) ▼	36 (1.5) ▼
Saudi Arabia	7 (0.8) ▼	39 (1.9) ▼
Oman	6 (0.8) ▼	35 (1.7) ▼
Malta	6 (0.7) ▼	41 (1.8) ▼
Georgia	4 (0.7) ▼	37 (2.1) ▼
Azerbaijan	3 (0.6) ▼	44 (2.3) ▼
Morocco	2 (0.5) ▼	11 (1.4) ▼

Benchmarking Participants

Moscow City, Russian Fed.	37 (2.0) ▲	87 (1.3) ▲
Ontario, Canada	26 (2.7) ▲	65 (2.1) ▲
Quebec, Canada	24 (2.6) ▲	70 (2.5) ▲
Dubai, UAE	19 (1.5)	58 (1.7)
Madrid, Spain	14 (1.6)	70 (1.8) ▲
Norway (4)	14 (1.6)	70 (2.2) ▲
Buenos Aires, Argentina	10 (1.3) ▼	51 (2.0) ▼
Andalusia, Spain	8 (1.1) ▼	64 (1.6) ▲
Abu Dhabi, UAE	5 (0.9) ▼	30 (2.1) ▼
Eng/Afr/Zulu - RSA (5)	5 (1.0) ▼	24 (2.5) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R11L09M (Leonardo da Vinci): Year parachute first used
Multiple Choice (Key is C)

Country	Percent Correct	
Russian Federation	96 (0.7)	▲
Macao SAR	94 (1.0)	▲
Hong Kong SAR	93 (2.0)	▲
Portugal	93 (1.1)	▲
Latvia	92 (1.2)	▲
Netherlands	91 (1.3)	▲
Italy	91 (1.1)	▲
Kazakhstan	91 (1.1)	▲
Singapore	91 (1.0)	▲
Lithuania	91 (1.2)	▲
Chinese Taipei	91 (1.3)	▲
Poland	90 (1.3)	▲
Belgium (Flemish)	90 (1.2)	▲
Slovenia	89 (1.5)	▲
Czech Republic	88 (1.3)	▲
Sweden	87 (1.7)	▲
Bulgaria	87 (1.9)	▲
Finland	86 (1.2)	▲
Hungary	86 (2.0)	▲
Austria	86 (1.4)	▲
Germany	85 (1.8)	▲
Georgia	85 (2.4)	
Norway (5)	84 (1.7)	
Spain	83 (1.3)	
Israel	83 (1.5)	
Azerbaijan	83 (1.4)	
Malta	83 (1.4)	
Ireland	83 (1.7)	
Northern Ireland	82 (2.0)	
United States	82 (1.6)	
International Avg.	81 (0.2)	
France	81 (1.5)	
England	81 (1.6)	
Slovak Republic	80 (1.9)	
Denmark	80 (2.4)	
Australia	77 (1.6)	▼
Chile	77 (2.1)	▼
Canada	76 (1.5)	▼
Bahrain	76 (1.8)	▼
Belgium (French)	75 (2.0)	▼
New Zealand	71 (1.7)	▼
Trinidad and Tobago	67 (2.0)	▼
United Arab Emirates	65 (1.5)	▼
Oman	65 (1.7)	▼
Iran, Islamic Rep. of	64 (2.9)	▼
Qatar	61 (1.3)	▼
Morocco	50 (2.6)	▼
Saudi Arabia	46 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	98 (0.5)	▲
Madrid, Spain	88 (1.4)	▲
Quebec, Canada	86 (2.2)	▲
Andalusia, Spain	82 (1.6)	
Dubai, UAE	78 (1.2)	▼
Buenos Aires, Argentina	77 (2.5)	
Norway (4)	75 (1.9)	▼
Ontario, Canada	72 (3.1)	▼
Abu Dhabi, UAE	56 (2.5)	▼
Eng/Afr/Zulu - RSA (5)	51 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L10C (Leonardo da Vinci): How Leonardo was ahead of his time
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hungary	41 (2.4) ▲	76 (2.3) ▲
Russian Federation	38 (2.0) ▲	82 (1.5) ▲
Poland	37 (1.9) ▲	70 (1.9) ▲
England	34 (1.9) ▲	58 (2.0) ▲
Hong Kong SAR	33 (2.7) ▲	69 (3.1) ▲
Singapore	32 (1.6) ▲	60 (1.7) ▲
Slovenia	31 (2.0) ▲	66 (2.1) ▲
Denmark	30 (2.0) ▲	63 (2.0) ▲
United States	30 (2.0) ▲	59 (2.1) ▲
Canada	30 (1.1) ▲	54 (1.3) ▲
Bulgaria	29 (2.1) ▲	66 (2.1) ▲
Northern Ireland	28 (2.2) ▲	58 (2.4) ▲
Kazakhstan	27 (1.9) ▲	59 (2.2) ▲
Lithuania	26 (1.9) ▲	54 (2.3) ▲
Portugal	26 (1.9) ▲	66 (2.5) ▲
Latvia	24 (1.9) ▲	58 (2.4) ▲
Italy	24 (1.9)	62 (2.1) ▲
Chinese Taipei	24 (1.6)	74 (1.8) ▲
Israel	23 (1.5) ▲	50 (2.0)
France	23 (1.9)	54 (2.1)
Finland	23 (1.6)	65 (2.0) ▲
Ireland	23 (1.9)	59 (2.5) ▲
Sweden	21 (2.0)	52 (2.6)
International Avg.	20 (0.2)	51 (0.3)
New Zealand	20 (1.4)	44 (1.7) ▼
Norway (5)	19 (1.6)	41 (2.2) ▼
Netherlands	19 (1.8)	35 (1.8) ▼
Chile	18 (1.5)	49 (2.2)
Czech Republic	17 (1.6) ▼	62 (1.9) ▲
Australia	16 (1.6) ▼	62 (1.8) ▲
Georgia	16 (1.5) ▼	40 (2.8) ▼
Spain	15 (1.1) ▼	66 (1.5) ▲
Slovak Republic	15 (1.2) ▼	38 (1.7) ▼
Belgium (French)	15 (1.6) ▼	46 (2.6) ▼
Belgium (Flemish)	14 (1.3) ▼	37 (1.6) ▼
Macao SAR	13 (1.3) ▼	59 (1.7) ▲
United Arab Emirates	13 (1.0) ▼	34 (1.5) ▼
Azerbaijan	13 (1.5) ▼	37 (2.1) ▼
Qatar	13 (1.2) ▼	32 (1.4) ▼
Trinidad and Tobago	12 (1.5) ▼	34 (2.5) ▼
Austria	11 (1.4) ▼	31 (2.1) ▼
Germany	10 (1.3) ▼	37 (2.2) ▼
Bahrain	9 (1.2) ▼	37 (2.1) ▼
Iran, Islamic Rep. of	8 (1.3) ▼	38 (2.3) ▼
Saudi Arabia	8 (1.1) ▼	33 (1.9) ▼
Oman	7 (0.9) ▼	27 (1.7) ▼
Malta	4 (0.9) ▼	26 (1.9) ▼
Morocco	1 (0.4) ▼	8 (1.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	62 (1.9) ▲	90 (1.1) ▲
Quebec, Canada	33 (2.7) ▲	58 (3.0) ▲
Ontario, Canada	29 (2.4) ▲	52 (2.4)
Dubai, UAE	23 (1.5)	50 (1.7)
Madrid, Spain	20 (2.0)	68 (1.9) ▲
Buenos Aires, Argentina	19 (1.7)	49 (2.4)
Andalusia, Spain	12 (1.4) ▼	62 (2.0) ▲
Abu Dhabi, UAE	8 (1.3) ▼	26 (2.0) ▼
Norway (4)	8 (1.2) ▼	24 (1.5) ▼
Eng/Afr/Zulu - RSA (5)	8 (1.1) ▼	19 (1.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R11L11M (Leonardo da Vinci): Best different title for article
Multiple Choice (Key is D)

