

Table 1

The Average EXPLORE Test Scores Earned by Fall-Tested Eighth Graders

| English | Math | Reading | Science | Composite* |
|----------------|-------------|----------------|----------------|-------------------|
| 14.2 | 15.1 | 13.8 | 15.9 | 14.9 |

**The average Composite score for the national sample was determined by averaging the Composite scores earned by all students in the sample. Thus, it is not the same as the average of each of the test score averages shown in Table 1.*

Table 2

The Average EXPLORE Test Scores Earned by 2008 4th/5th Grade Talent Search Participants by Gender

| | <u>English</u> | <u>Math</u> | <u>Reading</u> | <u>Science</u> | <u>Composite*</u> |
|--------------|----------------|-------------|----------------|----------------|-------------------|
| Girls | 18.2 | 16.5 | 17.2 | 18.2 | 17.6 |
| Boys | 17.4 | 17.5 | 16.7 | 18.6 | 17.7 |

Table 3

**The Average EXPLORE Test Scores Earned by 2008 4th/5th Grade
Talent Search Participants by Grade**

| | <u>English</u> | <u>Math</u> | <u>Reading</u> | <u>Science</u> | <u>Composite*</u> |
|--------------|----------------|-------------|----------------|----------------|-------------------|
| Girls | 17.0 | 16.1 | 16.3 | 17.8 | 17.0 |
| Boys | 18.6 | 18.0 | 17.6 | 19.1 | 18.4 |

Table 4

EXPLORE Frequency Distributions and Percentile Ranks for 4th/5th Grade Talent Search Participants - Fifth Grade 2009

| SCALE SCORE | English | | Math | | Reading | | Science | | Composite | | SCALE SCORE |
|----------------------------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|----------------------------|
| | Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % | |
| 25 | 107 | 100 | 44 | 100 | 58 | 100 | 48 | 100 | 8 | 100 | 25 |
| 24 | 0 | 96 | 38 | 97 | 68 | 96 | 63 | 96 | 16 | 99 | 24 |
| 23 | 127 | 92 | 0 | 97 | 84 | 93 | 0 | 96 | 42 | 98 | 23 |
| 22 | 175 | 86 | 58 | 95 | 0 | 93 | 98 | 93 | 72 | 95 | 22 |
| 21 | 164 | 80 | 78 | 92 | 124 | 88 | 143 | 88 | 141 | 90 | 21 |
| 20 | 215 | 73 | 92 | 89 | 149 | 83 | 385 | 74 | 209 | 83 | 20 |
| 19 | 213 | 65 | 136 | 85 | 150 | 78 | 234 | 66 | 259 | 74 | 19 |
| 18 | 202 | 58 | 341 | 73 | 333 | 67 | 450 | 51 | 340 | 62 | 18 |
| 17 | 201 | 51 | 449 | 57 | 201 | 60 | 677 | 27 | 434 | 47 | 17 |
| 16 | 374 | 38 | 236 | 49 | 438 | 44 | 340 | 15 | 474 | 31 | 16 |
| 15 | 342 | 26 | 709 | 24 | 356 | 32 | 233 | 7 | 422 | 16 | 15 |
| 14 | 281 | 17 | 353 | 12 | 321 | 21 | 116 | 3 | 257 | 7 | 14 |
| 13 | 182 | 10 | 90 | 9 | 233 | 13 | 59 | 1 | 131 | 3 | 13 |
| 12 | 133 | 6 | 157 | 3 | 178 | 7 | 18 | 1 | 55 | 1 | 12 |
| 11 | 116 | 2 | 32 | 2 | 112 | 3 | 13 | 1 | 18 | 1 | 11 |
| 10 | 26 | 1 | 38 | 1 | 55 | 1 | 0 | 1 | 2 | 1 | 10 |
| 9 | 23 | 1 | 16 | 1 | 17 | 1 | 2 | 1 | 1 | 1 | 9 |
| 8 | 0 | 1 | 8 | 1 | 4 | 1 | 0 | 1 | 1 | 1 | 8 |
| 7 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 7 |
| 6 | 0 | 1 | 5 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 6 |
| 5 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 5 |
| 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 4 |
| 3 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 3 |
| 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 3 | 1 | 2 | 1 | 3 | 1 | 4 | 1 | 1 | 1 | 0 |
| Average Scale Score | 17.0 | | 16.1 | | 16.3 | | 17.8 | | 17.0 | | Average Scale Score |

