

Exhibit 13: Number of TIMSS Mathematics Topics Intended to Be Taught by the End of Eighth Grade

Reported by National Research Coordinators

Country	All Mathematics (22 Topics)			Number (3 Topics)			Algebra (7 Topics)		
	Topics Taught to All or Almost All Students	Topics Taught to Only the More Able Students (Top Track)	Not Included in the Curriculum Through Grade 8	Topics Taught to All or Almost All Students	Topics Taught to Only the More Able Students (Top Track)	Not Included in the Curriculum Through Grade 8	Topics Taught to All or Almost All Students	Topics Taught to Only the More Able Students (Top Track)	Not Included in the Curriculum Through Grade 8
Australia	16	3	3	3	0	0	4	1	2
Bahrain	22	0	0	3	0	0	7	0	0
Chile	20	0	2	3	0	0	6	0	1
Chinese Taipei	14	0	8	3	0	0	5	0	2
Cyprus	17	0	5	3	0	0	6	0	1
Egypt	20	1	1	3	0	0	5	1	1
England	22	0	0	3	0	0	7	0	0
Finland	17	3	2	3	0	0	5	2	0
France	15	0	7	3	0	0	3	0	4
Georgia	16	0	6	3	0	0	7	0	0
Hong Kong SAR	17	0	5	3	0	0	5	0	2
Hungary	19	0	3	3	0	0	6	0	1
Iran, Islamic Rep. of	17	0	5	3	0	0	3	0	4
Ireland	18	3	1	3	0	0	7	0	0
Israel	22	0	0	3	0	0	7	0	0
Italy	16	2	4	3	0	0	4	0	3
Japan	20	0	2	3	0	0	6	0	1
Jordan	22	0	0	3	0	0	7	0	0
Kazakhstan	22	0	0	3	0	0	7	0	0
Korea, Rep. of	19	0	3	3	0	0	6	0	1
Kuwait	22	0	0	3	0	0	7	0	0
Lebanon	14	0	8	3	0	0	4	0	3
Lithuania	16	0	6	3	0	0	4	0	3
Malaysia	22	0	0	3	0	0	7	0	0
Morocco	22	0	0	3	0	0	7	0	0
New Zealand	17	3	2	3	0	0	4	2	1
Norway	21	0	1	3	0	0	7	0	0
Oman	21	0	1	3	0	0	6	0	1
Portugal	21	0	1	3	0	0	7	0	0
Qatar	21	0	1	3	0	0	6	0	1
Romania	12	9	1	3	0	0	4	3	0
Russian Federation	18	2	2	3	0	0	7	0	0
Saudi Arabia	22	0	0	3	0	0	7	0	0
Singapore	17	3	2	3	0	0	5	2	0
South Africa	20	0	2	3	0	0	5	0	2
Sweden	16	0	6	3	0	0	5	0	2
Turkey	18	0	4	3	0	0	6	0	1
United Arab Emirates	22	0	0	3	0	0	7	0	0
United States	22	0	0	3	0	0	7	0	0
International Average	19	1	2	3	0	0	6	0	1
Benchmarking Participants									
Ontario, Canada	18	0	4	3	0	0	4	0	3
Quebec, Canada	15	0	7	3	0	0	2	0	5
Moscow City, Russian Fed.	18	2	2	3	0	0	7	0	0
Gauteng, South Africa	Same as South Africa								
Western Cape, South Africa	Same as South Africa								
Abu Dhabi, UAE	Same as United Arab Emirates								
Dubai, UAE	Same as United Arab Emirates								

Because of rounding some results may appear inconsistent.

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Reported by National Research Coordinators

(Continued)

Country	Geometry (6 Topics)			Data and Probability (6 Topics)		
	Topics Taught to All or Almost All Students	Topics Taught to Only the More Able Students (Top Track)	Not Included in the Curriculum Through Grade 8	Topics Taught to All or Almost All Students	Topics Taught to Only the More Able Students (Top Track)	Not Included in the Curriculum Through Grade 8
Australia	3	2	1	6	0	0
Bahrain	6	0	0	6	0	0
Chile	5	0	1	6	0	0
Chinese Taipei	3	0	3	3	0	3
Cyprus	3	0	3	5	0	1
Egypt	6	0	0	6	0	0
England	6	0	0	6	0	0
Finland	5	1	0	4	0	2
France	4	0	2	5	0	1
Georgia	3	0	3	3	0	3
Hong Kong SAR	6	0	0	3	0	3
Hungary	6	0	0	4	0	2
Iran, Islamic Rep. of	6	0	0	5	0	1
Ireland	4	2	0	4	1	1
Israel	6	0	0	6	0	0
Italy	5	1	0	4	1	1
Japan	6	0	0	5	0	1
Jordan	6	0	0	6	0	0
Kazakhstan	6	0	0	6	0	0
Korea, Rep. of	5	0	1	5	0	1
Kuwait	6	0	0	6	0	0
Lebanon	5	0	1	2	0	4
Lithuania	5	0	1	4	0	2
Malaysia	6	0	0	6	0	0
Morocco	6	0	0	6	0	0
New Zealand	5	0	1	5	1	0
Norway	6	0	0	5	0	1
Oman	6	0	0	6	0	0
Portugal	6	0	0	5	0	1
Qatar	6	0	0	6	0	0
Romania	5	1	0	0	5	1
Russian Federation	4	1	1	4	1	1
Saudi Arabia	6	0	0	6	0	0
Singapore	5	0	1	4	1	1
South Africa	6	0	0	6	0	0
Sweden	3	0	3	5	0	1
Turkey	5	0	1	4	0	2
United Arab Emirates	6	0	0	6	0	0
United States	6	0	0	6	0	0
International Average	5	0	1	5	0	1
Benchmarking Participants						
Ontario, Canada	6	0	0	5	0	1
Quebec, Canada	4	0	2	6	0	0
Moscow City, Russian Fed.	4	1	1	4	1	1
Gauteng, South Africa	Same as South Africa					
Western Cape, South Africa	Same as South Africa					
Abu Dhabi, UAE	Same as United Arab Emirates					
Dubai, UAE	Same as United Arab Emirates					