Country	Percent Correct	
Italy	91 (1.2)	▲
Netherlands	87 (1.7)	▲
Northern Ireland	84 (1.8)	▲
Poland	84 (2.0)	▲
Russian Federation	84 (1.4)	▲
Ireland	83 (1.6)	▲
Singapore	83 (1.4)	▲
Austria	82 (1.8)	▲
Latvia	80 (2.1)	▲
Sweden	78 (1.8)	▲
Hungary	78 (2.0)	▲
United States	78 (1.9)	▲
Germany	78 (1.9)	▲
England	78 (1.7)	▲
Canada	77 (1.4)	▲
Lithuania	77 (1.5)	▲
Slovenia	77 (2.0)	▲
Norway (5)	77 (2.1)	▲
Australia	76 (1.8)	▲
Czech Republic	75 (1.4)	▲
Finland	74 (1.9)	▲
Israel	73 (1.8)	▲
Spain	72 (1.4)	▲
Slovak Republic	72 (1.8)	
Portugal	72 (1.9)	
Belgium (Flemish)	72 (1.8)	
New Zealand	71 (2.0)	
Denmark	71 (2.0)	
Bulgaria	70 (1.8)	
International Avg.	69 (0.3)	
Chinese Taipei	68 (1.8)	
France	67 (1.6)	
Hong Kong SAR	65 (2.2)	
Chile	62 (1.8)	▼
Kazakhstan	61 (2.4)	▼
Iran, Islamic Rep. of	60 (2.5)	▼
Trinidad and Tobago	59 (2.0)	▼
Georgia	58 (2.1)	▼
Belgium (French)	55 (2.0)	▼
Azerbaijan	55 (2.2)	▼
Bahrain	55 (1.8)	▼
United Arab Emirates	53 (1.6)	▼
Qatar	49 (1.4)	▼
Saudi Arabia	46 (1.9)	▼
Macao SAR	46 (1.8)	▼
Oman	46 (1.8)	▼
Malta	44 (2.1)	▼
Morocco	29 (2.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	90 (1.4)	▲
Quebec, Canada	80 (2.1)	▲
Madrid, Spain	78 (1.8)	▲
Ontario, Canada	76 (2.0)	▲
Andalusia, Spain	72 (2.0)	
Dubai, UAE	70 (1.3)	
Buenos Aires, Argentina	66 (2.0)	
Norway (4)	60 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	51 (2.1)	▼
Abu Dhabi, UAE	44 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R11L12C (Leonardo da Vinci): Author's opinion of Leonardo
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	48 (1.8) ▲	85 (1.2) ▲
Northern Ireland	35 (2.2) ▲	87 (1.6) ▲
Norway (5)	35 (2.2) ▲	81 (1.8) ▲
England	33 (1.8) ▲	82 (1.6) ▲
Russian Federation	30 (1.8) ▲	88 (1.3) ▲
Kazakhstan	28 (1.8) ▲	66 (2.1)
Ireland	27 (2.3) ▲	81 (1.6) ▲
Chinese Taipei	26 (2.0) ▲	68 (1.8) ▲
Hungary	23 (2.0) ▲	72 (2.0) ▲
New Zealand	22 (1.7) ▲	67 (2.1)
Netherlands	22 (1.8) ▲	70 (2.2) ▲
Bulgaria	22 (2.0) ▲	77 (2.0) ▲
United States	21 (2.0)	73 (2.0) ▲
Hong Kong SAR	20 (2.0)	82 (2.4) ▲
Portugal	20 (1.8)	77 (2.1) ▲
Finland	20 (1.7)	69 (1.8) ▲
Georgia	20 (1.9)	63 (2.2)
Canada	20 (1.0) ▲	66 (1.2)
Austria	18 (1.4)	63 (2.0)
Slovak Republic	18 (1.6)	72 (2.0) ▲
Israel	18 (1.6)	64 (1.9)
Australia	18 (1.6)	73 (2.0) ▲
France	17 (1.7)	71 (1.9) ▲
International Avg.	17 (0.2)	64 (0.3)
Macao SAR	17 (1.2)	64 (2.1)
Spain	14 (1.0) ▼	66 (1.6)
Belgium (Flemish)	14 (1.6) ▼	64 (1.8)
United Arab Emirates	14 (0.8) ▼	48 (1.8) ▼
Qatar	13 (0.9) ▼	38 (1.4) ▼
Trinidad and Tobago	13 (1.6) ▼	51 (2.3) ▼
Bahrain	12 (1.3) ▼	41 (1.5) ▼
Czech Republic	12 (1.2) ▼	60 (2.2)
Germany	12 (1.3) ▼	48 (2.1) ▼
Latvia	12 (1.5) ▼	79 (1.9) ▲
Poland	12 (1.6) ▼	82 (1.6) ▲
Slovenia	11 (1.5) ▼	60 (2.5)
Oman	11 (1.0) ▼	35 (1.5) ▼
Denmark	11 (1.2) ▼	68 (2.3)
Lithuania	11 (1.3) ▼	77 (2.1) ▲
Saudi Arabia	10 (1.3) ▼	49 (2.2) ▼
Iran, Islamic Rep. of	10 (1.2) ▼	48 (2.6) ▼
Sweden	10 (1.2) ▼	61 (2.6)
Malta	10 (1.3) ▼	52 (1.8) ▼
Italy	10 (1.2) ▼	75 (1.9) ▲
Chile	5 (0.9) ▼	49 (1.9) ▼
Morocco	5 (1.0) ▼	15 (1.8) ▼
Belgium (French)	5 (0.9) ▼	36 (2.3) ▼
Azerbaijan	3 (0.5) ▼	36 (1.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	45 (2.4) ▲	93 (1.1) ▲
Dubai, UAE	25 (1.4) ▲	68 (1.6) ▲
Ontario, Canada	23 (1.7) ▲	69 (1.9) ▲
Madrid, Spain	21 (1.6)	76 (2.0) ▲
Andalusia, Spain	16 (1.7)	68 (1.9) ▲
Quebec, Canada	14 (1.7) ▼	58 (2.3) ▼
Norway (4)	14 (1.4) ▼	62 (2.2)
Abu Dhabi, UAE	9 (1.3) ▼	36 (2.2) ▼
Buenos Aires, Argentina	7 (1.2) ▼	45 (2.4) ▼
Eng/Afr/Zulu - RSA (5)	5 (0.9) ▼	30 (2.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R31W01C (Where's the Honey?): What the Boran and honeyguide eat
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hong Kong SAR	81 (1.6) ▲	93 (1.0) ▲
Singapore	74 (1.6) ▲	91 (0.9) ▲
Chinese Taipei	73 (1.8) ▲	90 (1.2) ▲
Russian Federation	73 (1.9) ▲	89 (1.3) ▲
Macao SAR	72 (1.5) ▲	89 (1.0) ▲
Northern Ireland	71 (2.1) ▲	92 (1.3) ▲
Ireland	71 (2.1) ▲	92 (1.3) ▲
Latvia	69 (2.3) ▲	92 (1.3) ▲
Austria	68 (2.1) ▲	91 (1.2) ▲
Poland	68 (2.3) ▲	85 (1.8) ▲
Czech Republic	67 (1.6) ▲	91 (1.1) ▲
Portugal	66 (2.0) ▲	91 (1.3) ▲
England	65 (1.9) ▲	87 (1.4) ▲
Norway (5)	65 (1.9) ▲	93 (1.0) ▲
Sweden	65 (1.9) ▲	92 (1.1) ▲
Bulgaria	65 (2.0) ▲	86 (1.8) ▲
Finland	65 (2.0) ▲	93 (0.9) ▲
Slovenia	65 (1.7) ▲	93 (0.9) ▲
Germany	62 (1.8) ▲	85 (1.9)
Canada	62 (1.7) ▲	87 (1.2) ▲
Italy	62 (2.1) ▲	92 (1.3) ▲
Lithuania	62 (2.4) ▲	89 (1.6) ▲
United States	62 (2.1) ▲	86 (1.4) ▲
Australia	61 (1.6) ▲	87 (1.2) ▲
Slovak Republic	60 (1.8) ▲	81 (1.6)
Netherlands	59 (2.2)	87 (1.4) ▲
Israel	56 (2.0)	83 (1.2)
Hungary	56 (2.4)	78 (2.0)
International Avg.	55 (0.3)	82 (0.2)
New Zealand	55 (1.8)	83 (1.4)
Spain	55 (1.5)	80 (1.6)
Denmark	53 (1.9)	88 (1.5) ▲
France	52 (2.3)	85 (1.3) ▲
Trinidad and Tobago	50 (2.4) ▼	78 (2.0)
Kazakhstan	49 (1.7) ▼	85 (1.4) ▲
Belgium (Flemish)	47 (2.1) ▼	82 (1.5)
Belgium (French)	46 (2.3) ▼	80 (1.6)
United Arab Emirates	38 (1.1) ▼	70 (1.0) ▼
Qatar	38 (1.7) ▼	65 (1.3) ▼
Malta	36 (1.8) ▼	68 (1.9) ▼
Chile	35 (2.2) ▼	68 (1.9) ▼
Bahrain	35 (1.9) ▼	66 (1.9) ▼
Georgia	31 (2.3) ▼	73 (2.3) ▼
Azerbaijan	31 (2.1) ▼	66 (2.2) ▼
Oman	27 (1.6) ▼	59 (1.6) ▼
Saudi Arabia	25 (2.1) ▼	62 (1.9) ▼
Iran, Islamic Rep. of	21 (1.9) ▼	48 (2.5) ▼
Morocco	16 (1.4) ▼	45 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	84 (1.6) ▲	96 (0.7) ▲
Quebec, Canada	64 (2.5) ▲	91 (1.3) ▲
Madrid, Spain	62 (2.2) ▲	89 (1.4) ▲
Dubai, UAE	59 (1.7) ▲	82 (1.2)
Ontario, Canada	58 (3.3)	83 (2.5)
Andalusia, Spain	53 (2.1)	83 (1.5)
Norway (4)	53 (2.3)	87 (1.4) ▲
Buenos Aires, Argentina	43 (2.0) ▼	78 (1.5) ▼
Abu Dhabi, UAE	31 (2.0) ▼	62 (2.3) ▼
Eng/Afr/Zulu - RSA (5)	27 (2.1) ▼	67 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W02C (Where's the Honey?): How the Boran and honeyguide help
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Finland	56 (2.2) ▲	80 (1.7) ▲
Singapore	54 (1.9) ▲	73 (1.6) ▲
Northern Ireland	52 (2.2) ▲	74 (1.9) ▲
Norway (5)	52 (2.1) ▲	69 (1.8) ▲
Czech Republic	52 (2.3) ▲	73 (1.8) ▲
Chinese Taipei	51 (2.1) ▲	75 (2.0) ▲
United States	51 (2.4) ▲	75 (1.8) ▲
Hong Kong SAR	51 (2.7) ▲	74 (2.0) ▲
Macao SAR	50 (1.9) ▲	75 (1.6) ▲
Ireland	49 (2.2) ▲	76 (1.7) ▲
Australia	47 (2.4) ▲	70 (2.1) ▲
Canada	47 (1.6) ▲	71 (1.6) ▲
England	47 (1.8) ▲	71 (1.6) ▲
Russian Federation	47 (1.9) ▲	67 (1.7) ▲
Lithuania	44 (2.3) ▲	69 (2.0) ▲
Austria	43 (2.2) ▲	61 (2.2) ▲
Latvia	43 (1.9) ▲	73 (1.9) ▲
Sweden	41 (2.1) ▲	65 (1.8) ▲
Denmark	41 (2.4) ▲	66 (2.1) ▲
Italy	40 (2.1) ▲	62 (2.2) ▲
Hungary	40 (2.2) ▲	61 (2.2) ▲
Poland	40 (1.9) ▲	65 (2.2) ▲
Bulgaria	39 (2.3) ▲	59 (2.4) ▲
New Zealand	38 (1.9) ▲	61 (1.8) ▲
Germany	37 (2.2) ▲	56 (2.3) ▲
Netherlands	37 (1.9) ▲	57 (2.2) ▲
International Avg.	34 (0.3)	57 (0.3)
Israel	33 (2.3) ▲	56 (2.4) ▲
Slovak Republic	32 (2.0) ▲	53 (1.9) ▼
Slovenia	31 (1.7) ▼	56 (2.1) ▲
Spain	30 (1.5) ▼	57 (1.7) ▲
Kazakhstan	27 (2.1) ▼	65 (1.9) ▲
Trinidad and Tobago	26 (1.7) ▼	49 (2.1) ▼
France	26 (2.1) ▼	46 (2.4) ▼
Portugal	25 (2.0) ▼	52 (2.1) ▼
Belgium (French)	23 (1.8) ▼	45 (2.3) ▼
Belgium (Flemish)	23 (1.6) ▼	46 (1.9) ▼
United Arab Emirates	20 (1.0) ▼	42 (1.1) ▼
Georgia	19 (2.1) ▼	48 (2.4) ▼
Chile	18 (1.7) ▼	37 (2.4) ▼
Malta	17 (1.4) ▼	38 (2.1) ▼
Azerbaijan	15 (1.4) ▼	45 (2.4) ▼
Saudi Arabia	15 (1.6) ▼	41 (2.3) ▼
Qatar	14 (1.3) ▼	36 (1.4) ▼
Bahrain	14 (1.2) ▼	36 (1.6) ▼
Iran, Islamic Rep. of	12 (1.7) ▼	35 (2.7) ▼
Oman	6 (0.7) ▼	21 (1.2) ▼
Morocco	5 (1.1) ▼	19 (2.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	61 (1.9) ▲	78 (1.5) ▲
Ontario, Canada	47 (2.9) ▲	72 (2.5) ▲
Norway (4)	41 (2.3) ▲	62 (2.3) ▲
Quebec, Canada	38 (2.3) ▲	63 (2.4) ▲
Dubai, UAE	36 (1.7) ▲	63 (1.4) ▲
Madrid, Spain	36 (2.0) ▲	64 (2.2) ▲
Andalusia, Spain	29 (1.8) ▼	55 (2.1) ▲
Buenos Aires, Argentina	20 (1.5) ▼	42 (2.0) ▼
Abu Dhabi, UAE	14 (1.7) ▼	31 (1.6) ▼
Eng/Afr/Zulu - RSA (5)	12 (1.8) ▼	30 (2.5) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R31W03M (Where's the Honey?): Why the Boran move
Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	91 (1.3)	▲
Chinese Taipei	88 (1.3)	▲
Macao SAR	87 (1.1)	▲
Ireland	82 (1.6)	▲
Russian Federation	82 (1.5)	▲
Czech Republic	81 (1.6)	▲
Northern Ireland	81 (1.8)	▲
Denmark	79 (2.0)	▲
England	77 (1.8)	▲
Latvia	77 (1.8)	▲
Bulgaria	76 (2.1)	▲
Austria	76 (1.8)	▲
Netherlands	73 (1.8)	▲
Hungary	73 (2.2)	▲
Slovak Republic	72 (1.9)	▲
Singapore	72 (1.6)	▲
Germany	72 (1.9)	▲
Azerbaijan	72 (2.4)	▲
Finland	72 (1.7)	▲
Poland	71 (2.4)	▲
Italy	71 (1.8)	▲
Canada	70 (1.6)	▲
United States	70 (1.8)	▲
Portugal	69 (1.7)	▲
Norway (5)	69 (2.0)	▲
Belgium (Flemish)	68 (1.6)	▲
New Zealand	68 (2.0)	
Australia	67 (2.0)	
Kazakhstan	66 (2.0)	
Slovenia	66 (2.1)	
Israel	66 (2.2)	
Spain	65 (1.5)	
International Avg.	65 (0.3)	
Lithuania	64 (2.3)	
Trinidad and Tobago	61 (2.1)	
Sweden	59 (2.5)	▼
France	57 (2.2)	▼
Georgia	57 (2.4)	▼
Chile	53 (2.2)	▼
Qatar	47 (1.3)	▼
United Arab Emirates	44 (1.4)	▼
Belgium (French)	41 (1.9)	▼
Bahrain	39 (1.8)	▼
Iran, Islamic Rep. of	36 (3.2)	▼
Malta	35 (1.6)	▼
Saudi Arabia	31 (2.4)	▼
Oman	27 (1.4)	▼
Morocco	23 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	90 (1.2)	▲
Quebec, Canada	72 (2.4)	▲
Madrid, Spain	71 (2.3)	▲
Andalusia, Spain	68 (2.1)	
Ontario, Canada	67 (2.3)	
Dubai, UAE	61 (1.7)	▼
Buenos Aires, Argentina	56 (2.0)	▼
Norway (4)	56 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	41 (2.7)	▼
Abu Dhabi, UAE	36 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W04C (Where's the Honey?): What Borans' houses are made of
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	95 (1.0)	▲
Hong Kong SAR	94 (1.2)	▲
Macao SAR	91 (1.1)	▲
Singapore	88 (0.9)	▲
Russian Federation	87 (1.2)	▲
Ireland	86 (1.7)	▲
Sweden	84 (1.4)	▲
Norway (5)	83 (1.9)	▲
Lithuania	82 (2.2)	▲
Latvia	82 (2.1)	▲
United States	81 (1.6)	▲
Bulgaria	81 (2.2)	▲
Northern Ireland	81 (1.8)	▲
Kazakhstan	80 (1.5)	▲
Finland	80 (1.6)	▲
England	80 (1.5)	▲
Denmark	78 (1.8)	▲
Belgium (Flemish)	77 (1.6)	▲
Australia	77 (1.7)	▲
Poland	77 (2.3)	▲
Canada	77 (1.4)	▲
Netherlands	76 (2.0)	▲
New Zealand	75 (1.5)	▲
Hungary	74 (2.0)	
Italy	73 (2.0)	
Portugal	73 (2.1)	
Spain	73 (1.6)	
Israel	72 (1.9)	
Trinidad and Tobago	72 (2.1)	
International Avg.	72 (0.3)	
France	68 (1.8)	
Czech Republic	68 (2.0)	
Germany	68 (2.0)	▼
Belgium (French)	67 (1.8)	▼
Slovenia	67 (1.8)	▼
Chile	64 (2.1)	▼
Austria	64 (1.8)	▼
Slovak Republic	61 (2.0)	▼
Bahrain	60 (1.8)	▼
Georgia	60 (2.6)	▼
United Arab Emirates	59 (1.4)	▼
Saudi Arabia	58 (2.2)	▼
Qatar	58 (1.4)	▼
Malta	57 (2.0)	▼
Oman	52 (1.5)	▼
Azerbaijan	49 (2.2)	▼
Morocco	32 (2.4)	▼
Iran, Islamic Rep. of	29 (2.3)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	91 (1.0)	▲
Madrid, Spain	76 (2.2)	▲
Ontario, Canada	76 (2.6)	
Dubai, UAE	76 (1.1)	▲
Quebec, Canada	74 (2.5)	
Norway (4)	73 (1.7)	
Andalusia, Spain	73 (1.8)	
Buenos Aires, Argentina	63 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	61 (2.6)	▼
Abu Dhabi, UAE	48 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W05M (Where's the Honey?): What you learn from Meet the Boran
Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	75 (1.7)	▲
Russian Federation	72 (1.9)	▲
Hong Kong SAR	71 (2.5)	▲
Poland	71 (2.4)	▲
Latvia	70 (2.0)	▲
Netherlands	69 (2.1)	▲
Czech Republic	68 (1.9)	▲
Hungary	67 (2.0)	▲
Macao SAR	67 (1.7)	▲
Finland	66 (1.9)	▲
Bulgaria	66 (2.3)	▲
Azerbaijan	64 (1.9)	▲
Spain	64 (1.7)	▲
Italy	62 (1.9)	▲
Kazakhstan	62 (2.1)	▲
Germany	61 (2.7)	▲
Slovenia	61 (1.8)	▲
Lithuania	61 (2.6)	▲
Slovak Republic	60 (2.0)	▲
England	60 (1.9)	▲
Northern Ireland	59 (2.1)	
Singapore	58 (1.8)	
Portugal	58 (2.0)	
Sweden	58 (2.2)	
Austria	57 (2.1)	
Denmark	57 (2.1)	
Ireland	57 (2.1)	
International Avg.	55 (0.3)	
Belgium (Flemish)	54 (1.7)	
Israel	54 (2.4)	
Georgia	53 (2.8)	
Norway (5)	52 (2.5)	
Australia	52 (2.0)	
United States	51 (2.2)	
Canada	47 (1.6)	▼
New Zealand	46 (1.9)	▼
Belgium (French)	43 (2.2)	▼
France	43 (2.8)	▼
Bahrain	42 (1.7)	▼
Oman	41 (1.6)	▼
Chile	40 (2.0)	▼
United Arab Emirates	40 (1.0)	▼
Saudi Arabia	38 (2.1)	▼
Qatar	38 (1.5)	▼
Malta	37 (2.0)	▼
Trinidad and Tobago	37 (2.0)	▼
Morocco	30 (2.3)	▼
Iran, Islamic Rep. of	30 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	72 (1.6)	▲
Andalusia, Spain	67 (2.0)	▲
Madrid, Spain	66 (2.0)	▲
Dubai, UAE	54 (1.5)	
Buenos Aires, Argentina	47 (2.2)	▼
Ontario, Canada	46 (2.3)	▼
Norway (4)	40 (2.2)	▼
Quebec, Canada	40 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	35 (2.0)	▼
Abu Dhabi, UAE	32 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W06M (Where's the Honey?): How the Boran call honeyguide
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	94 (1.1)	▲
Chinese Taipei	93 (1.2)	▲
Macao SAR	91 (1.2)	▲
Italy	90 (1.2)	▲
Sweden	89 (1.3)	▲
Singapore	89 (0.9)	▲
Northern Ireland	88 (1.2)	▲
Hong Kong SAR	88 (1.4)	▲
Russian Federation	88 (1.4)	▲
Denmark	88 (1.5)	▲
Bulgaria	88 (1.3)	▲
England	87 (1.3)	▲
Netherlands	86 (2.1)	▲
Latvia	86 (1.7)	▲
Finland	86 (1.4)	▲
Ireland	86 (1.4)	▲
Lithuania	85 (1.5)	▲
United States	84 (1.4)	▲
Belgium (Flemish)	84 (1.4)	▲
Kazakhstan	83 (1.3)	▲
Australia	83 (1.5)	▲
Spain	82 (1.0)	▲
Canada	82 (1.1)	▲
Austria	82 (1.5)	▲
Portugal	82 (1.7)	▲
Israel	82 (1.6)	
Germany	82 (1.9)	
Hungary	81 (1.8)	
Slovenia	81 (1.8)	
Azerbaijan	81 (1.8)	
Czech Republic	80 (1.7)	
International Avg.	78 (0.2)	
Poland	78 (2.0)	
Belgium (French)	75 (2.1)	
Georgia	74 (2.2)	▼
Trinidad and Tobago	74 (1.7)	▼
New Zealand	74 (1.3)	▼
France	73 (2.1)	▼
Chile	72 (2.2)	▼
Slovak Republic	69 (2.4)	▼
Malta	68 (1.8)	▼
Bahrain	65 (1.9)	▼
United Arab Emirates	62 (1.3)	▼
Iran, Islamic Rep. of	58 (2.8)	▼
Oman	57 (1.4)	▼
Qatar	56 (1.5)	▼
Saudi Arabia	45 (2.1)	▼
Morocco	39 (2.5)	▼
Benchmarking Participants		
Madrid, Spain	90 (1.4)	▲
Norway (4)	89 (1.5)	▲
Moscow City, Russian Fed.	89 (1.4)	▲
Quebec, Canada	84 (1.8)	▲
Andalusia, Spain	81 (1.6)	
Ontario, Canada	80 (2.2)	
Dubai, UAE	78 (1.2)	
Buenos Aires, Argentina	73 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	62 (2.6)	▼
Abu Dhabi, UAE	54 (2.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W07CA (Where's the Honey?): Message honeyguide sends (flies)
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	68 (2.1)	▲
Russian Federation	68 (2.0)	▲
Singapore	66 (1.7)	▲
Hong Kong SAR	63 (2.6)	▲
Latvia	57 (2.3)	▲
Kazakhstan	56 (2.1)	▲
Finland	56 (1.7)	▲
Lithuania	54 (2.0)	▲
Norway (5)	54 (2.3)	▲
Macao SAR	51 (1.7)	▲
Northern Ireland	50 (2.3)	▲
England	49 (1.8)	▲
Portugal	49 (2.2)	▲
Netherlands	48 (2.1)	▲
United States	48 (2.1)	▲
Ireland	47 (2.1)	▲
Czech Republic	47 (1.9)	▲
Hungary	47 (2.0)	▲
Italy	46 (2.4)	▲
Denmark	44 (1.8)	▲
Sweden	44 (2.0)	
Slovenia	43 (1.9)	
Israel	43 (1.7)	
Canada	42 (1.5)	
Belgium (Flemish)	41 (2.2)	
International Avg.	40 (0.3)	
Australia	40 (1.7)	
Poland	39 (2.1)	
Bulgaria	39 (2.4)	
Austria	38 (2.4)	
Spain	38 (1.7)	
Germany	38 (2.3)	
New Zealand	34 (2.1)	▼
Trinidad and Tobago	33 (2.4)	▼
Azerbaijan	30 (1.9)	▼
Qatar	29 (1.0)	▼
United Arab Emirates	29 (1.1)	▼
Georgia	28 (2.4)	▼
Slovak Republic	28 (1.6)	▼
Chile	23 (1.8)	▼
Bahrain	22 (1.5)	▼
France	19 (1.8)	▼
Iran, Islamic Rep. of	17 (2.0)	▼
Saudi Arabia	17 (1.5)	▼
Oman	16 (1.2)	▼
Belgium (French)	15 (1.7)	▼
Malta	13 (1.4)	▼
Morocco	12 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	80 (1.6)	▲
Madrid, Spain	46 (2.1)	▲
Dubai, UAE	43 (1.8)	
Andalusia, Spain	42 (2.2)	
Norway (4)	42 (2.4)	
Ontario, Canada	42 (2.7)	
Quebec, Canada	35 (2.6)	
Buenos Aires, Argentina	23 (2.2)	▼
Abu Dhabi, UAE	20 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	14 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W07CB (Where's the Honey?): Message honeyguide sends (close)
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	79 (2.0)	▲
Chinese Taipei	71 (2.0)	▲
Macao SAR	69 (1.6)	▲
Singapore	67 (1.6)	▲
Russian Federation	60 (1.9)	▲
Latvia	55 (2.4)	▲
Norway (5)	50 (2.2)	▲
Lithuania	48 (2.1)	▲
Portugal	48 (2.1)	▲
Kazakhstan	48 (2.2)	▲
Finland	46 (2.0)	▲
United States	45 (2.4)	▲
Northern Ireland	44 (2.3)	▲
Canada	42 (1.7)	▲
Denmark	42 (2.1)	
Bulgaria	42 (2.3)	
Italy	41 (1.9)	
Ireland	41 (2.1)	
Poland	41 (2.2)	
Hungary	41 (2.2)	
Slovenia	40 (2.1)	
England	40 (1.8)	
Sweden	40 (2.0)	
Israel	40 (2.1)	
Netherlands	39 (2.0)	
International Avg.	38 (0.3)	
Czech Republic	38 (2.0)	
Germany	36 (2.2)	
Spain	35 (1.3)	▼
Georgia	35 (2.6)	
Austria	34 (2.4)	
Slovak Republic	33 (1.9)	▼
Australia	32 (1.8)	▼
New Zealand	32 (1.7)	▼
Belgium (Flemish)	31 (1.6)	▼
Azerbaijan	30 (1.8)	▼
Qatar	27 (1.4)	▼
Trinidad and Tobago	27 (2.0)	▼
United Arab Emirates	26 (1.3)	▼
Malta	24 (2.0)	▼
Chile	22 (2.0)	▼
France	21 (1.8)	▼
Bahrain	21 (1.8)	▼
Belgium (French)	20 (1.9)	▼
Oman	17 (1.2)	▼
Saudi Arabia	15 (1.8)	▼
Iran, Islamic Rep. of	14 (1.9)	▼
Morocco	11 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	74 (1.8)	▲
Quebec, Canada	48 (3.5)	▲
Dubai, UAE	43 (1.5)	▲
Madrid, Spain	41 (2.2)	
Ontario, Canada	39 (2.9)	
Andalusia, Spain	37 (2.3)	
Norway (4)	35 (2.0)	
Buenos Aires, Argentina	20 (1.8)	▼
Abu Dhabi, UAE	18 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	13 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W07CC (Where's the Honey?): Message honeyguide sends (arrive)
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	77 (2.0)	▲
Chinese Taipei	74 (2.1)	▲
Singapore	69 (1.6)	▲
Macao SAR	61 (1.6)	▲
Russian Federation	57 (2.1)	▲
Poland	50 (2.0)	▲
Norway (5)	50 (2.2)	▲
Ireland	49 (2.0)	▲
United States	49 (2.5)	▲
Northern Ireland	48 (2.5)	▲
Finland	47 (1.9)	▲
Bulgaria	46 (2.5)	▲
Israel	45 (2.0)	▲
Hungary	45 (2.2)	▲
England	44 (2.0)	▲
Latvia	44 (1.8)	▲
Canada	43 (1.4)	▲
Denmark	43 (2.2)	▲
Lithuania	42 (2.4)	▲
Portugal	41 (2.0)	▲
Australia	40 (1.7)	▲
Netherlands	39 (2.2)	
Kazakhstan	37 (2.0)	
Belgium (Flemish)	37 (1.7)	
International Avg.	36 (0.3)	
Czech Republic	36 (2.3)	
Italy	35 (1.6)	
New Zealand	34 (1.8)	
Slovak Republic	33 (1.9)	▼
Sweden	31 (2.1)	▼
Germany	29 (1.8)	▼
Trinidad and Tobago	29 (2.2)	▼
Spain	28 (1.2)	▼
Slovenia	27 (1.9)	▼
Austria	27 (1.9)	▼
United Arab Emirates	25 (1.2)	▼
Qatar	25 (1.3)	▼
Bahrain	20 (1.3)	▼
Chile	19 (1.8)	▼
France	19 (1.6)	▼
Azerbaijan	18 (1.7)	▼
Malta	17 (1.5)	▼
Belgium (French)	17 (1.6)	▼
Georgia	16 (1.8)	▼
Oman	14 (1.1)	▼
Saudi Arabia	14 (1.8)	▼
Iran, Islamic Rep. of	10 (1.4)	▼
Morocco	9 (1.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	75 (1.8)	▲
Dubai, UAE	44 (1.6)	▲
Quebec, Canada	43 (2.7)	▲
Ontario, Canada	41 (2.6)	
Norway (4)	38 (2.4)	
Madrid, Spain	36 (1.9)	
Andalusia, Spain	31 (1.9)	▼
Buenos Aires, Argentina	19 (1.6)	▼
Abu Dhabi, UAE	17 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	15 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W07CZ (Where's the Honey?): Message honeyguide sends (DERIVED)
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Chinese Taipei	53 (2.1) ▲	75 (2.1) ▲	86 (1.7) ▲
Hong Kong SAR	53 (2.5) ▲	79 (2.1) ▲	87 (1.8) ▲
Singapore	49 (1.7) ▲	70 (1.7) ▲	83 (1.2) ▲
Russian Federation	43 (2.2) ▲	63 (2.1) ▲	79 (1.6) ▲
Macao SAR	38 (1.5) ▲	64 (1.7) ▲	78 (1.6) ▲
Finland	33 (1.5) ▲	51 (1.9) ▲	66 (1.8) ▲
Norway (5)	32 (1.7) ▲	53 (2.2) ▲	68 (2.3) ▲
Latvia	30 (1.7) ▲	53 (2.3) ▲	72 (2.3) ▲
Lithuania	29 (2.2) ▲	47 (2.0) ▲	67 (1.9) ▲
Northern Ireland	29 (2.0) ▲	49 (2.5) ▲	64 (2.3) ▲
United States	29 (2.1) ▲	49 (2.4) ▲	64 (2.3) ▲
Hungary	29 (1.9) ▲	44 (2.3) ▲	59 (2.2) ▲
Ireland	27 (1.8) ▲	48 (2.2) ▲	63 (1.9) ▲
Portugal	27 (1.9) ▲	48 (2.2) ▲	62 (2.0) ▲
Kazakhstan	27 (2.0) ▲	47 (2.1) ▲	68 (2.1) ▲
England	25 (1.6) ▲	45 (1.7) ▲	62 (1.8) ▲
Poland	25 (1.8) ▲	44 (2.2) ▲	62 (2.3) ▲
Canada	25 (1.4) ▲	43 (1.5) ▲	58 (1.6) ▲
Bulgaria	24 (2.1)	44 (2.6) ▲	58 (2.4)
Netherlands	24 (2.1)	42 (2.0)	60 (2.2) ▲
Israel	23 (1.6)	44 (2.0) ▲	60 (1.8) ▲
Czech Republic	22 (1.8)	40 (2.0)	59 (2.1) ▲
Denmark	22 (1.7)	44 (2.0) ▲	61 (1.8) ▲
International Avg.	21 (0.2)	39 (0.3)	54 (0.3)
Sweden	20 (1.9)	40 (2.2)	55 (1.9)
Australia	19 (1.5)	37 (1.6)	55 (2.0)
New Zealand	19 (1.5)	31 (1.7) ▼	49 (2.0) ▼
Italy	18 (1.4) ▼	43 (2.0) ▲	61 (2.3) ▲
Belgium (Flemish)	18 (1.3) ▼	35 (1.7) ▼	56 (2.0)
Spain	16 (1.0) ▼	33 (1.5) ▼	51 (1.7)
Germany	15 (1.5) ▼	36 (2.2)	50 (2.4) ▼
Slovenia	14 (1.5) ▼	37 (2.1)	59 (2.3) ▲
Slovak Republic	14 (1.2) ▼	32 (1.9) ▼	47 (2.0) ▼
Qatar	14 (1.0) ▼	27 (1.2) ▼	41 (1.3) ▼
Trinidad and Tobago	14 (1.5) ▼	29 (2.1) ▼	45 (2.3) ▼
Austria	13 (1.5) ▼	34 (2.3) ▼	51 (2.5)
United Arab Emirates	12 (0.8) ▼	26 (1.2) ▼	41 (1.2) ▼
Georgia	12 (1.5) ▼	26 (2.4) ▼	42 (2.5) ▼
Azerbaijan	9 (1.1) ▼	26 (2.0) ▼	43 (2.0) ▼
Bahrain	9 (1.0) ▼	20 (1.7) ▼	34 (2.0) ▼
Chile	8 (1.2) ▼	21 (2.0) ▼	34 (2.2) ▼
Oman	7 (1.0) ▼	14 (1.2) ▼	26 (1.2) ▼
France	6 (1.0) ▼	18 (1.5) ▼	35 (1.9) ▼
Iran, Islamic Rep. of	6 (1.1) ▼	14 (1.8) ▼	22 (2.3) ▼
Malta	6 (0.9) ▼	18 (1.6) ▼	30 (2.0) ▼
Belgium (French)	5 (1.0) ▼	15 (1.5) ▼	32 (2.2) ▼
Morocco	4 (1.0) ▼	10 (1.8) ▼	19 (2.1) ▼
Saudi Arabia	3 (0.8) ▼	12 (1.6) ▼	31 (2.2) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	61 (2.1) ▲	79 (1.7) ▲	89 (1.2) ▲
Ontario, Canada	25 (2.6)	40 (2.7)	55 (2.8)
Dubai, UAE	24 (1.2) ▲	44 (1.4) ▲	61 (1.4) ▲
Norway (4)	23 (2.0)	38 (2.4)	54 (2.4)
Madrid, Spain	21 (1.5)	40 (2.1)	62 (2.3) ▲
Andalusia, Spain	19 (1.8)	38 (2.1)	53 (2.4)
Quebec, Canada	18 (2.0)	45 (2.8) ▲	63 (3.4) ▲
Buenos Aires, Argentina	9 (1.3) ▼	19 (1.7) ▼	33 (2.3) ▼
Abu Dhabi, UAE	7 (1.3) ▼	18 (2.1) ▼	31 (2.2) ▼
Eng/Afr/Zulu - RSA (5)	5 (1.0) ▼	13 (1.8) ▼	24 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W08M (Where's the Honey?): Why the Boran light a fire
Multiple Choice (Key is B)

