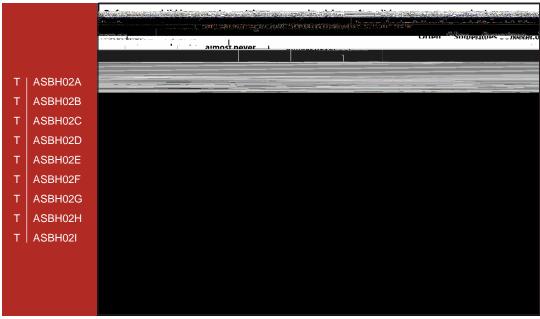
Early Literacy Activities Before Beginning Primary School Scale

The Early Literacy Activities Before Beginning Primary S(EbA) scale was created based on parents' frequency of doing the nine activities described below.

Items in the PIRLS 2016 Early Literacy Activities Before Beginning Primary School

Scale



T Trend item—item was included in the same scale in PIRLS 2011 and was used for linking the PIRLS 2011 and PIRLS 2016 scales.

Item Parameters for the PIRLS 201@Early Literacy Activities Before Beginning Primary School Scale

Item	delta	tau_1	tau_2	In t
ASBH02A	-0.43565	-1.37653	1.37653	0.96
ASBH02B	-0.21414	-1.38385	1.38385	0.97
ASBH02C	0.14115	-0.92504	0.92504	1.14
ASBH02D	0.31840	-0.99895	0.99895	1.02
ASBH02E	-0.89489	-1.18523	1.18523	1.03
ASBH02F	0.31620	-1.36183	1.36183	0.95
ASBH02G	0.54796	-1.22190	1.22190	0.95
ASBH02H	0.02688	-1.14591	1.14591	1.00
ASBH02I	0.19409	-0.98400	0.98400	1.00

Scale Transformation Constants

A = 8.467126

B = 1.488680

Transformed Scale Score = 8.467126 + 1.488680 • Logit Scale Score

Equivalence Table of the Raw Score and Transformed Scale Scores for the PIRLS 2016 Early Literacy Activities Before Beginning Primary SchoScale

Raw Score	Transformed Scale Score	Cutpoint Symb-Accept
0	2.13736	
1	3.95698	
2	4.90763	ters
3	5.60873	_
4	6.18976	6.2
5	6.70267	Rea
6	7.17841	
7	7.62846	in in the mational
8	8.06349	
9	8.49167	
10	8.91693	
11	9.34703	
12	9.78848	Progress
13	10.25182	ά.
14	10.74970	10.7
15	11.31055	
16	11.98750	
17	12.91216	
18	14.70318	S

Cronbach's Alpha Reliability Coe cient and Principal Components Analysis of the Items in the PIRLS 201@Early Literacy Activities Before Beginning Primary Scho@cale

