

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

		Country																								
		Item (pts)																								
		Australia	Bahrain	Bosnia and Herzegovina	Botswana	Chinese Taipei	Colombia	Cyprus	Czech Republic	Egypt	England	Georgia	Ghana	Hong Kong SAR	Hungary	Indonesia	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Korea, Rep. of	Lebanon	Morocco	Malta	Malaysia
S01_01	S032115 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_02	S032565 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_03	S032403 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_04	S032273 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_05A	S032019A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_05B	S032019B (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_06	S032516 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_07	S032620 (1)	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_08A	S032693A (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_08B	S032693B (1)	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_09	S032695 (2)	●	○	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_10D	S032697D (2)	●	○	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_01	S042009 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_02	S042313 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_03	S042059 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_04	S042011 (1)	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_05	S042028 (1)	○	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_06	S042001 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_07	S042276 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_08	S042279 (1)	○	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_09	S042083 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_10	S042106 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_11	S042071 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_12	S042101 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_13	S042307 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_14	S042405 (1)	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_15A	S042244A (1)	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_15B	S042244B (1)	●	●	○	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_16	S042153 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_01	S022183 (1)	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_02	S022276 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_03	S022115 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_04	S022022 (1)	●	●	●	●	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_05	S022019 (1)	●	●	●	●	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_06	S022002 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_07	S022294 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_09	S022244 (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_10	S022150 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_11	S022042 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_12	S022289 (2)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_13	S022069 (1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_14	S022268 (1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_01	S042013 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_02	S042006 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_03	S042310 (2)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_04	S042052 (2)	●	○	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_05	S042054 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_06	S042043 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_07	S042196 (1)	○	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_08	S042061 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

TIMSS 2007 TCMA National Item Selection

		Country																		
		Item (pts)																		
		Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Scotland	Serbia	Singapore	Slovenia	Sweden	Syrian Arab Republic	Thailand	Tunisia	Turkey	United States			
S01_01	S032115 (1)	○	●	●	●	●	●	○	●	●	●	●	●	●	●	○	●	●	●	
S01_02	S032565 (1)	○	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	
S01_03	S032403 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_04	S032273 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_05A	S032019A (1)	○	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S01_05B	S032019B (1)	○	●	○	●	●	●	○	●	○	●	●	●	●	●	●	●	●	●	
S01_06	S032516 (1)	●	●	●	●	●	●	○	●	○	●	●	●	●	●	●	●	●	●	
S01_07	S032620 (1)	○	○	○	●	●	●	○	●	○	●	●	●	●	●	●	○	●	●	
S01_08A	S032693A (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S01_08B	S032693B (1)	○	●	●	●	●	●	○	●	○	●	●	●	●	●	●	●	●	●	
S01_09	S032695 (2)	●	●	○	●	●	●	○	●	○	●	●	●	●	●	●	●	○	●	
S01_10D	S032697D (2)	○	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S02_01	S042009 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_02	S042313 (1)	●	●	●	●	●	●	●	○	●	○	●	●	●	●	●	●	●	●	
S02_03	S042059 (1)	○	○	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	
S02_04	S042011 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_05	S042028 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_06	S042001 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_07	S042276 (1)	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	
S02_08	S042279 (1)	○	●	●	●	○	○	○	○	●	●	●	●	●	●	●	○	●	●	
S02_09	S042083 (2)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_10	S042106 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_11	S042071 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_12	S042101 (1)	○	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	
S02_13	S042307 (1)	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_14	S042405 (1)	●	●	○	●	●	●	○	○	○	●	●	●	●	●	●	●	●	●	
S02_15A	S042244A (1)	○	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_15B	S042244B (1)	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S02_16	S042153 (1)	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_01	S022183 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_02	S022276 (1)	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	
S03_03	S022115 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_04	S022022 (1)	○	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_05	S022019 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_06	S022002 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_07	S022294 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_09	S022244 (1)	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_10	S022150 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_11	S022042 (1)	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S03_12	S022289 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_13	S022069 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S03_14	S022268 (1)	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	
S04_01	S042013 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_02	S042006 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_03	S042310 (2)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_04	S042052 (2)	●	●	○	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	
S04_05	S042054 (1)	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S04_06	S042043 (1)	○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S04_07	S042196 (1)	○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	
S04_08	S042061 (1)	○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	

