

APPENDIX 16: SUBSCALE SCORE SUMMARY STATISTICS

GRADE 4 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry, Technology, and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

GRADE 8 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

GRADE 10 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry, Technology, Society, and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

Table 16–1. Grade 4 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	9383	9383	9383	9383
Mean	295.84	302.90	300.66	300.29
Std. Error of Mean	0.75	0.92	0.81	0.84
Std. Deviation	73.11	88.90	78.84	81.69
Minimum	100	100	100	100
Maximum	541	436	455	468

Table 16–2. Grade 8 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	9146	9146	9146	9146
Mean	315.11	312.79	314.13	312.44
Std. Error of Mean	0.90	0.83	0.90	0.87
Std. Deviation	85.73	79.00	86.39	83.09
Minimum	100	100	100	100
Maximum	566	544	567	547

Table 16–3. Grade 10 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8844	8844	8844	8844
Mean	329.92	322.72	321.71	321.64
Std. Error of Mean	1.01	0.81	0.94	0.86
Std. Deviation	95.27	75.88	87.94	80.96
Minimum	100	100	100	100
Maximum	595	600	590	600