

Exhibit 1.13: TIMSS 2015 Achievement Items by Content Domain – Eighth Grade

Content Domain	Number of Trend Items in TIMSS 2015	Percentage of Trend Score Points	Number of New Items in TIMSS 2015	Percentage of New Score Points	Total Items	Achieved Percentage of Score Points	Target Percentage of Score Points
Mathematics Items							
Number	40 (45)	34%	24 (25)	26%	64 (70)	31%	30%
Algebra	40 (42)	31%	22 (23)	24%	62 (65)	28%	30%
Geometry	22 (22)	16%	21 (25)	26%	43 (47)	21%	20%
Data and Chance	25 (25)	19%	18 (22)	23%	43 (47)	21%	20%
Total	127 (134)		85 (95)		212 (229)		
Science Items							
Biology	47 (51)	38%	28 (36)	34%	75 (87)	36%	35%
Chemistry	26 (27)	20%	18 (19)	18%	44 (46)	19%	20%
Physics	32 (32)	24%	24 (25)	24%	56 (57)	24%	25%
Earth Science	23 (24)	18%	22 (25)	24%	45 (49)	21%	20%
Total	128 (134)		92 (105)		220 (239)		

Score points are shown in parentheses.

Because percentages are rounded to the nearest whole number, some totals may appear inconsistent.