

TIMSS 2011 TCMA National Item Selection

Eighth-Grade Science

[illegible]

TIMSS 2011 TCMA National Item Selection

Eighth-Grade Science

Country Item (pts)			● Item covered in national curriculum														
			Thailand	Tunisia	Turkey	Ukraine	United Arab Emirates	United States	Ninth Grade Countries		Benchmarking Participants		Alberta, Canada	Ontario, Canada	Quebec, Canada	Abu Dhabi, UAE	Dubai, UAE
S01_01	S032611	(1)	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●
S01_02	S032614	(1)	●	●	●	○	●	●	●	●	●	●	○	●	●	●	●
S01_03	S032451	(2)	●	○	●	●	●	●	●	●	●	●	●	●	○	●	●
S01_04	S032156	(1)	●	●	●	●	●	●	●	●	●	●	○	●	○	●	●
S01_05	S032056	(1)	●	○	●	●	●	●	●	●	●	○	●	●	○	●	●
S01_06	S032087	(1)	●	○	●	○	●	○	●	○	●	○	○	○	○	●	●
S01_07	S032279	(1)	●	○	●	●	●	○	●	●	●	○	○	●	○	●	●
S01_08	S032238	(1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●
S01_09	S032369	(2)	●	●	●	●	○	●	●	○	○	○	○	○	○	●	●
S01_10	S032160	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S01_11	S032654	(1)	●	○	●	●	●	●	●	●	●	○	○	●	○	●	●
S01_12	S032126	(1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S01_13	S032510	(1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S01_14	S032158	(1)	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●
S02_01	S052093	(1)	●	○	●	○	●	●	●	●	○	○	○	○	●	●	●
S02_02	S052088	(1)	●	○	●	●	●	●	●	●	●	○	○	○	○	●	●
S02_03	S052030	(1)	●	●	●	●	●	●	●	●	●	○	○	○	○	●	●
S02_04	S052080	(1)	●	○	●	○	●	●	●	○	●	○	○	○	○	●	●
S02_05	S052091	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S02_06	S052152	(1)	●	●	●	●	●	●	●	●	●	○	○	○	○	●	●
S02_07	S052136	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●
S02_08	S052046	(1)	●	●	●	●	●	●	●	●	●	●	○	○	○	○	●
S02_09	S052254	(1)	●	○	●	●	●	●	●	●	●	●	○	○	○	○	●
S02_10	S052207	(1)	●	●	●	●	●	●	●	○	●	●	○	○	○	○	●
S02_11A	S052165A	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S02_11B	S052165B	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S02_11C	S052165C	(1)	●	○	●	●	●	○	●	●	○	○	○	○	○	○	●
S02_12	S052297	(1)	●	○	●	●	●	●	○	●	○	○	○	○	○	○	●
S02_13	S052032	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S02_14	S052106	(1)	●	●	●	●	○	●	●	●	○	○	○	○	○	○	●
S03_01	S042304	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_02	S042038	(1)	●	○	●	○	●	○	●	●	○	○	○	○	○	○	●
S03_03	S042298	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_04	S042261	(1)	●	○	●	●	●	●	●	○	○	○	○	○	○	○	●
S03_05A	S042051A	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_05B	S042051B	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_06	S042076	(1)	●	●	●	●	●	●	○	●	○	○	○	○	○	○	●
S03_07	S042404	(2)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_08	S042306	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_09	S042403	(1)	●	●	●	○	●	●	●	●	○	○	○	○	○	○	●
S03_10	S042272	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_11	S042100	(2)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_12A	S042238A	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_12B	S042238B	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_12C	S042238C	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_13	S042141	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●
S03_14	S042215	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S04_01	S052261	(1)	●	○	●	○	●	●	●	●	○	○	○	○	○	○	●
S04_02Z	S052092Z	(2)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●
S04_03A	S052263A	(1)	●	○	●	●	●	●	●	●	○	○	○	○	○	○	●

Country Item (pts)			● Item covered in national curriculum																○ Item not covered in national curriculum															
			Armenia	Australia	Chile	Chinese Taipei	England	Finland	Hong Kong SAR	Hungary	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Kazakhstan	Korea, Rep. of	Lebanon	Lithuania	Macedonia, Rep. of	Malaysia	Morocco	New Zealand	Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Singapore	Slovenia	Sweden		
S04_03B	S052263B	(1)	●	●	●	●	●	●	●	●	●	○	●	●	○	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●		
S04_04	S052265	(1)	●	●	○	●	●	○	○	●	●	○	●	●	○	○	○	●	●	●	○	●	○	○	○	○	●	○	○	●	○	●		
S04_05	S052280	(1)	●	●	○	●	●	●	●	●	●	●	●	●	○	○	○	○	●	●	○	●	●	○	●	○	○	○	○	○	○	○		
S04_06	S052256	(1)	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_07Z	S052043Z	(1)	●	○	○	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_08	S052194	(1)	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_09	S052179	(1)	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_10	S052233	(1)	●	○	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_11	S052159	(1)	●	●	●	●	●	●	●	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_12A	S052289A	(1)	●	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_12B	S052289B	(1)	●	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S04_12C	S052289C	(1)	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_01	S032542	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_02	S032645	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_03Z	S032530Z	(2)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_04	S032007	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_05	S032502	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_06	S032679	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_07	S032184	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_08	S032394	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_09	S032151	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_10A	S032651A	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_10B	S032651B	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_11A	S032665A	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_11B	S032665B	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S05_11C	S032665C	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_01	S042073	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_02	S042017	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_03	S042007	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_04	S042024	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_05	S042095	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_06	S042022	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_07	S042063	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_08	S042197	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_09	S042297	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_10	S042305	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_11	S042112	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_12Z	S042173Z	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_13	S042407	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_14	S042278	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_15	S042274	(1)	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S06_17	S042317	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_01	S032465	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_02	S032315	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_03	S032306	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_04	S032640	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_05	S032579	(1)	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_06	S032570	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_07	S032024	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S07_08	S032272	(1)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		

