

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

Reported by National Research Coordinators

Country	Percent of Total Instructional Time	
	Mathematics	Science
Armenia	16%	7%
Australia	Varies by state (approximately 18%)	Varies by state (approximately 7%)
Bahrain	17%	10%
Belgium (Flemish)	18%	7%
Bulgaria	18%	7%
Canada	Varies by province	Varies by province
Chile	Varies by school (approximately 13–17%)	Varies by school (approximately 8–10%)
Chinese Taipei	10–15%	10–15%
Croatia	22%	17%
Cyprus	14%	6%
Czech Republic	Not specified in curriculum	Not specified in curriculum
Denmark	11%	7%
England	Not specified in curriculum	Not specified in curriculum
Finland	Not specified in curriculum	Not specified in curriculum
France	21%	9%
Georgia	20%	16%
Germany	Varies by state (approximately 15%)	Varies by state (approximately 7%)
Hong Kong SAR	12–15%	Not specified in curriculum
Hungary	17–23%	4–8%
Indonesia	17%	8%
Iran, Islamic Rep. of	16%	12%
Ireland	19%	4% (recommended)
Italy	Not specified in curriculum	Not specified in curriculum
Japan	18%	11%
Jordan	15%	12%
Kazakhstan	Not specified in curriculum	Not specified in curriculum
Korea, Rep. of	14%	10%
Kuwait	14%	9%
Lithuania	18%	8%
Morocco	18%	5%
Netherlands	Not specified in curriculum	Not specified in curriculum
New Zealand	Not specified in curriculum	Not specified in curriculum
Northern Ireland	Not specified in curriculum	Not specified in curriculum
Norway	12–17%	6%
Oman	15%	13%
Poland	18%	13%
Portugal	28%	Varies by school/teacher (approximately 8%)
Qatar	18%	10%
Russian Federation	15%	8%
Saudi Arabia	16%	10%
Serbia	25%	Not specified in curriculum
Singapore	20%	8%
Slovak Republic	15%	12%
Slovenia	21%	13%
South Africa	22%	13%
Spain	15–19%	6–8%
Sweden	15%	12%
Turkey	13%	10%
United Arab Emirates	20%	10%
United States	Varies by school district	Varies by school district

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

Exhibit 9: Instructional Time Devoted to Mathematics and Science Curricula at the Fourth Grade (Continued)

Country	Percent of Total Instructional Time	
	Mathematics	Science
Benchmarking Participants—Responses Pertain to Benchmarking Provinces/Emirates/States		
Buenos Aires, Argentina	Not specified in curriculum	Not specified in curriculum
Ontario, Canada	Not specified in curriculum	Not specified in curriculum
Quebec, Canada	20%	Not specified in curriculum
Abu Dhabi, UAE	15%	11%
Dubai, UAE	Not specified in curriculum	Not specified in curriculum
Florida, US	Not specified in curriculum	Not specified in curriculum

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