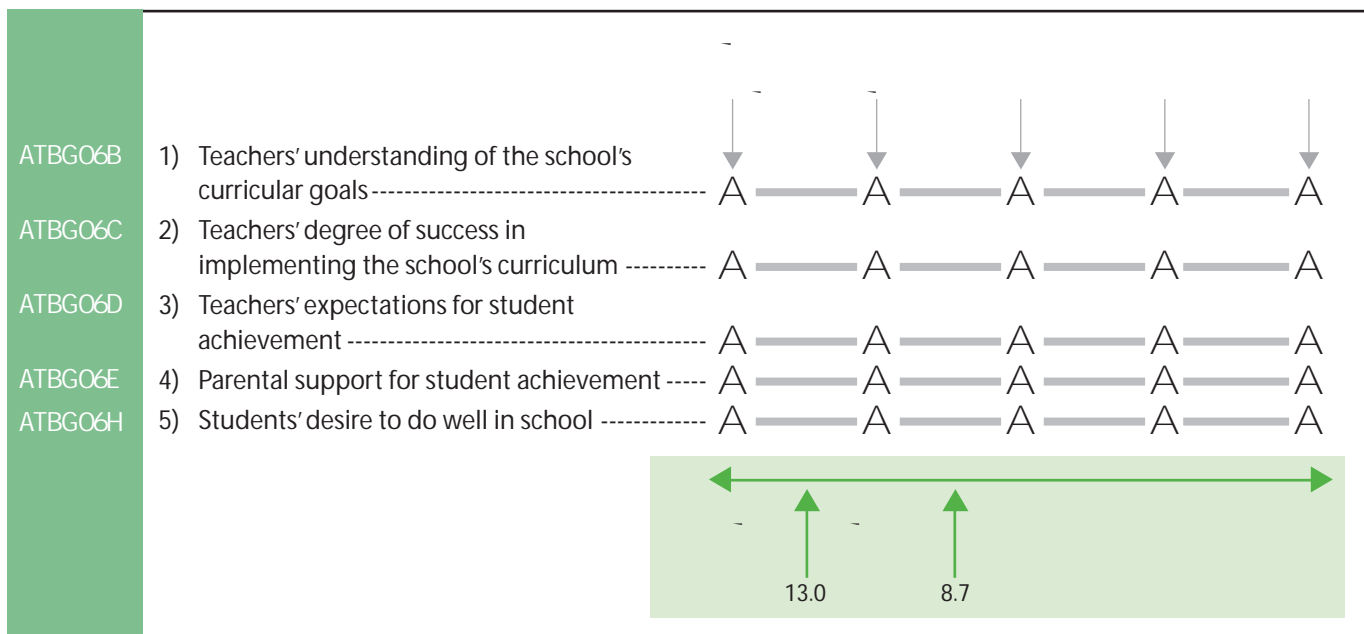


PIRLS 2011

The PIRLS 2011 School Emphasis on Academic Success–Teacher Reports Scale

The School Emphasis on Academic Success–Teacher Reports (EAS–T) scale was created based on teachers’ responses characterizing five aspects described below. See [Creating and Interpreting TIMSS and PIRLS 2011 Context Questionnaire Scales](#) for more information on how the scales were formed.



Item	delta	tau_1	tau_2	tau_3
ATBG06B	-0.23200	-1.62194	1.62194	
ATBG06C	0.35289	-1.68960	1.68960	
ATBG06D	0.29398	-1.59204	1.59204	
ATBG06E	0.55977	-2.55540	0.17469	2.38071
ATBG06H	-0.53864	-3.14104	0.23135	2.90969

1 For the purpose of scaling, categories in which there were very few respondents were combined for several of the variables. The categories of “Medium,” “Low,” and “Very low” were combined for variables ATBG06B, ATBG06C, and ATBG06D, and the categories of “Low” and “Very low” were combined for variables ATBG06E and ATBG06H, respectively.

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Scale Transformation Constants

A = 9.99491

Transformed Scale Score = 9.99491 + 1.19492 • Logit Scale Score

B = 1.19492

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0	4.08764		7	10.93525	
1	5.96772		8	11.64337	
2	7.07448		9	12.33837	
3	7.91710		10	13.07807	13.0
4	8.67451	8.7	11	13.97765	
5	9.42566		12	15.55610	
6	10.18950				

Country	Cronbach's Alpha Reliability Coefficient	Percent of Variance Explained	Factor Loadings for Each Item				
			ATBG06B	ATBG06C	ATBG06D	ATBG06E	ATBG06H
Australia	0.81	58	0.72	0.80	0.79	0.73	0.78
Austria	0.77	52	0.71	0.80	0.72	0.70	0.70
Azerbaijan	0.77	53	0.75	0.74	0.75	0.71	0.68
Belgium (French)	0.69	45	0.73	0.72	0.59	0.68	0.64
Bulgaria	0.77	53	0.59	0.75	0.73	0.77	0.79
Canada	0.76	51	0.67	0.77	0.75	0.71	0.68
Chinese Taipei	0.77	53	0.78	0.65	0.77	0.79	0.63
Colombia	0.83	60	0.78	0.82	0.70	0.77	0.80
Croatia	0.78	53	0.74	0.74	0.71	0.75	0.71
Czech Republic	0.74	50	0.73	0.78	0.65	0.68	0.66
Denmark	0.77	52	0.69	0.73	0.73	0.72	0.75
England	0.81	58	0.76	0.84	0.78	0.68	0.74
Finland	0.73	49	0.60	0.71	0.75	0.72	0.69
Franc	51	0.67	.75				

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	Pearson's Correlation with Reading Achievement		Variance in Reading Achievement Accounted for by Difference Between Regions of the Scale (%)
	()	()	
Australia	0.21	0.04	0.03
Austria	0.15	0.02	0.02
Azerbaijan	0.10	0.01	0.01
Belgium (French)	0.17	0.03	0.02
Bulgaria	0.30	0.09	0.08
Canada	0.14	0.02	0.02
Chinese Taipei	0.06	0.00	0.00
Colombia	0.19	0.03	0.03
Croatia	0.02	0.00	0.00
Czech Republic	0.06	0.00	0.01
Denmark	0.16	0.02	0.01
England	0.19	0.03	0.03
Finland	0.10	0.01	0.01
France	0.15	0.02	0.02
Georgia	0.12	0.02	0.02
Germany	0.24	0.06	0.03
Hong Kong SAR	0.07	0.00	0.01
Hungary	0.26	0.07	0.06
Indonesia	0.13	0.02	0.01
Iran, Islamic Rep. of	0.20	0.04	0.04
Ireland	0.18	0.03	0.02
Israel	0.22	0.05	0.06
Italy	0.04	0.00	0.00
Lithuania	0.16	0.03	0.01
Malta	0.19	0.04	0.02
Morocco	0.22	0.05	0.05
Netherlands	0.11	0.01	0.02
New Zealand	0.20	0.04	0.04

