

# 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 (7 Topics)			Measurement and Geometry (7 Topics)			Data (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 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
Albania	10	0	7	7	0	0	3	0	4	0	0	3
Armenia	16	0	1	6	0	1	7	0	0	3	0	0
Australia	14	2	1	6	1	0	5	1	1	3	0	0
Austria	15	0	2	6	0	1	6	0	1	3	0	0
Azerbaijan	12	0	5	5	0	2	4	0	3	3	0	0
Bahrain	17	0	0	7	0	0	7	0	0	3	0	0
Belgium (Flemish)	17	0	0	7	0	0	7	0	0	3	0	0
Bosnia and Herzegovina	10	0	7	3	0	4	7	0	0	0	0	3
Bulgaria	13	0	4	5	0	2	5	0	2	3	0	0
Canada	15	0	2	7	0	0	5	0	2	3	0	0
Chile	17	0	0	7	0	0	7	0	0	3	0	0
Chinese Taipei	11	1	5	6	0	1	2	1	4	3	0	0
Croatia	9	1	7	3	0	4	6	1	0	0	0	3
Cyprus	7	10	0	3	4	0	3	4	0	1	2	0
Czech Republic	10	4	3	5	0	2	4	2	1	1	2	0
Denmark	17	0	0	7	0	0	7	0	0	3	0	0
England	14	0	3	7	0	0	4	0	3	3	0	0
Finland	15	1	1	6	1	0	6	0	1	3	0	0
France	11	4	2	3	3	1	5	1	1	3	0	0
Georgia	10	0	7	4	0	3	3	0	4	3	0	0
Germany	13	1	3	5	0	2	5	1	1	3	0	0
Hong Kong SAR	14	0	3	5	0	2	6	0	1	3	0	0
Hungary	14	0	3	5	0	2	6	0	1	3	0	0
Iran, Islamic Rep. of	17	0	0	7	0	0	7	0	0	3	0	0
Ireland	17	0	0	7	0	0	7	0	0	3	0	0
Italy	14	0	3	7	0	0	4	0	3	3	0	0
Japan	16	0	1	6	0	1	7	0	0	3	0	0
Kazakhstan	17	0	0	7	0	0	7	0	0	3	0	0
Korea, Rep. of	14	0	3	6	0	1	6	0	1	2	0	1
Kosovo	13	0	4	6	0	1	6	0	1	1	0	2
Kuwait	17	0	0	7	0	0	7	0	0	3	0	0
Latvia	14	0	3	6	0	1	5	0	2	3	0	0
Lithuania	16	0	1	6	0	1	7	0	0	3	0	0
Malta	16	0	1	7	0	0	6	0	1	3	0	0
Montenegro	15	0	2	5	0	2	7	0	0	3	0	0
Morocco	14	0	3	7	0	0	7	0	0	0	0	3
Netherlands	8	3	6	3	0	4	4	1	2	1	2	0
New Zealand	11	6	0	6	1	0	3	4	0	2	1	0
North Macedonia	4	8	5	2	5	0	1	2	4	1	1	1
Northern Ireland	13	1	3	5	0	2	5	1	1	3	0	0
Norway	9	0	8	6	0	1	2	0	5	1	0	2
Oman	10	0	7	7	0	0	2	0	5	1	0	2
Pakistan	14	0	3	7	0	0	5	0	2	2	0	1
Philippines	17	0	0	7	0	0	7	0	0	3	0	0
Poland	15	1	1	5	1	1	7	0	0	3	0	0

Because of rounding, some results may appear inconsistent.

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Portugal	17	0	0	7	0	0	7	0	0	3	0	0
Qatar	16	0	1	7	0	0	7	0	0	2	0	1
Russian Federation	12	0	5	5	0	2	5	0	2	2	0	1
Saudi Arabia	17	0	0	7	0	0	7	0	0	3	0	0
Serbia	12	0	5	5	0	2	7	0	0	0	0	3
Singapore	15	0	2	6	0	1	6	0	1	3	0	0
Slovak Republic	12	0	5	5	0	2	4	0	3	3	0	0
South Africa	14	0	3	6	0	1	5	0	2	3	0	0
Spain	13	0	4	5	0	2	6	0	1	2	0	1
Sweden	12	0	5	5	0	2	5	0	2	2	0	1
Turkey	11	0	6	6	0	1	4	0	3	1	0	2
United Arab Emirates	17	0	0	7	0	0	7	0	0	3	0	0
United States	17	0	0	7	0	0	7	0	0	3	0	0
<b>International Average</b>	<b>14</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>
<b>Benchmarking Participants</b>												
Ontario, Canada	17	0	0	7	0	0	7	0	0	3	0	0
Quebec, Canada	16	0	1	7	0	0	6	0	1	3	0	0
Moscow City, Russian Fed.	12	0	5	5	0	2	5	0	2	2	0	1
Madrid, Spain	Same as Spain											
Abu Dhabi, UAE	Same as United Arab Emirates											
Dubai, UAE	Same as United Arab Emirates											