Country	Percent Correct	
Hong Kong SAR	89 (1.5)	▲
Lithuania	86 (1.7)	▲
Chinese Taipei	86 (1.5)	▲
Latvia	86 (1.6)	▲
Macao SAR	85 (1.2)	▲
Czech Republic	84 (1.5)	▲
Russian Federation	84 (1.3)	▲
Finland	84 (1.5)	▲
Bulgaria	81 (2.0)	▲
Slovenia	80 (1.7)	▲
Hungary	80 (1.7)	▲
Singapore	79 (1.4)	▲
Germany	78 (2.3)	▲
Austria	78 (1.9)	▲
Slovak Republic	78 (1.5)	▲
Poland	76 (1.8)	▲
Portugal	76 (2.0)	▲
Netherlands	76 (1.8)	▲
Norway (5)	76 (2.0)	▲
Kazakhstan	76 (1.8)	▲
Italy	75 (1.8)	▲
Ireland	74 (2.0)	▲
United States	73 (2.0)	
Denmark	73 (2.0)	
Northern Ireland	72 (2.1)	
Sweden	71 (2.0)	
Australia	71 (2.0)	
Canada	71 (1.4)	
Belgium (Flemish)	71 (1.8)	
England	71 (1.5)	
International Avg.	70 (0.3)	
Israel	69 (1.7)	
Belgium (French)	67 (1.9)	
Spain	66 (1.5)	▼
Azerbaijan	66 (2.4)	
Georgia	63 (1.9)	▼
New Zealand	63 (2.1)	▼
France	62 (2.0)	▼
Trinidad and Tobago	59 (2.1)	▼
Chile	58 (2.2)	▼
Malta	54 (1.9)	▼
United Arab Emirates	51 (1.2)	▼
Qatar	50 (1.7)	▼
Saudi Arabia	50 (2.3)	▼
Oman	45 (1.9)	▼
Bahrain	44 (1.9)	▼
Iran, Islamic Rep. of	42 (3.0)	▼
Morocco	37 (2.1)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	91 (1.1)	▲
Madrid, Spain	71 (1.9)	
Quebec, Canada	69 (2.6)	
Norway (4)	68 (2.2)	
Ontario, Canada	67 (2.7)	
Dubai, UAE	64 (1.9)	▼
Andalusia, Spain	63 (1.8)	▼
Buenos Aires, Argentina	62 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	54 (2.4)	▼
Abu Dhabi, UAE	43 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W09M (Where's the Honey?): Main message of the Boran legend
Multiple Choice (Key is A)

