

# TIMSS 2011

## TIMSS 2011 Within-country Scoring Reliability for the Fourth Grade Constructed-response Science Items

**TIMSS 2011 Within-country Scoring Reliability for the Fourth Grade Constructed-response Science Items**

Country	Correctness Score Agreement			Diagnostic Score Agreement		
	Average of Exact Percent Agreement Across Items	Range of Exact Percent Agreement		Average of Exact Percent Agreement Across Items	Range of Exact Percent Agreement	
		Minimum	Maximum		Minimum	Maximum
Armenia	99	92	100	98	87	100
Australia	93	75	100	90	73	100
Austria	99	95	100	98	93	100
Azerbaijan	99	89	100	98	89	100
Bahrain	98	86	100	96	77	100
Belgium (Flemish)	94	83	100	92	78	99
Chile	95	81	100	93	77	100
Chinese Taipei	94	82	100	92	78	100
Croatia	96	79	100	94	76	100
Czech Republic	96	83	100	94	83	100
Denmark	100	99	100	100	99	100
England	97	88	100	96	88	100
Finland	95	85	100	94	80	100
Georgia	91	72	100	84	57	99
Germany	95	86	100	94	82	100
Hong Kong SAR	100	98	100	99	96	100
Hungary	100	98	100	99	98	100
Iran, Islamic Rep. of	99	92	100	98	91	100
Ireland	99	97	100	98	96	100
Italy	97	90	100	96	84	100
Japan	91	73	99	88	62	99
Kazakhstan	100	99	100	99	97	100
Korea, Rep. of	100	100	100	100	100	100
Kuwait	99	97	100	97	91	100
Lithuania	98	95	100	98	92	100
Malta	93	81	100	89	70	99
Morocco	93	78	100	86	61	100
Netherlands	91	76	100	89	69	100
New Zealand	96	89	100	95	87	100

**TIMSS 2011 Within-country Scoring Reliability for the Fourth Grade Constructed-response Science Items (Continued)**

Country	Correctness Score Agreement			Diagnostic Score Agreement		
	Average of Exact Percent Agreement Across Items	Range of Exact Percent Agreement		Average of Exact Percent Agreement Across Items	Range of Exact Percent Agreement	
		Minimum	Maximum		Minimum	Maximum
Northern Ireland	98	87	100	97	87	100
Norway	94	75	100	93	75	100
Oman	97	89	100	93	82	99
Poland	99	96	100	99	94	100
Portugal	97	83	100	96	82	100
Qatar	99	95	100	98	92	100
Romania	99	96	100	98	94	100
Russian Federation	99	97	100	99	95	100
Saudi Arabia	99	97	100	99	96	100
Serbia	98	89	100	97	89	100
Singapore	100	99	100	100	99	100
Slovak Republic	99	95	100	98	92	100
Slovenia	98	93	100	97	92	100
Spain	94	88	100	92	80	100
Sweden	95	77	100	94	77	100
Thailand	100	96	100	99	95	100
Tunisia	98	95	100	97	88	100
Turkey	99	96	100	98	92	100
United Arab Emirates	94	79	99	90	75	99
United States	96	85	100	95	81	100
Yemen	97	86	100	91	58	99
<b>International Avg.</b>	<b>97</b>	<b>89</b>	<b>100</b>	<b>95</b>	<b>85</b>	<b>100</b>
<b>Sixth Grade Countries</b>						
Botswana	94	82	99	91	77	99
Honduras	94	77	100	91	75	99
Yemen	94	78	100	91	74	98
<b>Benchmarking Participants</b>						
Alberta, Canada	97	88	100	96	85	100
Ontario, Canada	97	84	100	96	82	100
Quebec, Canada	98	90	100	97	83	100
Abu Dhabi, UAE	93	79	99	89	67	99
Dubai, UAE	94	80	100	91	76	99
Florida, US	96	83	100	94	80	100
North Carolina, US	96	85	100	94	80	100