

Exhibit 15: Methods Used to Evaluate the Implementation of Mathematics and Science Curricula at the Fourth Grade

Reported by National Research Coordinators

Country	Visits by Inspectors		School Self-Evaluation		Research Programs		National or Regional Examinations	
	Mathematics	Science	Mathematics	Science	Mathematics	Science	Mathematics	Science
Albania	●	●	●	●	○	○	●	●
Armenia	●	●	●	●	○	○	●	○
Australia	○	○	●	●	○	○	●	●
Austria	●	○	○	○	○	○	●	○
Azerbaijan	●	●	●	●	●	●	●	●
Bahrain	●	●	●	●	○	●	●	●
Belgium (Flemish)	●	●	○	○	○	○	●	●
Bosnia and Herzegovina	●	●	●	●	○	○	●	○
Bulgaria	●	●	○	○	○	○	●	●
Canada	○	○	●	●	●	○	●	●
Chile	●	●	●	●	○	○	●	●
Chinese Taipei	●	●	●	●	○	○	○	○
Croatia	●	●	●	●	○	○	●	●
Cyprus	●	●	○	○	○	○	○	○
Czech Republic	●	●	●	●	○	○	○	○
Denmark	○	○	●	●	●	●	●	○
England	●	●	●	●	○	○	●	○
Finland	○	○	●	●	●	●	●	●
France	●	●	○	○	○	○	●	●
Georgia	●	●	●	●	●	●	○	○
Germany	●	●	●	●	○	○	●	○
Hong Kong SAR	●	●	●	●	●	●	●	○
Hungary	●	●	●	●	○	○	○	○
Iran, Islamic Rep. of	○	○	○	○	●	●	○	●
Ireland	●	●	●	●	●	●	○	○
Italy	○	○	●	●	○	○	○	○
Japan	●	●	●	●	●	●	●	●
Kazakhstan	●	●	●	●	●	●	●	●
Korea, Rep. of	●	●	●	●	●	●	○	○
Kosovo	●	●	●	●	●	●	●	●
Kuwait	●	●	●	●	●	●	●	●
Latvia	●	●	●	●	●	●	●	●
Lithuania	●	●	●	●	○	○	○	○
Malta	●	●	●	●	○	○	●	●
Montenegro	●	●	●	●	○	○	●	●
Morocco	●	●	●	●	●	○	●	●
Netherlands	●	●	●	○	○	○	○	○
New Zealand	●	●	●	●	●	●	○	○
North Macedonia	●	●	●	●	○	○	○	○
Northern Ireland	●	●	●	●	●	●	○	○
Norway	○	○	○	○	○	○	○	○
Oman	●	●	●	●	●	●	●	●
Pakistan	●	●	●	●	○	○	○	○
Philippines	●	●	●	●	●	●	●	●
Poland	●	●	●	●	○	○	●	○
Portugal	○	○	●	●	○	○	●	○

● Yes
○ No

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(Continued)

Country	Visits by Inspectors		School Self-Evaluation		Research Programs		National or Regional Examinations	
	Mathematics	Science	Mathematics	Science	Mathematics	Science	Mathematics	Science
Qatar	●	●	●	●	○	○	●	●
Russian Federation	○	○	●	●	●	●	○	○
Saudi Arabia	●	●	●	●	○	○	●	●
Serbia	●	●	●	●	○	○	○	○
Singapore	○	○	●	●	○	○	●	●
Slovak Republic	●	●	●	●	○	○	●	○
South Africa	○	○	●	●	○	○	○	○
Spain	○	○	●	●	○	○	●	●
Sweden	●	●	●	●	●	●	●	●
Turkey	○	○	●	●	●	●	●	●
United Arab Emirates	●	●	●	●	●	●	●	●
United States	●	●	●	●	●	●	●	●
Benchmarking Participants								
Ontario, Canada	○	○	●	●	●	○	●	○
Quebec, Canada	○	○	●	●	○	○	●	○
Moscow City, Russian Fed.	○	○	●	●	●	●	○	○
Madrid, Spain	Same as Spain							
Abu Dhabi, UAE	Same as United Arab Emirates							
Dubai, UAE	Same as United Arab Emirates							

● Yes
○ No