

Exhibit 1.14: TIMSS 2015 Achievement Items by Cognitive Domain – Eighth Grade

Cognitive 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							
Knowing	45 (46)	34%	24 (24)	25%	69 (70)	31%	35%
Applying	54 (58)	43%	41 (45)	47%	95 (103)	45%	40%
Reasoning	28 (30)	22%	20 (26)	27%	48 (56)	24%	25%
Total	127 (134)		85 (95)		212 (229)		
Science Items							
Knowing	40 (41)	31%	37 (44)	42%	77 (85)	36%	35%
Applying	58 (61)	46%	33 (37)	35%	91 (98)	41%	35%
Reasoning	30 (32)	24%	22 (24)	23%	52 (56)	23%	30%
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.