Country	Percent Correct	
Finland	69 (1.8)	▲
Sweden	66 (2.1)	▲
Austria	66 (2.2)	▲
Slovenia	64 (2.1)	▲
Norway (5)	63 (2.1)	▲
Germany	62 (1.8)	▲
Italy	61 (2.4)	▲
Netherlands	61 (1.9)	▲
Denmark	60 (2.0)	▲
Russian Federation	60 (2.0)	▲
Macao SAR	57 (1.7)	▲
Ireland	57 (2.0)	▲
Czech Republic	56 (1.5)	▲
Latvia	56 (2.7)	▲
Spain	55 (2.0)	▲
Lithuania	55 (2.0)	▲
England	55 (2.1)	▲
Belgium (Flemish)	53 (1.9)	▲
Canada	53 (1.6)	▲
Portugal	52 (2.4)	
Hungary	51 (2.4)	
France	50 (2.2)	
Slovak Republic	50 (1.9)	
Singapore	49 (1.7)	
Northern Ireland	48 (2.4)	
Bulgaria	47 (2.4)	
International Avg.	47 (0.3)	
Belgium (French)	47 (2.2)	
Australia	47 (2.1)	
Poland	46 (2.1)	
Chile	43 (2.2)	
United States	43 (2.0)	
New Zealand	42 (1.6)	▼
Chinese Taipei	42 (1.8)	▼
Hong Kong SAR	38 (2.0)	▼
Kazakhstan	37 (2.1)	▼
Trinidad and Tobago	35 (1.9)	▼
Israel	35 (2.0)	▼
United Arab Emirates	33 (1.2)	▼
Bahrain	32 (1.6)	▼
Oman	32 (1.7)	▼
Qatar	32 (2.1)	▼
Saudi Arabia	30 (2.2)	▼
Malta	27 (1.9)	▼
Georgia	27 (1.8)	▼
Iran, Islamic Rep. of	25 (2.3)	▼
Morocco	24 (1.9)	▼
Azerbaijan	23 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	70 (1.6)	▲
Madrid, Spain	65 (2.3)	▲
Norway (4)	60 (1.9)	▲
Quebec, Canada	58 (2.4)	▲
Andalusia, Spain	57 (1.8)	▲
Ontario, Canada	48 (2.8)	
Dubai, UAE	44 (1.7)	
Buenos Aires, Argentina	40 (2.1)	▼
Abu Dhabi, UAE	29 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	20 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W10M (Where's the Honey?): Why honeyguide visits in morning
Multiple Choice (Key is D)

Country	Percent Correct	
Latvia	76 (1.7)	▲
Hong Kong SAR	73 (2.0)	▲
Hungary	73 (2.2)	▲
Slovenia	70 (1.9)	▲
Poland	69 (2.4)	▲
Lithuania	68 (2.3)	▲
Denmark	68 (2.1)	▲
Czech Republic	67 (2.0)	▲
Chinese Taipei	67 (2.1)	▲
Singapore	67 (1.5)	▲
Bulgaria	66 (2.7)	▲
Russian Federation	65 (2.3)	▲
Sweden	64 (2.2)	▲
Finland	63 (2.0)	▲
Austria	62 (2.0)	▲
Ireland	62 (2.2)	▲
England	61 (1.6)	▲
Northern Ireland	60 (2.2)	▲
Australia	60 (2.0)	▲
Canada	59 (1.4)	▲
Macao SAR	59 (1.7)	▲
Germany	58 (2.4)	▲
Norway (5)	58 (2.1)	▲
United States	57 (2.0)	▲
Portugal	55 (2.0)	
New Zealand	54 (2.0)	
Azerbaijan	54 (2.2)	
Kazakhstan	53 (2.4)	
Netherlands	53 (2.3)	
International Avg.	53 (0.3)	
Spain	52 (1.5)	
Italy	52 (2.3)	
France	48 (1.8)	▼
Slovak Republic	47 (2.2)	▼
Israel	46 (1.8)	▼
Belgium (Flemish)	44 (2.1)	▼
Georgia	44 (2.5)	▼
Belgium (French)	42 (1.9)	▼
Trinidad and Tobago	41 (2.0)	▼
Chile	38 (2.0)	▼
United Arab Emirates	32 (1.2)	▼
Oman	29 (1.7)	▼
Qatar	26 (1.1)	▼
Iran, Islamic Rep. of	24 (2.3)	▼
Bahrain	24 (2.0)	▼
Malta	23 (1.8)	▼
Saudi Arabia	23 (2.0)	▼
Morocco	13 (1.5)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	76 (1.8)	▲
Quebec, Canada	67 (2.7)	▲
Madrid, Spain	57 (2.1)	▲
Ontario, Canada	54 (2.7)	
Andalusia, Spain	52 (2.1)	
Dubai, UAE	47 (1.5)	▼
Norway (4)	47 (2.3)	▼
Buenos Aires, Argentina	34 (2.0)	▼
Abu Dhabi, UAE	27 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	26 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W11C (Where's the Honey?): What shows evidence of partnership
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	75 (1.9)	▲
Macao SAR	61 (1.7)	▲
Chinese Taipei	58 (2.1)	▲
Hungary	58 (2.4)	▲
Italy	56 (2.4)	▲
Sweden	51 (2.3)	▲
Northern Ireland	51 (2.3)	▲
Russian Federation	51 (2.3)	▲
Netherlands	50 (2.5)	▲
Finland	49 (2.3)	▲
Singapore	49 (1.8)	▲
Latvia	48 (2.3)	▲
Bulgaria	47 (2.3)	▲
England	47 (2.1)	▲
Germany	46 (2.4)	▲
Ireland	46 (2.1)	▲
Denmark	45 (2.3)	▲
Austria	45 (2.7)	▲
Poland	41 (2.4)	▲
Slovenia	39 (1.6)	▲
Norway (5)	38 (2.3)	
Lithuania	38 (2.5)	
Australia	37 (2.0)	
International Avg.	35 (0.3)	
Portugal	35 (2.1)	
United States	34 (1.9)	
Belgium (Flemish)	31 (1.8)	▼
Spain	30 (1.5)	▼
Canada	29 (1.3)	▼
Israel	29 (2.1)	▼
New Zealand	29 (1.8)	▼
Slovak Republic	27 (1.9)	▼
Czech Republic	25 (1.6)	▼
Georgia	25 (2.6)	▼
Kazakhstan	25 (1.9)	▼
Malta	24 (1.9)	▼
France	24 (1.6)	▼
Belgium (French)	22 (1.7)	▼
United Arab Emirates	20 (1.1)	▼
Azerbaijan	20 (1.9)	▼
Bahrain	19 (1.3)	▼
Qatar	17 (1.0)	▼
Trinidad and Tobago	17 (1.6)	▼
Chile	15 (1.6)	▼
Oman	15 (1.4)	▼
Saudi Arabia	15 (2.0)	▼
Iran, Islamic Rep. of	9 (1.4)	▼
Morocco	4 (0.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	60 (1.8)	▲
Madrid, Spain	40 (2.4)	▲
Dubai, UAE	35 (1.5)	
Andalusia, Spain	31 (1.8)	▼
Quebec, Canada	30 (2.4)	▼
Ontario, Canada	28 (2.7)	▼
Norway (4)	27 (2.0)	▼
Buenos Aires, Argentina	18 (1.6)	▼
Abu Dhabi, UAE	13 (1.6)	▼
Eng/Afr/Zulu - RSA (5)	12 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W12M (Where's the Honey?): Why partnership is in danger
Multiple Choice (Key is A)