Eighth-Grade Science

- Item covered in national curriculum

Eighth-Grade Science

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Eighth-Grade Science

Country Item (pts)			● Item covered in national curriculum						Ninth Grade Countries		Benchmarking Participants																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Thailand	Tunisia	Turkey	Ukraine	United Arab Emirates	United States																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
S07_09	S032141	(1)	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Country Item (pts)			● Item covered in national curriculum																○ Item not covered in national curriculum															
			Armenia	Australia	Chile	Chinese Taipei	England	Finland	Hong Kong SAR	Hungary	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Kazakhstan	Korea, Rep. of	Lebanon	Lithuania	Macedonia, Rep. of	Malaysia	Morocco	New Zealand	Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Singapore	Slovenia	Sweden		
S10_14	S052116	(2)	●	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	●	●	○	●	●	●		
S10_15	S052110	(1)	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	○	●	●	●	●	○	●	●	○	●	●	●		
S11_01	S042042	(1)	●	●	●	●	●	●	●	●	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S11_02	S042030	(1)	●	●	○	●	○	○	●	●	●	○	●	○	○	●	○	●	●	●	●	○	●	●	●	●	○	●	●	●	●	○		
S11_03	S042003	(1)	●	●	○	●	○	●	●	●	●	○	●	○	○	●	●	●	●	●	●	○	●	●	●	○	●	●	●	●	○	○		
S11_04	S042110	(1)	●	●	○	●	○	○	●	●	●	●	○	●	○	○	●	●	●	●	○	●	●	●	●	○	●	●	○	○	○	○		
S11_05A	S042222A	(1)	●	○	●	●	○	●	●	●	●	●	○	●	○	○	●	●	●	●	○	●	●	●	○	○	●	●	●	○	○	○		
S11_05B	S042222B	(1)	●	○	●	●	○	●	●	●	●	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_05C	S042222C	(1)	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_06	S042065	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_07	S042280	(1)	●	●	●	●	●	●	●	●	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_08	S042088	(1)	●	●	○	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_09	S042218	(1)	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_10	S042104	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_11	S042064	(1)	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_12	S042273	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_13	S042301	(1)	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_14	S042312	(1)	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_15	S042217	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S11_16	S042406	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S12_01A	S052090A	(1)	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S12_01B	S052090B	(1)	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S12_02	S052262	(1)	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S12_03	S052267	(1)	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
S12_04	S052273	(2)	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		

TIMSS 2011 TCMA National Item Selection

Eighth-Grade Science

● Item covered in national curriculum

Item (pts)			Country						Ninth Grade Countries	Bencharking Participants
			Thailand	Tunisia	Turkey	Ukraine	United Arab Emirates	United States		
S10_14	S052116	(2)	●	○	●	●	●	●	●	●
S10_15	S052110	(1)	●	●	●	●	●	●	●	●
S11_01	S042042	(1)	●	●	●	●	●	●	●	●
S11_02	S042030	(1)	●	●	●	●	●	●	○	●
S11_03	S042003	(1)	●	○	●	●	●	○	○	●
S11_04	S042110	(1)	●	○	●	●	●	●	●	○
S11_05A	S042222A	(1)	●	●	●	●	●	●	●	○
S11_05B	S042222B	(1)	●	●	●	●	●	●	●	○
S11_05C	S042222C	(1)	●	○	●	●	●	●	●	○
S11_06	S042065	(1)	●	●	●	○	●	●	●	●
S11_07	S042280	(1)	●	●	●	●	●	●	●	○
S11_08	S042088	(1)	●	●	●	○	●	●	●	●
S11_09	S042218	(1)	●	●	●	●	●	●	●	●
S11_10	S042104	(1)	●	○	●	●	●	●	○	●
S11_11	S042064	(1)	●	●	●	●	●	●	●	●
S11_12	S042273	(1)	●	●	●	●	●	●	●	○
S11_13	S042301	(1)	●	○	●	●	●	●	●	●
S11_14	S042312	(1)	●	○	●	●	●	●	●	●
S11_15	S042217	(1)	●	●	●	●	●	●	●	○
S11_16	S042406	(1)	●	●	●	●	●	●	●	●
S12_01A	S052090A	(1)	●	○	●	●	●	●	●	○
S12_01B	S052090B	(1)	●	○	●	●	●	●	●	○
S12_02	S052262	(1)	●	○	●	○	●	●	○	●
S12_03	S052267	(1)	●	○	●	○	●	●	○	●
S12_04	S052273	(2)	●	○	●	●	●	●	●	○