Eighth-Grade Science

		Benchmarking Participants																		
		Basque Country, Spain	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		British Columbia, Canada	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Dubai, UAE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Massachusetts, US	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Minnesota, US	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Ontario, Canada	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Quebec, Canada	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

Item (pts)	Country	Australia	Bahrain	Bosnia and Herzegovina	Botswana	Chinese Taipei	Colombia	Cyprus	Czech Republic	Egypt	England	Georgia	Ghana	Hong Kong SAR	Hungary	Indonesia	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Korea, Rep. of	Lebanon	Morocco	Malta	Malaysia
S04_09	S042292 (2)	●	●				●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_10	S042109 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_11A	S042232A (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_11B	S042232B (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_11C	S042232C (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_12	S042294 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_13	S042149 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_14	S042155 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S04_15	S042150 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_01	S022290 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_02	S022292 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_03	S022054 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_04	S022181 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_05	S022208 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_06	S022078 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_07	S022126 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_08	S022281 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_09	S032385 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_10	S032035 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_11	S032519 (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_12	S032683 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_13	S032258 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_14A	S032120A (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S05_14B	S032120B (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_01	S042304 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_02	S042038 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_03	S042298 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_04	S042261 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_05A	S042051A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_05B	S042051B (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_06	S042076 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_07	S042404 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_08	S042306 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_09	S042403 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_10	S042272 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_11	S042100 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_12A	S042238A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_12B	S042238B (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_13	S042141 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S06_14	S042215 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_01	S032606 (1)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_02	S032015 (1)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_03D	S032310D (2)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_04	S032680 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_05	S032672 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_06	S032392 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_07	S032425 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_08	S032257 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_09	S032663 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S07_10	S032660 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

TIMSS 2007 TCMA National Item Selection

		Country																		
		Item (pts)																		
		Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Scotland	Serbia	Singapore	Slovenia	Sweden	Syrian Arab Republic	Thailand	Tunisia	Turkey	United States			
S04_09	S042292 (2)	○	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	
S04_10	S042109 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_11A	S042232A (1)	○	●	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	
S04_11B	S042232B (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_11C	S042232C (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_12	S042294 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_13	S042149 (1)	●	●	●	○	●	○	○	●	○	●	●	●	●	●	●	●	●	●	
S04_14	S042155 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S04_15	S042150 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_01	S022290 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_02	S022292 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_03	S022054 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_04	S022181 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_05	S022208 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_06	S022078 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_07	S022126 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_08	S022281 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_09	S032385 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_10	S032035 (1)	○	○	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	
S05_11	S032519 (1)	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_12	S032683 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_13	S032258 (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_14A	S032120A (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S05_14B	S032120B (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_01	S042304 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_02	S042038 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_03	S042298 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_04	S042261 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_05A	S042051A (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_05B	S042051B (1)	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_06	S042076 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_07	S042404 (2)	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	
S06_08	S042306 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_09	S042403 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_10	S042272 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_11	S042100 (2)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	
S06_12A	S042238A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_12B	S042238B (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_13	S042141 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S06_14	S042215 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_01	S032606 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_02	S032015 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_03D	S032310D (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_04	S032680 (2)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	
S07_05	S032672 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_06	S032392 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_07	S032425 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_08	S032257 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_09	S032663 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_10	S032660 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Eighth-Grade Science

		Benchmarking Participants									
		Basque Country, Spain	●	●	●	●	●	●	●	●	●
		British Columbia, Canada	●	●	●	●	●	●	●	●	●
		Dubai, UAE	●	●	●	●	●	●	●	●	●
		Massachusetts, US	●	●	●	●	●	●	●	●	●
		Minnesota, US	●	●	●	●	●	●	●	●	●
		Ontario, Canada	●	●	●	●	●	●	●	●	●
		Quebec, Canada	○	○	○	○	○	○	○	○	○