Country	Percent Correct	
Hong Kong SAR	71 (2.2)	▲
Chinese Taipei	68 (2.4)	▲
Singapore	63 (1.6)	▲
Russian Federation	63 (2.0)	▲
Finland	61 (1.8)	▲
Northern Ireland	60 (2.3)	▲
Norway (5)	59 (2.1)	▲
Macao SAR	59 (2.0)	▲
Ireland	57 (2.2)	▲
England	56 (2.0)	▲
Poland	56 (2.3)	▲
Italy	56 (2.2)	▲
Latvia	55 (2.4)	▲
United States	55 (2.2)	▲
Australia	53 (2.1)	▲
Denmark	53 (2.1)	▲
Bulgaria	53 (2.3)	▲
Lithuania	52 (2.9)	▲
New Zealand	49 (1.8)	▲
Canada	49 (1.4)	▲
Sweden	49 (2.3)	
Austria	48 (2.3)	
Israel	48 (2.3)	
Hungary	47 (2.2)	
Netherlands	46 (2.3)	
International Avg.	45 (0.3)	
Chile	43 (2.2)	
Slovenia	43 (2.6)	
Germany	42 (2.3)	
Spain	39 (1.5)	▼
Trinidad and Tobago	38 (2.1)	▼
Kazakhstan	38 (2.6)	▼
Azerbaijan	36 (2.1)	▼
United Arab Emirates	36 (1.3)	▼
Georgia	35 (2.2)	▼
Malta	35 (2.0)	▼
Czech Republic	35 (1.8)	▼
Slovak Republic	35 (2.1)	▼
Belgium (Flemish)	34 (1.8)	▼
Belgium (French)	32 (2.1)	▼
Qatar	31 (1.5)	▼
Portugal	30 (1.8)	▼
France	30 (2.4)	▼
Oman	27 (1.8)	▼
Bahrain	26 (1.2)	▼
Saudi Arabia	26 (1.8)	▼
Iran, Islamic Rep. of	22 (1.9)	▼
Morocco	20 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	71 (1.8)	▲
Dubai, UAE	53 (1.6)	▲
Ontario, Canada	46 (2.5)	
Quebec, Canada	46 (2.6)	
Madrid, Spain	43 (2.3)	
Norway (4)	41 (1.9)	▼
Andalusia, Spain	34 (2.1)	▼
Buenos Aires, Argentina	32 (2.1)	▼
Abu Dhabi, UAE	29 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	23 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R31W13C (Where's the Honey?): What honeyguide might do diff.
Constructed Response (1 Point)

Country	Percent Correct	
England	56 (1.6)	▲
Hong Kong SAR	53 (2.3)	▲
Australia	52 (2.2)	▲
Finland	52 (1.8)	▲
Poland	50 (2.5)	▲
United States	47 (2.1)	▲
Russian Federation	47 (1.9)	▲
Ireland	46 (2.0)	▲
Chinese Taipei	45 (2.2)	▲
Northern Ireland	44 (2.4)	▲
Czech Republic	40 (2.0)	▲
Bulgaria	40 (2.3)	▲
Canada	40 (1.5)	▲
Lithuania	40 (2.5)	▲
Latvia	39 (2.2)	▲
Macao SAR	38 (1.8)	▲
Norway (5)	38 (2.0)	▲
Denmark	36 (2.3)	▲
New Zealand	36 (1.8)	▲
Netherlands	36 (2.2)	▲
Kazakhstan	36 (2.2)	▲
Singapore	36 (1.6)	▲
Sweden	36 (2.0)	▲
Hungary	34 (1.9)	
Israel	32 (2.0)	
International Avg.	31 (0.3)	
Germany	31 (2.1)	
Spain	31 (1.4)	
Austria	31 (1.8)	
Italy	28 (2.0)	
Georgia	27 (2.0)	▼
Slovenia	26 (1.9)	▼
Trinidad and Tobago	24 (1.8)	▼
Belgium (French)	23 (1.9)	▼
Slovak Republic	23 (1.7)	▼
Belgium (Flemish)	22 (1.6)	▼
Portugal	21 (1.3)	▼
Malta	19 (1.5)	▼
France	18 (1.7)	▼
United Arab Emirates	16 (1.0)	▼
Azerbaijan	16 (1.5)	▼
Chile	15 (1.6)	▼
Bahrain	15 (1.5)	▼
Qatar	13 (1.0)	▼
Iran, Islamic Rep. of	12 (1.8)	▼
Oman	8 (1.0)	▼
Saudi Arabia	8 (1.6)	▼
Morocco	3 (0.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	58 (1.8)	▲
Ontario, Canada	39 (2.7)	▲
Quebec, Canada	36 (2.4)	
Madrid, Spain	34 (2.2)	
Norway (4)	31 (2.4)	
Dubai, UAE	29 (1.6)	
Andalusia, Spain	29 (1.8)	
Buenos Aires, Argentina	16 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	14 (2.0)	▼
Abu Dhabi, UAE	10 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T01M (The Green Sea Turtle): What is the first section about
Multiple Choice (Key is D)

Country	Percent Correct	
Russian Federation	96 (0.9)	▲
Denmark	94 (1.2)	▲
Sweden	94 (0.9)	▲
Czech Republic	94 (0.9)	▲
Netherlands	93 (1.0)	▲
Germany	93 (1.1)	▲
Belgium (Flemish)	93 (1.1)	▲
Slovenia	93 (1.0)	▲
Latvia	93 (1.2)	▲
Austria	93 (1.1)	▲
Poland	92 (1.0)	▲
Ireland	92 (1.4)	▲
England	92 (1.0)	▲
Finland	92 (1.0)	▲
Hong Kong SAR	91 (1.2)	▲
Norway (5)	91 (1.4)	▲
Australia	91 (1.2)	▲
Chinese Taipei	90 (1.2)	▲
Slovak Republic	90 (1.6)	▲
Lithuania	90 (1.4)	▲
Bulgaria	90 (1.6)	▲
Singapore	89 (1.1)	▲
Macao SAR	89 (1.2)	▲
Hungary	88 (1.5)	▲
Kazakhstan	88 (1.4)	▲
New Zealand	87 (1.3)	▲
Northern Ireland	87 (1.8)	
Canada	87 (1.1)	▲
France	87 (1.5)	
Spain	87 (1.3)	▲
Portugal	86 (1.3)	
United States	86 (1.5)	
Israel	85 (1.5)	
International Avg.	84 (0.2)	
Italy	84 (1.6)	
Azerbaijan	81 (2.1)	
Trinidad and Tobago	80 (1.9)	▼
Chile	78 (1.5)	▼
Belgium (French)	75 (1.8)	▼
Georgia	74 (2.5)	▼
United Arab Emirates	69 (1.0)	▼
Iran, Islamic Rep. of	68 (2.5)	▼
Qatar	68 (1.4)	▼
Bahrain	65 (1.6)	▼
Oman	64 (1.8)	▼
Malta	64 (1.9)	▼
Morocco	56 (2.4)	▼
Saudi Arabia	56 (2.2)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Madrid, Spain	89 (1.4)	▲
Ontario, Canada	89 (1.5)	▲
Norway (4)	87 (1.8)	
Quebec, Canada	85 (2.3)	
Andalusia, Spain	83 (1.8)	
Dubai, UAE	82 (1.3)	
Abu Dhabi, UAE	60 (2.3)	▼
Buenos Aires, Argentina	58 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	56 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T02C (The Green Sea Turtle): First two things hatchling does next
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	74 (2.0) ▲	92 (1.1) ▲
Finland	69 (2.0) ▲	93 (1.0) ▲
Russian Federation	68 (1.9) ▲	93 (0.9) ▲
Ireland	66 (2.1) ▲	87 (1.6) ▲
Hungary	65 (2.0) ▲	88 (1.5) ▲
England	63 (1.8) ▲	84 (1.6) ▲
Norway (5)	63 (2.2) ▲	92 (1.2) ▲
Sweden	61 (2.4) ▲	89 (1.2) ▲
Hong Kong SAR	61 (2.4) ▲	86 (1.6) ▲
Lithuania	60 (2.6) ▲	83 (1.7) ▲
Belgium (Flemish)	60 (1.9) ▲	90 (1.1) ▲
Macao SAR	60 (1.8) ▲	90 (1.1) ▲
Germany	59 (2.2) ▲	86 (1.4) ▲
Netherlands	59 (2.2) ▲	89 (1.5) ▲
Portugal	59 (1.8) ▲	87 (1.5) ▲
Australia	58 (2.1) ▲	84 (1.9) ▲
Canada	58 (1.7) ▲	84 (1.1) ▲
Northern Ireland	58 (2.4) ▲	85 (1.6) ▲
Austria	58 (2.5) ▲	87 (1.7) ▲
Slovenia	57 (2.6) ▲	87 (1.6) ▲
Slovak Republic	57 (1.8) ▲	82 (1.8) ▲
Czech Republic	57 (2.1) ▲	86 (1.2) ▲
United States	56 (1.8) ▲	82 (1.4) ▲
Bulgaria	55 (2.5) ▲	82 (2.3) ▲
Israel	55 (2.1) ▲	81 (1.6) ▲
Spain	55 (1.5) ▲	86 (1.1) ▲
Singapore	54 (1.7) ▲	90 (1.1) ▲
France	53 (2.4) ▲	82 (1.4) ▲
New Zealand	52 (2.0) ▲	80 (1.5) ▲
Latvia	52 (2.1) ▲	88 (1.8) ▲
Denmark	52 (2.3) ▲	89 (1.5) ▲
Italy	51 (2.2) ▲	86 (1.6) ▲
International Avg.	51 (0.3)	80 (0.2)
Poland	47 (2.6) ▼	79 (2.1) ▼
Belgium (French)	47 (1.9) ▼	79 (1.8) ▼
Kazakhstan	46 (1.7) ▼	76 (1.7) ▼
Bahrain	43 (2.0) ▼	69 (1.8) ▼
Trinidad and Tobago	40 (2.1) ▼	72 (1.8) ▼
Georgia	40 (2.7) ▼	71 (2.5) ▼
Oman	38 (1.7) ▼	59 (1.7) ▼
Azerbaijan	34 (2.3) ▼	63 (2.4) ▼
Iran, Islamic Rep. of	33 (2.7) ▼	73 (2.1) ▼
Malta	33 (2.1) ▼	64 (1.9) ▼
United Arab Emirates	32 (1.1) ▼	63 (1.0) ▼
Qatar	31 (1.2) ▼	62 (1.0) ▼
Chile	28 (2.0) ▼	79 (1.7) ▼
Morocco	10 (1.6) ▼	45 (2.5) ▼
Saudi Arabia	9 (1.4) ▼	55 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	75 (1.8) ▲	95 (0.8) ▲
Quebec, Canada	63 (2.1) ▲	85 (2.1) ▲
Madrid, Spain	56 (1.7) ▲	89 (1.2) ▲
Ontario, Canada	55 (4.1) ▲	82 (2.4) ▲
Norway (4)	51 (2.1) ▲	85 (1.6) ▲
Andalusia, Spain	49 (2.6) ▲	85 (1.6) ▲
Dubai, UAE	47 (1.9) ▼	76 (1.3) ▼
Buenos Aires, Argentina	40 (2.4) ▼	75 (1.8) ▼
Abu Dhabi, UAE	24 (2.0) ▼	54 (2.1) ▼
Eng/Afr/Zulu - RSA (5)	17 (2.3) ▼	41 (2.2) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41T03C (The Green Sea Turtle): When hatchling reaches sand
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hong Kong SAR	68 (2.4) ▲	89 (1.4) ▲
Russian Federation	65 (1.9) ▲	83 (1.5) ▲
Kazakhstan	64 (2.0) ▲	80 (1.7) ▲
Singapore	58 (1.8) ▲	78 (1.5) ▲
Finland	57 (1.9) ▲	82 (1.3) ▲
Macao SAR	57 (2.0) ▲	83 (1.7) ▲
Poland	56 (2.2) ▲	79 (1.9) ▲
Chinese Taipei	54 (2.1) ▲	78 (1.7) ▲
Czech Republic	53 (2.0) ▲	73 (1.6) ▲
Sweden	52 (2.4) ▲	77 (2.2) ▲
Australia	51 (1.9) ▲	73 (1.9) ▲
Northern Ireland	51 (2.5) ▲	74 (2.2) ▲
Slovak Republic	51 (2.0) ▲	72 (2.0) ▲
Austria	50 (2.1) ▲	77 (1.9) ▲
Norway (5)	50 (2.3) ▲	79 (1.6) ▲
Ireland	49 (2.1) ▲	75 (2.2) ▲
Germany	49 (2.4) ▲	71 (2.1) ▲
Bulgaria	49 (2.7) ▲	67 (2.4)
Hungary	48 (2.3) ▲	66 (2.3)
England	48 (1.9) ▲	72 (1.6) ▲
New Zealand	48 (2.1) ▲	71 (1.7) ▲
Lithuania	48 (2.5) ▲	70 (2.5) ▲
Slovenia	45 (2.0) ▲	73 (2.2) ▲
Canada	45 (1.7) ▲	68 (1.5) ▲
Netherlands	44 (2.5)	75 (1.8) ▲
Israel	44 (2.1)	69 (2.2) ▲
Italy	43 (2.1)	73 (2.0) ▲
Denmark	43 (2.3)	69 (2.3) ▲
France	42 (1.9)	68 (2.1)
Spain	42 (1.6)	68 (1.7) ▲
United States	42 (1.9)	67 (2.0)
International Avg.	41 (0.3)	64 (0.3)
Latvia	36 (2.1) ▼	65 (2.2)
Chile	33 (1.8) ▼	52 (2.4) ▼
Trinidad and Tobago	30 (2.0) ▼	56 (2.1) ▼
Portugal	29 (1.9) ▼	60 (2.2)
Belgium (French)	28 (2.2) ▼	56 (2.6) ▼
Belgium (Flemish)	26 (1.7) ▼	53 (1.7) ▼
Azerbaijan	26 (2.2) ▼	51 (2.3) ▼
Qatar	22 (1.6) ▼	45 (1.3) ▼
Georgia	20 (2.0) ▼	41 (2.5) ▼
Malta	19 (1.6) ▼	35 (2.1) ▼
Bahrain	19 (1.4) ▼	43 (1.8) ▼
United Arab Emirates	18 (1.0) ▼	44 (1.4) ▼
Iran, Islamic Rep. of	14 (1.4) ▼	38 (2.2) ▼
Oman	13 (1.0) ▼	38 (1.6) ▼
Saudi Arabia	11 (1.5) ▼	30 (2.2) ▼
Morocco	7 (1.0) ▼	18 (2.0) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	74 (1.8) ▲	90 (1.1) ▲
Madrid, Spain	48 (2.3) ▲	73 (1.6) ▲
Quebec, Canada	45 (3.0)	70 (2.3) ▲
Andalusia, Spain	42 (2.6)	67 (2.4)
Ontario, Canada	42 (3.1)	66 (3.1)
Norway (4)	34 (2.2) ▼	68 (2.3)
Dubai, UAE	34 (1.2) ▼	57 (1.8) ▼
Buenos Aires, Argentina	34 (2.2) ▼	58 (2.3) ▼
Abu Dhabi, UAE	12 (1.7) ▼	37 (2.4) ▼
Eng/Afr/Zulu - RSA (5)	11 (1.6) ▼	26 (2.2) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41T04C (The Green Sea Turtle): Why is the journey a "race for survival?"
Constructed Response (1 Point)

