

Exhibit 5.11: Participation Rates (Unweighted) – TIMSS 2015 – Eighth Grade

Country	School Participation		Class Participation	Student Participation	Overall Participation	
	Before Replacement	After Replacement			Before Replacement	After Replacement
Armenia	100%	100%	100%	100%	100%	100%
Australia	100%	100%	100%	100%	100%	100%
Austria	100%	100%	100%	100%	100%	100%
Belgium	100%	100%	100%	100%	100%	100%
Canada	100%	100%	100%	100%	100%	100%
Chile	100%	100%	100%	100%	100%	100%
Czechia	100%	100%	100%	100%	100%	100%
Denmark	100%	100%	100%	100%	100%	100%
Ecuador	100%	100%	100%	100%	100%	100%
France	100%	100%	100%	100%	100%	100%
Germany	100%	100%	100%	100%	100%	100%
Greece	100%	100%	100%	100%	100%	100%
Guatemala	100%	100%	100%	100%	100%	100%
Hong Kong	100%	100%	100%	100%	100%	100%
Hungary	100%	100%	100%	100%	100%	100%
Indonesia	100%	100%	100%	100%	100%	100%
Israel	100%	100%	100%	100%	100%	100%
Italy	100%	100%	100%	100%	100%	100%
Japan	100%	100%	100%	100%	100%	100%
Latvia	100%	100%	100%	100%	100%	100%
Lithuania	100%	100%	100%	100%	100%	100%
Malaysia	100%	100%	100%	100%	100%	100%
Mexico	100%	100%	100%	100%	100%	100%
Netherlands	100%	100%	100%	100%	100%	100%
New Zealand	100%	100%	100%	100%	100%	100%
Norway	100%	100%	100%	100%	100%	100%
Poland	100%	100%	100%	100%	100%	100%
Portugal	100%	100%	100%	100%	100%	100%
Romania	100%	100%	100%	100%	100%	100%
Saudi Arabia	100%	100%	100%	100%	100%	100%
Singapore	100%	100%	100%	100%	100%	100%
Slovakia	100%	100%	100%	100%	100%	100%
Slovenia	100%	100%	100%	100%	100%	100%
South Africa	100%	100%	100%	100%	100%	100%
South Korea	100%	100%	100%	100%	100%	100%
Spain	100%	100%	100%	100%	100%	100%
Sweden	100%	100%	100%	100%	100%	100%
Switzerland	100%	100%	100%	100%	100%	100%
Taiwan	100%	100%	100%	100%	100%	100%
Tanzania	100%	100%	100%	100%	100%	100%
Turkey	100%	100%	100%	100%	100%	100%
Ukraine	100%	100%	100%	100%	100%	100%
United States	100%	100%	100%	100%	100%	100%
United Kingdom	100%	100%	100%	100%	100%	100%
Uruguay	100%	100%	100%	100%	100%	100%
Vietnam	100%	100%	100%	100%	100%	100%
Yemen	100%	100%	100%	100%	100%	100%
Zimbabwe	100%	100%	100%	100%	100%	100%