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

Item (pts)	Country	Australia	Bahrain	Bosnia and Herzegovina	Botswana	Chinese Taipei	Colombia	Cyprus	Czech Republic	Egypt	England	Georgia	Ghana	Hong Kong SAR	Hungary	Indonesia	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Korea, Rep. of	Lebanon	Morocco	Malta	Malaysia
S07_11 S032555 (1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S07_12 S032122 (1)	●	○	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_01 S042053 (1)	●	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_02 S042408 (1)	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_03 S042015 (1)	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_04 S042309 (1)	○	○	●	○	●	●	●	○	○	○	○	○	○	●	○	●	●	●	●	●	●	●	●	●	●	
S08_05A S042049A (1)	●	○	●	●	●	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_05B S042049B (1)	●	○	●	●	●	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_06 S042182 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_07 S042402 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_08A S042228A (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_08B S042228B (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_08C S042228C (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_09 S042126 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_10 S042210 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_11 S042176 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_12 S042211 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_13 S042135 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S08_14 S042257 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_01 S032542 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_02 S032645 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_03D S032530D (2)	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_04 S032007 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_05 S032502 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_06 S032679 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_07 S032184 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_08 S032394 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_09 S032151 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_10A S032651A (1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_10B S032651B (1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_11A S032665A (1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_11B S032665B (1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S09_11C S032665C (1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_01 S042073 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_02 S042017 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_03 S042007 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_04 S042024 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_05 S042095 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_06 S042022 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_07 S042063 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_08 S042197 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_09 S042297 (2)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_10 S042305 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_11 S042112 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_12 S042173 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_13 S042407 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_14 S042278 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_15 S042274 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S10_17 S042317 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S11_01 S032465 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

TIMSS 2007 TCMA National Item Selection

		Country																		
		Item (pts)																		
		Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Scotland	Serbia	Singapore	Slovenia	Sweden	Syrian Arab Republic	Thailand	Tunisia	Turkey	United States			
S07_11	S032555	(1)	●	●	○	○	○	●	●	●	●	●	●	●	●	○	●	●	●	●
S07_12	S032122	(1)	●	●	○	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●
S08_01	S042053	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_02	S042408	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_03	S042015	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_04	S042309	(1)	○	●	○	○	●	○	○	●	○	●	●	●	●	●	●	●	●	●
S08_05A	S042049A	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_05B	S042049B	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_06	S042182	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_07	S042402	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_08A	S042228A	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_08B	S042228B	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_08C	S042228C	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_09	S042126	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_10	S042210	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_11	S042176	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_12	S042211	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_13	S042135	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S08_14	S042257	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_01	S032542	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_02	S032645	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_03D	S032530D	(2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_04	S032007	(1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_05	S032502	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_06	S032679	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_07	S032184	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_08	S032394	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_09	S032151	(1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_10A	S032651A	(1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_10B	S032651B	(1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S09_11A	S032665A	(1)	○	○	○	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●
S09_11B	S032665B	(1)	○	○	○	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●
S09_11C	S032665C	(1)	○	○	○	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●
S10_01	S042073	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_02	S042017	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_03	S042007	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_04	S042024	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_05	S042095	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_06	S042022	(1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_07	S042063	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_08	S042197	(1)	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●
S10_09	S042297	(2)	●	○	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●
S10_10	S042305	(2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_11	S042112	(1)	●	●	●	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●
S10_12	S042173	(2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_13	S042407	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_14	S042278	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_15	S042274	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S10_17	S042317	(2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_01	S032465	(1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Eighth-Grade Science

		Benchmarking Participants																		
		Basque Country, Spain																		
		British Columbia, Canada																		
		Dubai, UAE																		
		Massachusetts, US																		
		Minnesota, US																		
		Ontario, Canada																		
		Quebec, Canada																		

