

Exhibit 11: Number of TIMSS Mathematics Topics Intended to Be Taught by the End of Fourth Grade

Reported by National Research Coordinators

Country	All Mathematics (17 topics)			Number (8 topics)			Geometric Shapes and Measures (7 topics)			Data Display (2 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 4	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 4	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 4	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 4
Armenia	13	0	4	7	0	1	6	0	1	0	0	2
Australia	15	2	0	7	1	0	6	1	0	2	0	0
Bahrain	16	0	1	8	0	0	6	0	1	2	0	0
Belgium (Flemish)	17	0	0	8	0	0	7	0	0	2	0	0
Bulgaria	12	0	5	5	0	3	5	0	2	2	0	0
Canada	14	0	3	7	0	1	5	0	2	2	0	0
Chile	17	0	0	8	0	0	7	0	0	2	0	0
Chinese Taipei	15	0	2	7	0	1	6	0	1	2	0	0
Croatia	10	0	7	5	0	3	5	0	2	0	0	2
Cyprus	15	2	0	6	2	0	7	0	0	2	0	0
Czech Republic	9	3	5	5	0	3	3	2	2	1	1	0
Denmark	16	1	0	8	0	0	6	1	0	2	0	0
England	17	0	0	8	0	0	7	0	0	2	0	0
Finland	16	0	1	8	0	0	6	0	1	2	0	0
France	11	4	2	4	3	1	5	1	1	2	0	0
Georgia	17	0	10	5	0	3	2	0	5	0	0	2
Germany	10	2	5	5	0	3	3	2	2	2	0	0
Hong Kong SAR	12	0	5	6	0	2	4	0	3	2	0	0
Hungary	14	0	3	6	0	2	6	0	1	2	0	0
Indonesia	13	0	4	8	0	0	5	0	2	0	0	2
Iran, Islamic Rep. of	17	0	0	8	0	0	7	0	0	2	0	0
Ireland	17	0	0	8	0	0	7	0	0	2	0	0
Italy	11	1	5	5	0	3	5	1	1	1	0	1
Japan	15	0	2	7	0	1	6	0	1	2	0	0
Jordan	17	0	0	8	0	0	7	0	0	2	0	0
Kazakhstan	8	1	8	5	0	3	3	1	3	0	0	2
Korea, Rep. of	13	0	4	7	0	1	4	0	3	2	0	0
Kuwait	17	0	0	8	0	0	7	0	0	2	0	0
Lithuania	13	0	4	6	0	2	5	0	2	2	0	0
Morocco	11	0	6	6	0	2	5	0	2	0	0	2
Netherlands	7	0	10	3	0	5	2	0	5	2	0	0
New Zealand	13	4	0	7	1	0	5	2	0	1	1	0
Northern Ireland	12	1	4	6	0	2	4	1	2	2	0	0
Norway	13	0	4	7	0	1	4	0	3	2	0	0
Oman	8	9	0	4	4	0	4	3	0	0	2	0
Poland	12	0	5	5	0	3	5	0	2	2	0	0
Portugal	17	0	0	8	0	0	7	0	0	2	0	0
Qatar	13	0	4	8	0	0	4	0	3	1	0	1
Russian Federation	11	0	6	6	0	2	4	0	3	1	0	1
Saudi Arabia	17	0	0	8	0	0	7	0	0	2	0	0
Serbia	13	0	4	6	0	2	5	0	2	2	0	0
Singapore	13	0	4	7	0	1	4	0	3	2	0	0
Slovak Republic	8	0	9	4	0	4	2	0	5	2	0	0
Slovenia	12	0	5	6	0	2	4	0	3	2	0	0
South Africa	17	0	0	8	0	0	7	0	0	2	0	0
Spain	8	1	8	2	0	6	5	0	2	1	1	0
Sweden	17	0	0	8	0	0	7	0	0	2	0	0
Turkey	16	0	1	8	0	0	6	0	1	2	0	0
United Arab Emirates	15	0	2	8	0	0	5	0	2	2	0	0
United States	14	0	3	8	0	0	4	0	3	2	0	0
International Avg.	13	1	3	7	0	1	5	0	2	2	0	0

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

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

Buenos Aires, Argentina	9	0	8	6	0	2	3	0	4	0	0	2
Ontario, Canada	17	0	0	8	0	0	7	0	0	2	0	0
Quebec, Canada	9	3	5	4	1	3	5	0	2	0	2	0
Abu Dhabi, UAE	16	0	1	8	0	0	6	0	1	2	0	0
Dubai, UAE	17	0	0	8	0	0	7	0	0	2	0	0
Florida, US	14	0	3	8	0	0	4	0	3	2	0	0