

The Safe and Orderly School (SOS) scale was created based on teachers' degree of agreement with the five statements described below. See [Appendix 1: Item Parameters for the TIMSS 2011 Safe and Orderly School Scale, Fourth Grade](#).

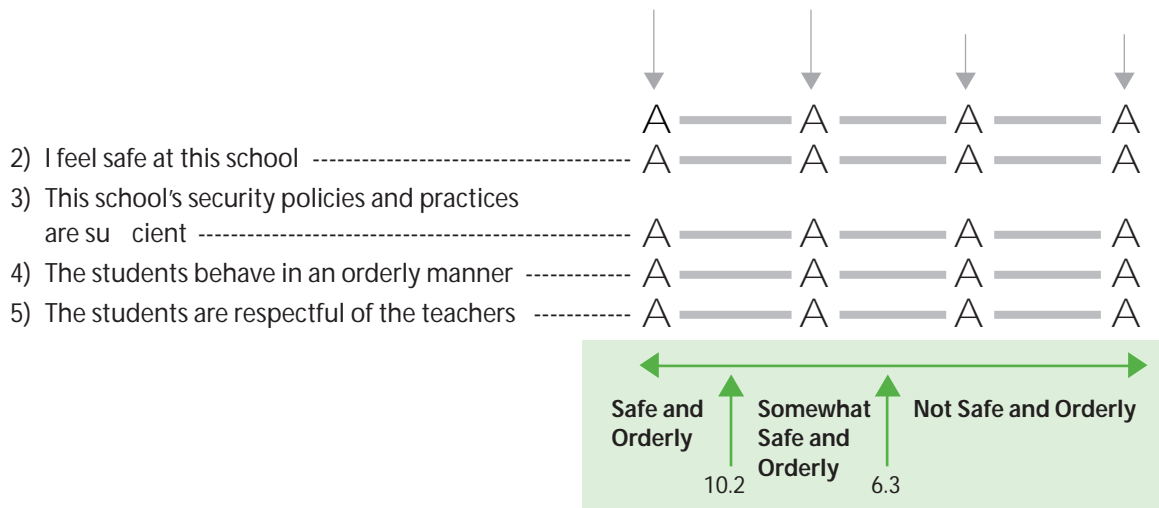


Exhibit 2: Item Parameters for the TIMSS 2011 Safe and Orderly School Scale, Fourth Grade¹

ATBG07A	-2.26237	-1.12460	1.12460
ATBG07B	-3.17099	-1.29869	1.29869
ATBG07C	-2.15923	-1.47798	1.47798
ATBG07D	-0.81209	-1.96331	1.96331
ATBG07E	-1.29088	-1.92179	1.92179

¹ For the purpose of scaling, the categories "Disagree a little" and "Disagree a lot" were combined because there were very few respondents in each of these categories.

Exhibit 5: Cronbach's Alpha Reliability Coefficient and Principal Components Analysis of the Items in the TIMSS 2011 Safe and Orderly School Scale and

