

# Exhibit 16: Methods Used to Evaluate the Implementation of Mathematics and Science Curricula at the Eighth 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
Australia	○	○	●	●	○	○	●	●
Bahrain	●	●	●	●	○	●	●	●
Chile	●	●	●	●	○	○	●	●
Chinese Taipei	●	●	●	●	○	○	○	○
Cyprus	●	●	●	○	○	○	○	○
Egypt	●	●	●	●	○	●	●	●
England	●	●	●	●	○	○	●	●
Finland	○	○	●	●	●	●	●	●
France	●	●	○	○	●	●	●	●
Georgia	●	●	●	●	●	●	○	○
Hong Kong SAR	●	●	●	●	●	●	●	○
Hungary	●	●	●	●	○	○	○	○
Iran, Islamic Rep. of	●	○	○	○	●	●	○	●
Ireland	●	●	●	●	●	●	○	○
Israel	●	●	●	●	○	○	●	●
Italy	○	○	●	●	○	○	●	●
Japan	●	●	●	●	●	●	●	●
Jordan	●	●	●	●	●	●	●	●
Kazakhstan	●	●	●	●	●	●	●	●
Korea, Rep. of	●	●	●	●	●	●	●	●
Kuwait	●	●	●	●	●	●	●	●
Lebanon	○	○	●	●	○	○	●	○
Lithuania	●	●	●	●	○	○	○	○
Malaysia	●	●	●	●	●	●	●	●
Morocco	●	●	○	●	○	○	●	●
New Zealand	●	●	●	●	●	●	○	○
Norway	○	○	○	○	○	○	●	●
Oman	●	●	●	●	●	●	●	●
Portugal	○	○	●	●	○	○	●	○
Qatar	●	●	●	●	○	●	●	●
Romania	●	●	●	●	●	●	●	●
Russian Federation	○	○	●	●	●	○	○	○
Saudi Arabia	●	●	●	●	○	○	●	●
Singapore	○	○	●	●	○	○	●	●
South Africa	○	○	●	●	○	○	○	○
Sweden	●	●	●	●	●	●	●	●
Turkey	○	○	●	●	●	●	○	○
United Arab Emirates	●	●	●	●	●	●	●	●
United States	●	●	●	●	●	●	●	●

● 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
<b>Benchmarking Participants</b>								
Ontario, Canada	○	○	●	●	●	○	●	○
Quebec, Canada	○	○	●	●	○	○	●	●
Moscow City, Russian Fed.	○	○	●	●	●	○	○	○
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							

- Yes
- No