

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	9303	9303	9303	9303
Mean	301.47	309.97	304.60	308.16
Std. Error of Mean	0.79	1.03	0.89	0.90
Std. Deviation	76.42	99.81	85.90	86.41
Minimum	100	100	100	100
Maximum	532	447	452	450

Table 16–2. Grade 8 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	9278	9278	9278	9278
Mean	317.18	326.53	324.80	314.66
Std. Error of Mean	0.88	1.09	0.97	0.92
Std. Deviation	85.03	104.73	93.03	88.27
Minimum	100	100	100	100
Maximum	600	600	534	537

Table 16–3. Grade 10 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8466	8466	8466	8466
Mean	341.74	333.65	334.72	329.34
Std. Error of Mean	1.11	0.91	1.10	0.92
Std. Deviation	102.37	84.07	100.80	84.73
Minimum	100	100	100	100
Maximum	600	600	596	600