

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 (20 topics)			Number (5 topics)			Algebra (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	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
Armenia	17	0	3	5	0	0	6	0	0
Australia	20	0	0	5	0	0	6	0	0
Bahrain	19	0	1	5	0	0	5	0	1
Botswana	19	0	1	4	0	1	6	0	0
Canada	16	0	4	4	0	1	4	0	2
Chile	20	0	0	5	0	0	6	0	0
Chinese Taipei	14	1	5	5	0	0	4	1	1
Egypt	–	–	–	–	–	–	–	–	–
England	20	0	0	5	0	0	6	0	0
Georgia	15	0	5	4	0	1	4	0	2
Hong Kong SAR	17	0	3	5	0	0	6	0	0
Hungary	19	0	1	5	0	0	5	0	1
Iran, Islamic Rep. of	20	0	0	5	0	0	6	0	0
Ireland	–	–	–	–	–	–	–	–	–
Israel	14	4	2	4	0	1	6	0	0
Italy	17	2	1	5	0	0	3	2	1
Japan	19	0	1	4	0	1	6	0	0
Jordan	20	0	0	5	0	0	6	0	0
Kazakhstan	18	0	1	5	0	0	6	0	0
Korea, Rep. of	19	0	1	4	0	1	6	0	0
Kuwait	20	0	0	5	0	0	6	0	0
Lebanon	20	0	0	5	0	0	6	0	0
Lithuania	13	0	7	4	0	1	3	0	3
Malaysia	17	0	3	5	0	0	5	0	1
Malta	15	2	3	4	0	1	3	2	1
Morocco	13	0	7	4	0	1	2	0	4
New Zealand	16	2	2	5	0	0	3	2	1
Norway	20	0	0	5	0	0	6	0	0
Oman	3	10	7	1	2	2	0	3	3
Qatar	13	1	6	4	0	1	4	0	2
Russian Federation	20	0	0	5	0	0	6	0	0
Saudi Arabia	20	0	0	5	0	0	6	0	0
Singapore	18	0	2	4	0	1	6	0	0
Slovenia	15	0	5	5	0	0	4	0	2
South Africa	20	0	0	5	0	0	6	0	0
Sweden	18	0	2	4	0	1	5	0	1
Thailand	17	2	1	5	0	0	4	2	0
Turkey	18	0	2	5	0	0	4	0	2
United Arab Emirates	20	0	0	5	0	0	6	0	0
United States	20	0	0	5	0	0	6	0	0
International Avg.	17	1	2	5	0	0	5	0	1

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

Benchmarking Participants—Responses Pertain to Benchmarking Provinces/Emirates/States

Buenos Aires, Argentina	14	0	6	4	0	1	5	0	1
Ontario, Canada	18	0	2	5	0	0	4	0	2
Quebec, Canada	14	1	5	4	0	1	3	0	3
Abu Dhabi, UAE	15	5	0	4	1	0	3	3	0
Dubai, UAE	20	0	0	5	0	0	6	0	0
Florida, US	20	0	0	5	0	0	6	0	0

A dash (–) indicates data not provided.

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

Country	Geometry (6 topics)			Data and Chance (3 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
Armenia	6	0	0	0	0	3
Australia	6	0	0	3	0	0
Bahrain	6	0	0	3	0	0
Botswana	6	0	0	3	0	0
Canada	5	0	1	3	0	0
Chile	6	0	0	3	0	0
Chinese Taipei	5	0	1	0	0	3
Egypt	–	–	–	–	–	–
England	6	0	0	3	0	0
Georgia	4	0	2	3	0	0
Hong Kong SAR	5	0	1	1	0	2
Hungary	6	0	0	3	0	0
Iran, Islamic Rep. of	6	0	0	3	0	0
Ireland	–	–	–	–	–	–
Israel	6	0	0	3	0	0
Italy	6	0	0	3	0	0
Japan	6	0	0	3	0	0
Jordan	6	0	0	3	0	0
Kazakhstan	4	0	1	3	0	0
Korea, Rep. of	6	0	0	3	0	0
Kuwait	6	0	0	3	0	0
Lebanon	6	0	0	3	0	0
Lithuania	4	0	2	2	0	1
Malaysia	6	0	0	1	0	2
Malta	5	0	1	3	0	0
Morocco	5	0	1	2	0	1
New Zealand	5	0	1	3	0	0
Norway	6	0	0	3	0	0
Oman	0	4	2	2	1	0
Qatar	3	0	3	2	1	0
Russian Federation	6	0	0	3	0	0
Saudi Arabia	6	0	0	3	0	0
Singapore	5	0	1	3	0	0
Slovenia	5	0	1	1	0	2
South Africa	6	0	0	3	0	0
Sweden	6	0	0	3	0	0
Thailand	6	0	0	2	0	1
Turkey	6	0	0	3	0	0
United Arab Emirates	6	0	0	3	0	0
United States	6	0	0	3	0	0
International Avg.	5	0	0	2	0	1

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

Benchmarking Participants—Responses Pertain to Benchmarking Provinces/Emirates/States

Buenos Aires, Argentina	4	0	2	1	0	2
Ontario, Canada	6	0	0	3	0	0
Quebec, Canada	5	0	1	2	1	0
Abu Dhabi, UAE	5	1	0	3	0	0
Dubai, UAE	6	0	0	3	0	0
Florida, US	6	0	0	3	0	0