Country	Percent Correct	
Sweden	79 (1.8)	▲
Russian Federation	76 (2.0)	▲
Finland	73 (1.4)	▲
Germany	73 (2.1)	▲
Singapore	70 (1.7)	▲
Austria	69 (2.3)	▲
Czech Republic	69 (1.9)	▲
Chinese Taipei	69 (1.9)	▲
Netherlands	68 (2.0)	▲
Poland	68 (2.0)	▲
Australia	68 (2.1)	▲
Hong Kong SAR	68 (1.8)	▲
England	67 (2.1)	▲
Ireland	66 (2.2)	▲
Denmark	64 (2.1)	▲
Slovenia	63 (2.3)	▲
Norway (5)	62 (2.1)	▲
New Zealand	62 (2.1)	▲
Northern Ireland	62 (2.2)	▲
Hungary	62 (2.6)	▲
Canada	61 (1.5)	▲
United States	61 (2.0)	▲
France	60 (2.4)	▲
Latvia	60 (2.5)	▲
Bulgaria	59 (2.6)	▲
Belgium (Flemish)	58 (2.2)	▲
Slovak Republic	57 (1.8)	▲
Kazakhstan	57 (1.9)	▲
Lithuania	54 (2.9)	
Macao SAR	54 (2.1)	
International Avg.	53 (0.3)	
Portugal	49 (2.1)	
Italy	49 (2.3)	
Israel	48 (2.4)	▼
Spain	45 (1.6)	▼
Chile	45 (1.9)	▼
Belgium (French)	42 (2.2)	▼
Trinidad and Tobago	38 (1.9)	▼
Azerbaijan	36 (2.1)	▼
Georgia	34 (2.5)	▼
Iran, Islamic Rep. of	30 (2.0)	▼
United Arab Emirates	27 (1.0)	▼
Qatar	25 (1.3)	▼
Oman	22 (1.5)	▼
Bahrain	21 (1.7)	▼
Malta	16 (1.6)	▼
Saudi Arabia	15 (1.6)	▼
Morocco	5 (1.0)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	84 (1.4)	▲
Ontario, Canada	61 (3.1)	▲
Madrid, Spain	59 (2.0)	▲
Quebec, Canada	56 (3.1)	
Norway (4)	49 (2.1)	▼
Andalusia, Spain	44 (2.4)	▼
Dubai, UAE	41 (1.5)	▼
Buenos Aires, Argentina	36 (2.2)	▼
Abu Dhabi, UAE	18 (1.7)	▼
Eng/Afr/Zulu - RSA (5)	12 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T05M (The Green Sea Turtle): First thing hatchling does after breaking waves
Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	80 (1.4)	▲
Italy	76 (2.0)	▲
Bulgaria	73 (2.0)	▲
Spain	70 (1.3)	▲
Slovak Republic	67 (1.9)	▲
Latvia	67 (1.8)	▲
Macao SAR	66 (2.0)	▲
Hungary	66 (2.2)	▲
Chinese Taipei	66 (1.7)	▲
Hong Kong SAR	64 (2.6)	▲
Singapore	64 (1.5)	▲
Austria	63 (2.3)	▲
Kazakhstan	63 (2.6)	▲
Lithuania	62 (2.0)	▲
Norway (5)	62 (2.2)	▲
Denmark	61 (2.2)	▲
Germany	61 (2.2)	▲
Israel	61 (1.8)	▲
Finland	59 (2.0)	
Slovenia	59 (2.0)	
England	58 (2.1)	
Australia	58 (1.6)	
Sweden	57 (2.0)	
Ireland	57 (2.3)	
Poland	57 (2.5)	
Oman	57 (1.5)	
Northern Ireland	57 (2.4)	
United States	57 (2.2)	
International Avg.	57 (0.3)	
Trinidad and Tobago	56 (2.3)	
New Zealand	55 (2.0)	
Canada	54 (1.7)	
France	52 (2.0)	▼
Netherlands	52 (2.2)	▼
Bahrain	51 (2.4)	▼
Portugal	49 (2.3)	▼
United Arab Emirates	48 (1.4)	▼
Azerbaijan	48 (2.1)	▼
Belgium (French)	47 (2.1)	▼
Qatar	46 (1.5)	▼
Czech Republic	46 (2.2)	▼
Belgium (Flemish)	46 (1.8)	▼
Georgia	46 (2.5)	▼
Malta	44 (2.4)	▼
Iran, Islamic Rep. of	43 (3.0)	▼
Saudi Arabia	37 (2.1)	▼
Chile	36 (2.0)	▼
Morocco	36 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	83 (1.5)	▲
Madrid, Spain	77 (2.0)	▲
Andalusia, Spain	72 (2.0)	▲
Dubai, UAE	58 (2.1)	
Ontario, Canada	54 (3.0)	
Quebec, Canada	54 (3.1)	
Norway (4)	54 (2.5)	
Buenos Aires, Argentina	52 (2.1)	▼
Eng/Afr/Zulu - RSA (5)	45 (2.4)	▼
Abu Dhabi, UAE	43 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T06C (The Green Sea Turtle): One way environment dangerous
Constructed Response (1 Point)

Country	Percent Correct	
Russian Federation	92 (1.2)	▲
Chinese Taipei	91 (1.2)	▲
Hong Kong SAR	90 (1.3)	▲
Finland	90 (1.1)	▲
Singapore	87 (1.2)	▲
Norway (5)	86 (1.7)	▲
Sweden	86 (1.7)	▲
Ireland	85 (1.7)	▲
Macao SAR	85 (1.7)	▲
Germany	83 (1.6)	▲
Australia	82 (1.5)	▲
Bulgaria	81 (2.4)	▲
Hungary	81 (1.8)	▲
Denmark	81 (2.1)	▲
Netherlands	81 (1.6)	▲
Austria	81 (1.7)	▲
Latvia	80 (2.0)	▲
Canada	80 (1.2)	▲
Slovenia	79 (2.0)	▲
Spain	79 (1.7)	▲
England	79 (1.3)	▲
Czech Republic	79 (1.9)	▲
Kazakhstan	79 (1.8)	▲
New Zealand	78 (1.4)	▲
Italy	78 (1.8)	▲
Portugal	78 (1.9)	▲
United States	78 (1.8)	▲
Northern Ireland	77 (1.8)	▲
Israel	77 (1.6)	▲
Lithuania	77 (2.1)	▲
France	77 (1.8)	▲
Belgium (Flemish)	76 (1.6)	▲
International Avg.	72 (0.3)	
Slovak Republic	71 (2.1)	
Poland	71 (1.8)	
Trinidad and Tobago	64 (2.1)	▼
Malta	63 (2.0)	▼
Belgium (French)	59 (2.3)	▼
Chile	57 (2.1)	▼
Georgia	54 (2.3)	▼
Azerbaijan	52 (2.4)	▼
United Arab Emirates	49 (1.4)	▼
Qatar	47 (1.5)	▼
Iran, Islamic Rep. of	44 (2.3)	▼
Bahrain	38 (2.0)	▼
Oman	37 (1.8)	▼
Morocco	35 (2.2)	▼
Saudi Arabia	31 (2.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	94 (0.9)	▲
Madrid, Spain	83 (1.7)	▲
Quebec, Canada	80 (1.9)	▲
Andalusia, Spain	80 (2.2)	▲
Ontario, Canada	77 (2.4)	
Norway (4)	75 (2.1)	
Dubai, UAE	66 (1.4)	▼
Buenos Aires, Argentina	45 (2.2)	▼
Abu Dhabi, UAE	41 (2.6)	▼
Eng/Afr/Zulu - RSA (5)	30 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T07C (The Green Sea Turtle): Two ways color of shell protects it
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Kazakhstan	48 (2.4) ▲	70 (1.8) ▲
Singapore	48 (1.7) ▲	64 (1.7) ▲
Russian Federation	44 (2.0) ▲	66 (1.8) ▲
Hungary	41 (2.6) ▲	62 (2.4) ▲
Finland	41 (2.2) ▲	61 (2.3) ▲
Poland	37 (2.6) ▲	54 (2.3) ▲
Lithuania	36 (2.4) ▲	61 (2.4) ▲
Czech Republic	35 (1.7) ▲	54 (2.1) ▲
Hong Kong SAR	35 (2.3) ▲	61 (2.4) ▲
Italy	35 (2.1) ▲	56 (2.2) ▲
Slovak Republic	34 (2.0) ▲	56 (2.0) ▲
England	34 (1.8) ▲	56 (1.9) ▲
Northern Ireland	33 (2.1) ▲	52 (2.1) ▲
Bulgaria	32 (2.1) ▲	56 (2.2) ▲
Germany	32 (2.3) ▲	54 (2.5) ▲
Chinese Taipei	31 (2.0) ▲	48 (2.3) ▲
Norway (5)	31 (2.0) ▲	59 (2.0) ▲
Slovenia	31 (2.1) ▲	56 (2.4) ▲
Latvia	30 (2.0) ▲	56 (2.3) ▲
Sweden	29 (2.4) ▲	56 (2.6) ▲
Israel	29 (1.9) ▲	49 (2.2) ▲
Denmark	28 (2.2) ▲	61 (2.4) ▲
Canada	27 (1.4) ▲	46 (1.6) ▲
Ireland	26 (1.8) ▲	50 (2.6) ▲
International Avg.	25 (0.3)	44 (0.3)
Australia	24 (1.8) ▲	48 (2.1) ▲
United States	24 (2.0) ▲	43 (2.3)
Austria	23 (2.2) ▲	45 (2.3)
Spain	22 (1.2) ▼	36 (1.6) ▼
Portugal	22 (1.8) ▲	40 (2.4)
New Zealand	21 (1.6) ▼	41 (2.2)
Macao SAR	20 (1.6) ▼	33 (1.9) ▼
Saudi Arabia	19 (2.0) ▼	32 (2.5) ▼
Belgium (Flemish)	19 (1.6) ▼	36 (2.0) ▼
France	16 (1.6) ▼	34 (2.4) ▼
Belgium (French)	15 (1.5) ▼	32 (2.0) ▼
Azerbaijan	14 (1.7) ▼	28 (2.0) ▼
Trinidad and Tobago	13 (1.7) ▼	30 (2.3) ▼
Qatar	13 (1.2) ▼	28 (1.3) ▼
Oman	12 (1.1) ▼	26 (1.7) ▼
Georgia	11 (1.7) ▼	33 (2.4) ▼
United Arab Emirates	11 (0.7) ▼	25 (1.0) ▼
Netherlands	11 (1.4) ▼	28 (2.2) ▼
Bahrain	9 (1.4) ▼	19 (1.6) ▼
Malta	7 (1.2) ▼	19 (2.0) ▼
Iran, Islamic Rep. of	6 (1.2) ▼	21 (1.9) ▼
Chile	6 (0.9) ▼	14 (1.4) ▼
Morocco	1 (0.5) ▼	8 (1.4) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	54 (2.1) ▲	76 (1.5) ▲
Ontario, Canada	28 (2.5) ▲	47 (3.3)
Madrid, Spain	28 (2.2) ▲	43 (2.3)
Quebec, Canada	24 (2.2) ▲	42 (2.6)
Andalusia, Spain	21 (1.6) ▼	38 (2.2) ▼
Norway (4)	21 (1.9) ▼	44 (2.5)
Dubai, UAE	20 (1.5) ▼	40 (1.7) ▼
Buenos Aires, Argentina	14 (1.7) ▼	29 (2.0) ▼
Abu Dhabi, UAE	7 (1.1) ▼	17 (1.5) ▼
Eng/Afr/Zulu - RSA (5)	4 (1.0) ▼	9 (1.3) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41T08C (The Green Sea Turtle): When does sea turtle hold its breath for 5 hours
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	80 (1.9)	▲
Finland	76 (1.7)	▲
Russian Federation	74 (1.6)	▲
Hong Kong SAR	73 (2.5)	▲
Kazakhstan	72 (1.9)	▲
Singapore	70 (1.5)	▲
Macao SAR	68 (2.1)	▲
Norway (5)	68 (2.0)	▲
Latvia	68 (2.6)	▲
Ireland	67 (2.1)	▲
Sweden	66 (2.6)	▲
Lithuania	64 (2.6)	▲
Bulgaria	63 (2.6)	▲
Denmark	63 (2.5)	▲
Slovak Republic	62 (2.0)	▲
Belgium (Flemish)	62 (2.1)	▲
England	62 (1.9)	▲
Netherlands	61 (2.2)	▲
Czech Republic	61 (2.1)	▲
Northern Ireland	60 (2.3)	▲
Hungary	59 (2.4)	▲
Germany	59 (2.2)	▲
Italy	58 (2.4)	▲
Poland	57 (2.1)	
Israel	55 (2.1)	
Australia	55 (2.0)	
Canada	55 (1.1)	
Slovenia	55 (2.0)	
Austria	54 (2.4)	
International Avg.	53 (0.3)	
United States	52 (2.2)	
France	49 (2.5)	
New Zealand	49 (2.2)	▼
Azerbaijan	45 (2.9)	▼
Portugal	44 (2.4)	▼
Georgia	43 (2.5)	▼
Belgium (French)	37 (2.1)	▼
Trinidad and Tobago	37 (2.0)	▼
Spain	36 (1.8)	▼
United Arab Emirates	35 (1.3)	▼
Bahrain	35 (1.9)	▼
Chile	35 (2.0)	▼
Malta	33 (2.2)	▼
Iran, Islamic Rep. of	30 (1.9)	▼
Qatar	28 (1.1)	▼
Saudi Arabia	27 (2.5)	▼
Oman	24 (1.7)	▼
Morocco	10 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	80 (1.7)	▲
Quebec, Canada	60 (2.4)	▲
Norway (4)	54 (2.4)	
Dubai, UAE	50 (2.2)	
Ontario, Canada	50 (2.0)	
Madrid, Spain	40 (2.1)	▼
Buenos Aires, Argentina	34 (2.0)	▼
Andalusia, Spain	32 (2.0)	▼
Abu Dhabi, UAE	27 (2.3)	▼
Eng/Afr/Zulu - RSA (5)	17 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T09M (The Green Sea Turtle): Feeding habits of an adult green sea turtle
Multiple Choice (Key is C)

