

APPENDIX 17: TOTAL SCORE AND SUBSCALE SCORE INTERCORRELATIONS

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 17–1. Grade 4 Total Score and Subscale Score Intercorrelations

	Total	1	2	3	4
Total	1.00	0.93	0.81	0.86	0.84
1		1.00	0.68	0.73	0.69
2			1.00	0.64	0.64
3				1.00	0.66
4					1.00

Table 17–2. Grade 8 Total Score and Subscale Score Intercorrelations

	Total	1	2	3	4
Total	1.00	0.90	0.86	0.88	0.83
1		1.00	0.70	0.72	0.69
2			1.00	0.68	0.63
3				1.00	0.65
4					1.00

Table 17–3. Grade 10 Total Score and Subscale Score Intercorrelations

	Total	1	2	3	4
Total	1.00	0.90	0.84	0.84	0.86
1		1.00	0.68	0.70	0.69
2			1.00	0.63	0.63
3				1.00	0.66
4					1.00