

Appendix B.1: Distribution of Items Included in the Assessment by Content Domain, Cognitive Domain, and Item Format

TIMSS Assessment Items	Multiple-Choice Items	Constructed Response Items	Total Items	Percentage of Score Points
Content Domain				
Life Science	39 (39)	40 (48)	79 (87)	46%
Physical Science	36 (36)	28 (29)	64 (65)	35%
Earth Science	23 (23)	10 (13)	33 (36)	19%
Total	98 (98)	78 (90)	176 (188)	100%
Percentage of Score Points	52%	48%		
Cognitive Domain				
Knowing	47 (47)	25 (31)	72 (78)	41%
Applying	32 (32)	35 (39)	67 (71)	38%
Reasoning	19 (19)	18 (20)	37 (39)	21%
Total	98 (98)	78 (90)	176 (188)	100%
Percentage of Score Points	52%	48%		

Score points are shown in parentheses.
 Because of rounding some results may appear inconsistent.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015