

Exhibit 9: Instructional Time Devoted to Mathematics and Science Curricula at the Eighth Grade

Reported by National Research Coordinators

Country	Percentage of Total Instructional Time	
	Mathematics	Science
Australia	Varies by state (approximately 12%)	Varies by state (approximately 10%)
Bahrain	20%	13%
Chile	16–18% (recommended)	10–12% (recommended)
Chinese Taipei	10–15%	8–11%
Cyprus	11%	14%
Egypt	Approximately 15–20%	Approximately 10–15%
England	Not specified in curriculum	Not specified in curriculum
Finland	14%	19%
France	14%	12%
Georgia	16%	25%
Hong Kong SAR	12–15%	10–15%
Hungary	10–15% (recommended)	15–20% (recommended)
Iran, Islamic Rep. of	13%	10%
Ireland	Not specified in curriculum	Not specified in curriculum
Israel	14%	14%
Italy	13%	7%
Japan	10%	14%
Jordan	15%	13%
Kazakhstan	14%	6%
Korea, Rep. of	11%	12%
Kuwait	14%	11%
Lebanon	14%	17%
Lithuania	13%	20%
Malaysia	12%	12%
Morocco	13%	13%
New Zealand	Not specified in curriculum	Not specified in curriculum
Norway	12%	10%
Oman	17.5%	15%
Portugal	13%	20%
Qatar	Not specified in curriculum	12%
Romania	Not specified in curriculum	Not specified in curriculum
Russian Federation	16%	19%
Saudi Arabia	14%	11%
Singapore	13–18%	9–14%
South Africa	16%	11%
Sweden	15%	12%
Turkey	Not specified in curriculum, but approximately 20%	Not specified in curriculum, but approximately 11%
United Arab Emirates	20%	15%
United States	Varies by school district	Varies by school district
Benchmarking Participants		
Ontario, Canada	20%	Not specified in curriculum
Quebec, Canada	17%	11%
Moscow City, Russian Fed.	16%	19%
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	