

## APPENDIX 18: TOTAL SCORE AND SUBSCALE SCORE INTERCORRELATIONS

### MATHEMATICS SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Numeration	M1
Measurement	M2
Estimation & Computation	M3
Functions & Relationships	M4
Geometry	M5
Statistics/Probability	M6

### READING SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Use Context Clues	R4.1
Summarize Information/Make Connections	R4.2
Support Main Idea/Critique Arguments	R4.3
Read and Apply Multi-Step Directions	R4.4
Make and Support Assertions	R4.7
Analyze and Evaluate Themes	R4.8

### WRITING SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Write Compositions/Demonstrate Elements of Discourse	W4.1/W4.2
Use Conventional English	W4.3
Revise Writing	W4.4

**Table 18–1. Total Score Intercorrelations Among Content Areas**

	Mathematics	Reading	Writing
Mathematics	1.00	0.75	0.71
Reading		1.00	0.81
Writing			1.00

**Table 18–2. Mathematics Total Score and Subscale Score Intercorrelations**

	Overall	M1	M2	M3	M4	M5	M6
Overall	1.00	0.81	0.77	0.79	0.78	0.75	0.70
M1		1.00	0.55	0.59	0.56	0.55	0.49
M2			1.00	0.55	0.56	0.51	0.46
M3				1.00	0.56	0.51	0.45
M4					1.00	0.52	0.46
M5						1.00	0.46
M6							1.00

**Table 18–3. Reading Total Score and Subscale Score Intercorrelations**

	Overall	R4.1	R4.2	R4.3	R4.4	R4.7	R4.8
Overall	1.00	0.81	0.90	0.88	0.76	0.84	0.77
R4.1		1.00	0.70	0.65	0.55	0.62	0.53
R4.2			1.00	0.74	0.65	0.71	0.65
R4.3				1.00	0.61	0.68	0.63
R4.4					1.00	0.57	0.54
R4.7						1.00	0.64
R4.8							1.00

**Table 18–4. Writing Total Score and Subscale Score Intercorrelations**

	Overall	W4.1/W4.2	W4.3	W4.4
Overall	1.00	0.87	0.77	0.77
W4.1/W4.2		1.00	0.44	0.45
W4.3			1.00	0.68
W4.4				1.00