Country	Percent Correct	
Bulgaria	70 (2.4)	▲
Ireland	65 (2.1)	▲
Singapore	64 (1.8)	▲
Hungary	63 (2.3)	▲
Russian Federation	62 (2.2)	▲
Germany	61 (2.2)	▲
Lithuania	61 (2.6)	▲
Sweden	60 (2.0)	▲
Netherlands	60 (2.1)	▲
Finland	59 (1.8)	▲
Denmark	58 (2.5)	▲
Latvia	58 (2.4)	▲
Macao SAR	57 (2.1)	▲
Norway (5)	56 (2.3)	▲
England	56 (2.0)	▲
Northern Ireland	56 (2.7)	▲
Austria	55 (2.1)	▲
Australia	55 (2.2)	▲
Slovenia	55 (2.2)	▲
Canada	54 (1.5)	▲
Hong Kong SAR	53 (2.3)	▲
Italy	53 (2.3)	▲
New Zealand	52 (2.0)	▲
Belgium (Flemish)	51 (2.0)	▲
Czech Republic	51 (1.8)	▲
Slovak Republic	51 (1.7)	▲
United States	49 (2.1)	
France	48 (2.2)	
International Avg.	47 (0.3)	
Chinese Taipei	46 (1.8)	
Belgium (French)	44 (2.2)	
Poland	44 (2.2)	
Georgia	44 (2.4)	
Kazakhstan	38 (2.4)	▼
Spain	38 (1.5)	▼
Portugal	37 (2.0)	▼
Israel	37 (2.4)	▼
Trinidad and Tobago	35 (2.2)	▼
United Arab Emirates	34 (1.2)	▼
Azerbaijan	30 (2.3)	▼
Bahrain	29 (1.7)	▼
Qatar	29 (1.2)	▼
Chile	26 (1.7)	▼
Morocco	25 (2.0)	▼
Oman	25 (1.6)	▼
Malta	25 (1.9)	▼
Iran, Islamic Rep. of	25 (2.4)	▼
Saudi Arabia	24 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	66 (1.9)	▲
Quebec, Canada	57 (2.7)	▲
Ontario, Canada	50 (2.7)	
Madrid, Spain	45 (2.1)	
Norway (4)	45 (2.0)	
Dubai, UAE	45 (2.2)	
Andalusia, Spain	37 (2.2)	▼
Buenos Aires, Argentina	31 (2.1)	▼
Abu Dhabi, UAE	30 (1.9)	▼
Eng/Afr/Zulu - RSA (5)	25 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T10C (The Green Sea Turtle): Why does a sea turtle's body fat become green
Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	81 (2.0)	▲
Singapore	80 (1.3)	▲
Chinese Taipei	79 (1.7)	▲
Ireland	79 (1.9)	▲
Russian Federation	79 (1.7)	▲
Sweden	78 (1.9)	▲
Hungary	78 (2.1)	▲
Kazakhstan	77 (1.7)	▲
Macao SAR	74 (2.0)	▲
Norway (5)	73 (1.5)	▲
Finland	73 (1.6)	▲
Latvia	73 (2.3)	▲
Lithuania	71 (2.4)	▲
Denmark	70 (2.3)	▲
England	70 (1.7)	▲
Australia	69 (1.9)	▲
Italy	69 (2.3)	▲
Northern Ireland	68 (2.0)	▲
Netherlands	68 (2.1)	▲
United States	67 (2.3)	▲
New Zealand	67 (1.8)	▲
Bulgaria	67 (2.7)	▲
Austria	67 (2.2)	▲
Germany	65 (1.9)	▲
Canada	64 (1.6)	▲
Czech Republic	62 (2.1)	
Poland	62 (2.2)	
Slovenia	62 (1.9)	
International Avg.	61 (0.3)	
Belgium (Flemish)	61 (2.1)	
France	59 (2.3)	
Israel	59 (1.8)	
Azerbaijan	57 (2.8)	
Portugal	56 (1.8)	▼
Slovak Republic	56 (2.4)	▼
Spain	56 (1.7)	▼
Chile	50 (2.1)	▼
Georgia	48 (2.5)	▼
United Arab Emirates	47 (1.5)	▼
Trinidad and Tobago	44 (2.2)	▼
Bahrain	42 (1.7)	▼
Saudi Arabia	41 (2.2)	▼
Iran, Islamic Rep. of	41 (2.0)	▼
Qatar	40 (1.4)	▼
Belgium (French)	35 (2.4)	▼
Malta	34 (2.1)	▼
Oman	34 (1.8)	▼
Morocco	17 (1.8)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	83 (1.4)	▲
Madrid, Spain	68 (1.9)	▲
Ontario, Canada	64 (3.0)	
Dubai, UAE	61 (2.2)	
Norway (4)	58 (2.2)	
Quebec, Canada	58 (3.0)	
Andalusia, Spain	55 (2.1)	▼
Abu Dhabi, UAE	38 (2.2)	▼
Buenos Aires, Argentina	36 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	26 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T11C (The Green Sea Turtle): Turtle's size and food at stage of life
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Chinese Taipei	45 (2.3) ▲	71 (1.9) ▲	80 (1.6) ▲
Ireland	44 (2.4) ▲	58 (2.1) ▲	68 (2.0) ▲
Russian Federation	39 (2.0) ▲	59 (1.9) ▲	72 (1.8) ▲
United States	38 (2.7) ▲	55 (2.4) ▲	66 (2.4) ▲
Northern Ireland	37 (2.0) ▲	56 (2.1) ▲	64 (2.0) ▲
England	37 (1.7) ▲	52 (2.0) ▲	62 (1.9) ▲
Sweden	36 (2.2) ▲	50 (2.6) ▲	60 (2.5) ▲
Canada	36 (1.4) ▲	51 (1.6) ▲	62 (1.6) ▲
New Zealand	33 (1.7) ▲	47 (2.1) ▲	59 (1.9) ▲
Australia	32 (1.9) ▲	51 (2.2) ▲	61 (1.8) ▲
Norway (5)	31 (1.8) ▲	46 (2.1) ▲	57 (2.1) ▲
Hong Kong SAR	31 (2.0) ▲	59 (2.2) ▲	77 (2.5) ▲
Bulgaria	29 (1.9) ▲	45 (2.3) ▲	58 (2.4) ▲
Finland	29 (1.7) ▲	46 (1.9) ▲	60 (1.8) ▲
Kazakhstan	29 (2.2) ▲	51 (2.4) ▲	69 (2.1) ▲
Hungary	27 (1.9) ▲	43 (2.4) ▲	58 (2.6) ▲
Netherlands	27 (1.7) ▲	43 (2.1) ▲	56 (2.0) ▲
Italy	25 (2.1) ▲	44 (2.5) ▲	56 (2.3) ▲
Germany	24 (1.6)	37 (1.9)	48 (2.2)
Latvia	24 (2.0)	41 (2.4)	57 (2.6) ▲
Austria	23 (1.9)	37 (2.3)	48 (2.5)
Macao SAR	23 (1.7)	51 (2.1) ▲	68 (1.8) ▲
Slovak Republic	23 (1.6)	40 (1.9)	52 (2.2)
International Avg.	22 (0.3)	37 (0.3)	49 (0.3)
Czech Republic	22 (1.6)	38 (2.0)	49 (2.0)
Poland	22 (1.8)	40 (2.4)	56 (2.5) ▲
Lithuania	22 (2.2)	38 (2.7)	53 (2.4)
Spain	22 (1.5)	35 (1.7)	45 (1.8)
Denmark	21 (1.9)	39 (2.6)	47 (2.8)
Slovenia	19 (1.9)	36 (1.8)	49 (1.7)
Portugal	19 (1.5) ▼	32 (2.0) ▼	45 (2.3)
France	18 (1.7) ▼	31 (2.3) ▼	42 (2.3) ▼
Israel	17 (1.5) ▼	37 (2.0)	47 (2.0)
Belgium (Flemish)	17 (1.7) ▼	35 (2.0)	49 (1.9)
Trinidad and Tobago	17 (1.5) ▼	27 (1.9) ▼	36 (2.2) ▼
United Arab Emirates	15 (1.2) ▼	25 (1.5) ▼	34 (1.7) ▼
Azerbaijan	14 (1.7) ▼	23 (2.4) ▼	31 (2.5) ▼
Qatar	12 (1.0) ▼	25 (1.5) ▼	33 (1.5) ▼
Belgium (French)	12 (1.3) ▼	21 (1.7) ▼	35 (2.3) ▼
Georgia	9 (1.5) ▼	18 (2.2) ▼	26 (2.5) ▼
Oman	9 (1.2) ▼	20 (1.9) ▼	28 (2.0) ▼
Malta	7 (1.0) ▼	13 (1.3) ▼	20 (1.7) ▼
Saudi Arabia	6 (1.3) ▼	13 (1.5) ▼	21 (2.1) ▼
Iran, Islamic Rep. of	5 (1.1) ▼	13 (1.3) ▼	19 (1.8) ▼
Bahrain	1 (0.4) ▼	13 (1.3) ▼	22 (1.5) ▼
Chile	0 (0.1) ▼	19 (1.5) ▼	31 (2.1) ▼
Morocco	0 (0.0) ▼	0 (0.1) ▼	3 (0.8) ▼
Singapore	- -	- -	- -