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

Item (pts)	Country	Australia	Bahrain	Bosnia and Herzegovina	Botswana	Chinese Taipei	Colombia	Cyprus	Czech Republic	Egypt	England	Georgia	Ghana	Hong Kong SAR	Hungary	Indonesia	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Korea, Rep. of	Lebanon	Morocco	Malta	Malaysia
S11_02 S032315 (1)	●	○	●	●	○	●	●	○	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_03 S032306 (2)	●	●	●	●	○	●	●	○	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_04 S032640 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_05 S032579 (1)	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_06 S032570 (1)	●	○	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_07 S032024 (1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_08 S032272 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_09 S032141 (1)	●	●	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_10 S032060 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_11 S032463 (1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_12D S032650D (2)	●	●	●	●	○	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_13 S032514 (1)	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_01 S042042 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_02 S042030 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_03 S042003 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_04 S042110 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05A S042222A (1)	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05B S042222B (1)	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05C S042222C (1)	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_06 S042065 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_07 S042280 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_08 S042088 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_09 S042218 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_10 S042104 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_11 S042064 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_12 S042273 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_13 S042301 (1)	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_14 S042312 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_15 S042217 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_16 S042406 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_01 S032611 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_02 S032614 (1)	●	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_03 S032451 (2)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_04 S032156 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_05 S032056 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_06 S032087 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_07 S032279 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_08 S032238 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_09 S032369 (2)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_10 S032160 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_11 S032654 (1)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_12 S032126 (1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_13 S032510 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_14 S032158 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_01 S042258 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_02 S042005 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_03 S042016 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04A S042300A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04B S042300B (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04C S042300C (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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		Country																		
		Item (pts)																		
		Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Scotland	Serbia	Singapore	Slovenia	Sweden	Syrian Arab Republic	Thailand	Tunisia	Turkey	United States			
S11_02	S032315 (1)	●	○	○	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●
S11_03	S032306 (2)	●	●	●	○	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●
S11_04	S032640 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_05	S032579 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_06	S032570 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_07	S032024 (1)	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_08	S032272 (1)	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_09	S032141 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_10	S032060 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_11	S032463 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_12D	S032650D (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S11_13	S032514 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_01	S042042 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_02	S042030 (1)	●	●	○	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●
S12_03	S042003 (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_04	S042110 (1)	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05A	S042222A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05B	S042222B (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_05C	S042222C (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_06	S042065 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_07	S042280 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_08	S042088 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_09	S042218 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_10	S042104 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_11	S042064 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_12	S042273 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_13	S042301 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_14	S042312 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_15	S042217 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S12_16	S042406 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_01	S032611 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_02	S032614 (1)	●	●	○	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_03	S032451 (2)	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_04	S032156 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_05	S032056 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_06	S032087 (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_07	S032279 (1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_08	S032238 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_09	S032369 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_10	S032160 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_11	S032654 (1)	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_12	S032126 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_13	S032510 (1)	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S13_14	S032158 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_01	S042258 (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_02	S042005 (2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_03	S042016 (1)	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04A	S042300A (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04B	S042300B (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S14_04C	S042300C (1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

		Country																								
		Item (pts)																								
		Australia	Bahrain	Bosnia and Herzegovina	Botswana	Chinese Taipei	Colombia	Cyprus	Czech Republic	Egypt	England	Georgia	Ghana	Hong Kong SAR	Hungary	Indonesia	Iran, Islamic Rep. of	Israel	Italy	Japan	Jordan	Korea, Rep. of	Lebanon	Morocco	Malta	Malaysia
S14_05	S042319	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_06	S042068	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_07	S042216	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_08	S042249	(1)	●	○	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_09	S042094	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_10A	S042293A	(1)	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_10B	S042293B	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_11	S042195	(1)	○	●	●	●	○	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_12	S042400	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
S14_14	S042164	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		

TIMSS 2007 TCMA National Item Selection
Eighth-Grade Science

		Country															
		Item (pts)															
		Norway	Oman	Palestinian Nat'l Auth.	Qatar	Romania	Russian Federation	Scotland	Serbia	Singapore	Slovenia	Sweden	Syrian Arab Republic	Thailand	Tunisia	Turkey	United States
S14_05	S042319	(1)	●	●	●	●	○	●	●	●	●	●	●	●	●	●	
S14_06	S042068	(1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
S14_07	S042216	(1)	●	●	●	●	●	●	○	○	●	●	●	●	●	●	
S14_08	S042249	(1)	○	●	○	○	●	●	●	●	○	●	●	●	○	●	
S14_09	S042094	(1)	●	●	●	●	●	○	○	●	●	●	●	●	●	●	
S14_10A	S042293A	(1)	●	●	●	●	●	●	●	●	●	○	●	●	●	●	
S14_10B	S042293B	(1)	●	●	○	●	●	○	●	●	●	●	●	●	○	●	
S14_11	S042195	(1)	○	○	●	○	●	●	○	○	○	●	●	●	●	●	
S14_12	S042400	(1)	●	●	●	●	●	●	○	●	●	●	●	●	●	●	
S14_14	S042164	(1)	●	●	●	●	●	●	●	●	○	●	●	●	●	●	