

APPENDIX 21: 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

GRADE 10

Table 21–1. Total Score Intercorrelations Among Content Areas

	Mathematics	Reading	Writing
Mathematics	1.0000	0.7291	0.6598
Reading		1.0000	0.7312
Writing			1.0000

Table 21–2. Mathematics Total Score and Subscale Score Intercorrelations

	Overall	M1	M2	M3	M4	M5	M6
Overall	1.0000	0.7654	0.7989	0.8436	0.8477	0.8117	0.7496
M1		1.0000	0.5681	0.5995	0.5914	0.5514	0.5373
M2			1.0000	0.6409	0.6356	0.5830	0.5819
M3				1.0000	0.6600	0.6145	0.5922
M4					1.0000	0.6423	0.5973
M5						1.0000	0.5421
M6							1.0000

Table 21–3. Reading Total Score and Subscale Score Intercorrelations

	Overall	R4.1	R4.2	R4.3	R4.4	R4.7	R4.8
Overall	1.0000	0.8110	0.8456	0.8615	0.6428	0.7804	0.7675
R4.1		1.0000	0.6612	0.6485	0.3922	0.5539	0.5196
R4.2			1.0000	0.6808	0.4502	0.6037	0.5573
R4.3				1.0000	0.4704	0.6157	0.5778
R4.4					1.0000	0.4565	0.4864
R4.7						1.0000	0.5470
R4.8							1.0000

Table 21–4. Writing Total Score and Subscale Score Intercorrelations

	Overall	W4.1/W4.2	W4.3	W4.4
Overall	1.0000	0.8943	0.7740	0.7577
W4.1/W4.2		1.0000	0.4886	0.4899
W4.3			1.0000	0.6202
W4.4				1.0000

RETEST

Table 21–5. Total Score Intercorrelations Among Content Areas

	Mathematics	Reading	Writing
Mathematics	1.0000	0.7161	0.6998
Reading		1.0000	0.7753
Writing			1.0000

Table 21–6. Mathematics Total Score and Subscale Score Intercorrelations

	Overall	M1	M2	M3	M4	M5	M6
Overall	1.0000	0.7374	0.7272	0.7799	0.7767	0.7077	0.7216
M1		1.0000	0.4057	0.5094	0.4597	0.4410	0.4034
M2			1.0000	0.4988	0.5179	0.4403	0.4635
M3				1.0000	0.5260	0.4608	0.4871
M4					1.0000	0.4739	0.5085
M5						1.0000	0.4276
M6							1.0000

Table 21–7. Reading Total Score and Subscale Score Intercorrelations

	Overall	R4.1	R4.2	R4.3	R4.4	R4.7	R4.8
Overall	1.0000	0.7462	0.8657	0.8741	0.6917	0.8051	0.7830
R4.1		1.0000	0.5885	0.5842	0.4128	0.5084	0.5117
R4.2			1.0000	0.6998	0.5255	0.6509	0.6299
R4.3				1.0000	0.5522	0.6799	0.6463
R4.4					1.0000	0.4751	0.4680
R4.7						1.0000	0.5809
R4.8							1.0000

Table 21–8. Writing Total Score and Subscale Score Intercorrelations

	Overall	W4.1/W4.2	W4.3	W4.4
Overall	1.0000	0.8952	0.7648	0.7606
W4.1/W4.2		1.0000	0.4808	0.4815
W4.3			1.0000	0.6296
W4.4				1.0000