Benchmarking Participants

Moscow City, Russian Fed.	45 (1.8) ▲	65 (1.8) ▲	77 (1.6) ▲
Ontario, Canada	36 (2.3) ▲	51 (2.7) ▲	61 (2.9) ▲
Quebec, Canada	32 (2.7) ▲	46 (3.3) ▲	59 (3.0) ▲
Madrid, Spain	32 (1.9) ▲	49 (2.4) ▲	63 (2.4) ▲
Dubai, UAE	27 (1.5) ▲	41 (2.0)	52 (2.1)
Andalusia, Spain	21 (1.9)	37 (2.1)	47 (2.2)
Norway (4)	17 (1.5) ▼	27 (1.9) ▼	39 (2.3) ▼
Buenos Aires, Argentina	12 (1.6) ▼	22 (2.1) ▼	30 (2.2) ▼
Abu Dhabi, UAE	9 (1.5) ▼	18 (2.0) ▼	25 (2.5) ▼
Eng/Afr/Zulu - RSA (5)	4 (1.0) ▼	9 (1.3) ▼	11 (1.4) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

R41T12M (The Green Sea Turtle): Female sea turtle age lay eggs
Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	86 (1.4)	▲
Sweden	82 (1.6)	▲
Kazakhstan	82 (1.5)	▲
Singapore	81 (1.3)	▲
Finland	81 (1.6)	▲
Chinese Taipei	81 (1.4)	▲
Ireland	80 (1.9)	▲
England	79 (1.3)	▲
Macao SAR	79 (1.8)	▲
Lithuania	78 (1.8)	▲
Slovenia	78 (2.3)	▲
Russian Federation	78 (1.9)	▲
Northern Ireland	77 (1.9)	▲
Hungary	77 (1.9)	▲
Norway (5)	76 (2.2)	▲
Bulgaria	76 (2.0)	▲
Latvia	75 (2.1)	▲
Denmark	75 (1.8)	▲
Czech Republic	75 (1.6)	▲
Australia	75 (1.6)	▲
Belgium (Flemish)	74 (1.9)	▲
Netherlands	74 (1.7)	▲
Poland	74 (1.9)	▲
United States	73 (2.2)	▲
Austria	73 (1.8)	▲
Slovak Republic	73 (1.8)	▲
Germany	70 (2.0)	
International Avg.	69 (0.3)	
Italy	68 (2.0)	
Canada	68 (1.7)	
Spain	68 (1.4)	
France	68 (2.0)	
Azerbaijan	67 (1.7)	
New Zealand	66 (1.8)	
Israel	61 (2.1)	▼
Belgium (French)	61 (2.0)	▼
Malta	59 (1.7)	▼
Trinidad and Tobago	59 (2.4)	▼
Portugal	59 (2.1)	▼
Georgia	56 (2.6)	▼
Saudi Arabia	55 (2.3)	▼
Bahrain	55 (1.8)	▼
Qatar	54 (1.1)	▼
United Arab Emirates	54 (1.3)	▼
Iran, Islamic Rep. of	50 (2.4)	▼
Chile	46 (2.5)	▼
Morocco	38 (2.3)	▼
Oman	31 (1.7)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	81 (1.4)	▲
Quebec, Canada	73 (2.2)	▲
Madrid, Spain	70 (1.9)	
Dubai, UAE	68 (1.2)	
Andalusia, Spain	68 (1.9)	
Ontario, Canada	67 (3.2)	
Norway (4)	62 (2.4)	▼
Eng/Afr/Zulu - RSA (5)	49 (2.6)	▼
Buenos Aires, Argentina	48 (2.7)	▼
Abu Dhabi, UAE	43 (2.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T13M (The Green Sea Turtle): Activity not fully understood by scientists
Multiple Choice (Key is D)

Country	Percent Correct	
Singapore	67 (1.7)	▲
Russian Federation	61 (2.0)	▲
Netherlands	60 (2.4)	▲
Sweden	59 (2.1)	▲
Bulgaria	59 (2.6)	▲
Finland	59 (2.1)	▲
Slovak Republic	58 (2.1)	▲
Latvia	57 (1.9)	▲
Czech Republic	55 (2.0)	▲
Chinese Taipei	55 (2.1)	▲
Australia	55 (2.0)	▲
Hungary	55 (2.1)	▲
Lithuania	54 (2.2)	▲
Norway (5)	53 (2.2)	▲
Poland	53 (2.4)	▲
Denmark	52 (2.8)	▲
Ireland	52 (2.1)	▲
Germany	50 (2.3)	▲
Belgium (Flemish)	50 (2.0)	▲
England	50 (1.9)	▲
Italy	50 (2.3)	▲
United States	49 (2.2)	▲
Northern Ireland	49 (2.4)	
Kazakhstan	49 (2.0)	▲
Canada	49 (1.6)	▲
Portugal	47 (2.3)	
Austria	47 (2.1)	
New Zealand	46 (2.0)	
Israel	46 (1.9)	
Slovenia	45 (2.3)	
International Avg.	45 (0.3)	
France	44 (2.1)	
Hong Kong SAR	43 (2.1)	
Chile	39 (1.9)	▼
Georgia	38 (2.3)	▼
Spain	37 (1.6)	▼
Macao SAR	34 (2.0)	▼
United Arab Emirates	33 (1.3)	▼
Belgium (French)	32 (1.9)	▼
Trinidad and Tobago	30 (2.1)	▼
Qatar	29 (1.3)	▼
Malta	25 (1.7)	▼
Azerbaijan	25 (2.3)	▼
Bahrain	24 (1.9)	▼
Oman	22 (1.4)	▼
Saudi Arabia	19 (1.9)	▼
Iran, Islamic Rep. of	18 (2.0)	▼
Morocco	17 (1.6)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	68 (1.8)	▲
Ontario, Canada	47 (2.5)	
Quebec, Canada	47 (2.6)	
Dubai, UAE	47 (1.7)	
Madrid, Spain	45 (2.1)	
Norway (4)	43 (2.2)	
Andalusia, Spain	37 (2.2)	▼
Buenos Aires, Argentina	31 (2.3)	▼
Abu Dhabi, UAE	28 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	22 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T14C (The Green Sea Turtle): What does this diagram help you to understand
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	74 (1.6)	▲
Poland	68 (1.9)	▲
England	68 (1.7)	▲
Australia	67 (1.7)	▲
Chinese Taipei	64 (1.7)	▲
Canada	63 (1.8)	▲
Latvia	61 (2.0)	▲
United States	61 (2.4)	▲
Kazakhstan	59 (2.4)	▲
Northern Ireland	59 (2.1)	▲
Slovenia	57 (2.5)	▲
Bulgaria	57 (2.3)	▲
New Zealand	54 (2.0)	▲
Ireland	54 (2.4)	▲
Hong Kong SAR	54 (2.9)	▲
Russian Federation	52 (1.7)	▲
Norway (5)	51 (2.2)	▲
Hungary	51 (2.4)	
Denmark	51 (2.3)	
Lithuania	51 (2.5)	
Slovak Republic	49 (2.1)	
Netherlands	49 (1.7)	
Macao SAR	49 (2.3)	
Finland	47 (2.0)	
International Avg.	47 (0.3)	
Trinidad and Tobago	46 (2.2)	
Czech Republic	45 (2.1)	
Italy	45 (2.4)	
Belgium (French)	44 (1.9)	
Georgia	44 (2.6)	
Germany	42 (2.5)	▼
Belgium (Flemish)	42 (2.4)	▼
Bahrain	41 (1.8)	▼
United Arab Emirates	41 (1.3)	▼
Portugal	41 (2.0)	▼
Israel	39 (2.0)	▼
Azerbaijan	39 (2.5)	▼
Austria	39 (2.3)	▼
Qatar	38 (1.2)	▼
France	35 (2.0)	▼
Chile	34 (2.2)	▼
Spain	34 (2.1)	▼
Oman	33 (1.8)	▼
Malta	31 (1.8)	▼
Sweden	30 (2.2)	▼
Saudi Arabia	28 (2.2)	▼
Morocco	13 (1.7)	▼
Iran, Islamic Rep. of	11 (1.4)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	72 (1.7)	▲
Ontario, Canada	64 (2.9)	▲
Dubai, UAE	59 (1.4)	▲
Quebec, Canada	55 (3.3)	▲
Madrid, Spain	41 (2.2)	▼
Norway (4)	35 (2.3)	▼
Andalusia, Spain	34 (2.0)	▼
Abu Dhabi, UAE	29 (1.9)	▼
Buenos Aires, Argentina	23 (1.8)	▼
Eng/Afr/Zulu - RSA (5)	18 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

R41T15M (The Green Sea Turtle): Show you the green sea turtle is special
Multiple Choice (Key is B)

Country	Percent Correct	
Latvia	67 (2.1)	▲
United States	64 (2.1)	▲
Singapore	64 (1.7)	▲
Poland	63 (2.0)	▲
Russian Federation	62 (2.2)	▲
Ireland	62 (2.2)	▲
Bulgaria	61 (2.4)	▲
England	60 (2.0)	▲
Kazakhstan	60 (2.1)	▲
Northern Ireland	60 (2.4)	▲
Netherlands	59 (2.3)	▲
Finland	59 (2.0)	▲
Hong Kong SAR	58 (2.6)	▲
Denmark	58 (2.7)	▲
Australia	57 (1.6)	▲
Norway (5)	56 (2.2)	▲
Hungary	56 (2.3)	▲
Belgium (Flemish)	54 (1.9)	▲
Germany	53 (2.4)	
Sweden	53 (2.3)	
New Zealand	51 (2.2)	
Lithuania	51 (2.5)	
Canada	51 (1.7)	
Austria	50 (2.6)	
Czech Republic	49 (2.2)	
International Avg.	49 (0.3)	
Israel	45 (2.0)	
Macao SAR	45 (2.2)	
Slovak Republic	45 (2.1)	
Belgium (French)	44 (2.1)	▼
Italy	44 (2.3)	▼
Chinese Taipei	43 (2.0)	▼
Georgia	42 (2.3)	▼
United Arab Emirates	42 (1.3)	▼
Chile	40 (2.1)	▼
Saudi Arabia	40 (2.2)	▼
Azerbaijan	39 (2.5)	▼
Qatar	39 (1.5)	▼
Spain	38 (1.4)	▼
Bahrain	38 (1.6)	▼
France	36 (2.2)	▼
Oman	35 (1.6)	▼
Portugal	35 (1.8)	▼
Slovenia	34 (2.2)	▼
Trinidad and Tobago	31 (1.9)	▼
Morocco	23 (2.2)	▼
Iran, Islamic Rep. of	22 (2.4)	▼
Malta	- -	
Benchmarking Participants		
Moscow City, Russian Fed.	64 (2.2)	▲
Dubai, UAE	55 (1.7)	▲
Quebec, Canada	51 (2.8)	
Ontario, Canada	49 (3.2)	
Norway (4)	43 (2.1)	▼
Madrid, Spain	40 (2.3)	▼
Andalusia, Spain	36 (2.0)	▼
Abu Dhabi, UAE	34 (2.0)	▼
Buenos Aires, Argentina	33 (2.0)	▼
Eng/Afr/Zulu - RSA (5)	28 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

R41T16M (The Green Sea Turtle): What does each section tell you about
Multiple Choice (Key is B)

Country	Percent Correct	
Finland	78 (1.6)	▲
Latvia	76 (1.7)	▲
Russian Federation	74 (1.8)	▲
England	74 (1.7)	▲
Bulgaria	73 (2.5)	▲
Sweden	72 (2.3)	▲
Australia	71 (2.0)	▲
Poland	71 (1.8)	▲
Ireland	70 (1.9)	▲
Denmark	69 (2.3)	▲
Northern Ireland	69 (2.1)	▲
Italy	69 (1.8)	▲
Norway (5)	67 (1.9)	▲
Hong Kong SAR	67 (2.3)	▲
Lithuania	67 (2.3)	▲
United States	64 (2.1)	▲
Kazakhstan	63 (2.3)	▲
Netherlands	63 (1.9)	▲
Belgium (Flemish)	62 (1.8)	▲
New Zealand	61 (1.9)	▲
Slovenia	60 (2.4)	
Canada	59 (1.6)	
Singapore	59 (1.5)	
Spain	59 (1.6)	
Chinese Taipei	58 (2.1)	
International Avg.	57 (0.3)	
Macao SAR	55 (2.0)	
Israel	55 (1.8)	
Germany	55 (2.2)	
Austria	52 (2.1)	▼
Hungary	52 (2.3)	▼
Slovak Republic	52 (2.0)	▼
Georgia	48 (2.6)	▼
United Arab Emirates	48 (1.3)	▼
Chile	47 (2.0)	▼
France	47 (2.1)	▼
Trinidad and Tobago	45 (2.3)	▼
Qatar	45 (1.3)	▼
Bahrain	43 (2.1)	▼
Portugal	43 (2.1)	▼
Saudi Arabia	42 (2.2)	▼
Azerbaijan	42 (2.4)	▼
Czech Republic	42 (2.1)	▼
Belgium (French)	41 (2.0)	▼
Oman	37 (1.8)	▼
Malta	36 (2.0)	▼
Iran, Islamic Rep. of	32 (2.2)	▼
Morocco	29 (1.9)	▼
Benchmarking Participants		
Moscow City, Russian Fed.	74 (1.9)	▲
Dubai, UAE	65 (1.4)	▲
Madrid, Spain	62 (2.0)	▲
Andalusia, Spain	61 (2.1)	▲
Ontario, Canada	61 (2.9)	
Quebec, Canada	54 (2.5)	
Norway (4)	46 (2.1)	▼
Abu Dhabi, UAE	38 (2.0)	▼
Buenos Aires, Argentina	38 (2.2)	▼
Eng/Afr/Zulu - RSA (5)	36 (2.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



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