

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 | 0.72 | 0.68 |
| Reading | | 1.00 | 0.78 |
| Writing | | | 1.00 |

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

| | Overall | M1 | M2 | M3 | M4 | M5 | M6 |
|---------|---------|------|------|------|------|------|------|
| Overall | 1.00 | 0.78 | 0.73 | 0.81 | 0.76 | 0.75 | 0.72 |
| M1 | | 1.00 | 0.51 | 0.59 | 0.51 | 0.51 | 0.46 |
| M2 | | | 1.00 | 0.53 | 0.48 | 0.44 | 0.42 |
| M3 | | | | 1.00 | 0.53 | 0.54 | 0.48 |
| M4 | | | | | 1.00 | 0.51 | 0.48 |
| 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 | 0.87 | 0.88 | 0.78 | 0.81 | 0.78 |
| R4.1 | | 1.00 | 0.65 | 0.67 | 0.54 | 0.61 | 0.58 |
| R4.2 | | | 1.00 | 0.72 | 0.60 | 0.64 | 0.61 |
| R4.3 | | | | 1.00 | 0.64 | 0.68 | 0.62 |
| R4.4 | | | | | 1.00 | 0.57 | 0.58 |
| R4.7 | | | | | | 1.00 | 0.59 |
| 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 | 0.88 | 0.76 | 0.76 |
| W4.1/W4.2 | | 1.00 | 0.44 | 0.46 |
| W4.3 | | | 1.00 | 0.64 |
| W4.4 | | | | 1.00 |