

TIMSS 2011

The TIMSS 2011 Students Engaged in Biology Lessons Scale, Eighth Grade

The Students Engaged in Biology Lessons (ESB) scale was created based on students' degree of agreement to the five statements described below. This scale was administered in countries where the sciences are taught as separate subjects. See [Creating and Interpreting TIMSS and PIRLS 2011 Context Questionnaire Scales](#) for more information on how the scales were formed.

Exhibit 1: Items in the TIMSS 2011 Students Engaged in Biology Lessons Scale, Eighth Grade

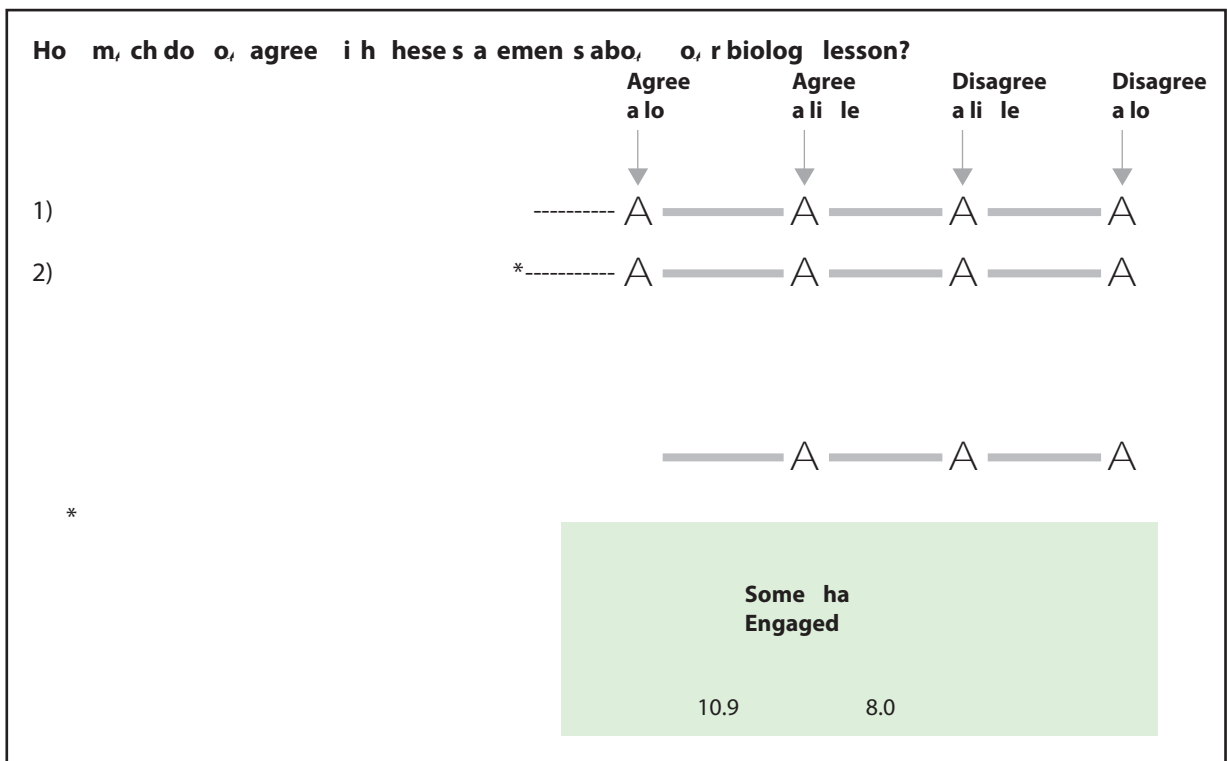


Exhibit 5: Cronbach's Alpha Reliability Coefficient and Principal Components Analysis of the Items in the TIMSS 2011 Students Engaged in Biology Lessons Scale, Eighth Grade (Continued)