Total number of fifth graders tested = 2,884

Table 5

EXPLORE Frequency Distributions and Percentile Ranks for 4th/5th Grade Talent Search Participants - Sixth Grade 2009

| SCALE SCORE | English | | Math | | Reading | | Science | | Composite | | SCALE SCORE |
|----------------------------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|----------------------------|
| | Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % | |
| 25 | 173 | 100 | 106 | 100 | 132 | 100 | 118 | 100 | 18 | 100 | 25 |
| 24 | 0 | 93 | 92 | 93 | 111 | 91 | 147 | 90 | 65 | 97 | 24 |
| 23 | 206 | 86 | 0 | 93 | 142 | 85 | 0 | 90 | 107 | 93 | 23 |
| 22 | 254 | 76 | 127 | 88 | 0 | 85 | 217 | 82 | 158 | 87 | 22 |
| 21 | 306 | 65 | 183 | 81 | 169 | 79 | 224 | 73 | 251 | 77 | 21 |
| 20 | 221 | 56 | 200 | 73 | 186 | 72 | 503 | 54 | 308 | 66 | 20 |
| 19 | 235 | 47 | 197 | 66 | 185 | 65 | 217 | 46 | 358 | 52 | 19 |
| 18 | 178 | 41 | 495 | 47 | 407 | 50 | 419 | 31 | 362 | 39 | 18 |
| 17 | 208 | 33 | 457 | 30 | 200 | 42 | 450 | 14 | 395 | 24 | 17 |
| 16 | 280 | 22 | 199 | 23 | 328 | 30 | 162 | 7 | 292 | 13 | 16 |
| 15 | 231 | 14 | 384 | 8 | 278 | 19 | 106 | 3 | 179 | 6 | 15 |
| 14 | 132 | 9 | 121 | 4 | 211 | 12 | 50 | 2 | 95 | 3 | 14 |
| 13 | 110 | 5 | 41 | 2 | 149 | 6 | 26 | 1 | 46 | 1 | 13 |
| 12 | 44 | 3 | 35 | 1 | 80 | 3 | 7 | 1 | 12 | 1 | 12 |
| 11 | 43 | 1 | 8 | 1 | 49 | 1 | 4 | 1 | 7 | 1 | 11 |
| 10 | 23 | 1 | 5 | 1 | 16 | 1 | 0 | 1 | 1 | 1 | 10 |
| 9 | 6 | 1 | 2 | 1 | 9 | 1 | 3 | 1 | 0 | 1 | 9 |
| 8 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 8 |
| 7 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 7 |
| 6 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 6 |
| 5 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 5 |
| 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 4 |
| 3 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 3 |
| 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| Average Scale Score | 18.5 | | 18.0 | | 17.6 | | 19.1 | | 18.4 | | Average Scale Score |

Total number of sixth graders tested = 2,655

Table 6

EXPLORE Frequency Distributions and Percentile Ranks for 4th/5th Grade Talent Search Participants - All Students 2009

| | English | | Math | | Reading | | Science | | Composite | | |
|----------------------------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|----------------------------|
| SCALE SCORE | Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % | SCALE SCORE |
| 25 | 280 | 100 | 150 | 100 | 190 | 100 | 166 | 100 | 26 | 100 | 25 |
| 24 | 0 | 95 | 130 | 95 | 179 | 93 | 210 | 93 | 81 | 98 | 24 |
| 23 | 333 | 89 | 0 | 95 | 226 | 89 | 0 | 93 | 149 | 95 | 23 |
| 22 | 429 | 81 | 185 | 92 | 0 | 89 | 315 | 88 | 230 | 91 | 22 |
| 21 | 470 | 73 | 261 | 87 | 293 | 84 | 367 | 81 | 392 | 84 | 21 |
| 20 | 436 | 65 | 292 | 82 | 335 | 78 | 888 | 65 | 517 | 75 | 20 |
| 19 | 448 | 57 | 333 | 76 | 335 | 72 | 451 | 57 | 617 | 64 | 19 |
| 18 | 380 | 50 | 836 | 61 | 740 | 59 | 869 | 41 | 702 | 51 | 18 |
| 17 | 409 | 42 | 906 | 45 | 401 | 51 | 1127 | 21 | 829 | 36 | 17 |
| 16 | 654 | 31 | 435 | 37 | 766 | 37 | 502 | 12 | 766 | 22 | 16 |
| 15 | 573 | 20 | 1093 | 17 | 634 | 26 | 339 | 6 | 601 | 11 | 15 |
| 14 | 413 | 13 | 474 | 9 | 532 | 16 | 166 | 3 | 352 | 5 | 14 |
| 13 | 292 | 8 | 131 | 7 | 382 | 9 | 85 | 1 | 177 | 2 | 13 |
| 12 | 177 | 4 | 192 | 3 | 258 | 5 | 25 | 1 | 67 | 1 | 12 |
| 11 | 159 | 2 | 40 | 2 | 161 | 2 | 17 | 1 | 25 | 1 | 11 |
| 10 | 49 | 1 | 43 | 2 | 71 | 1 | 0 | 1 | 2 | 1 | 10 |
| 9 | 29 | 1 | 18 | 1 | 26 | 1 | 5 | 1 | 2 | 1 | 9 |
| 8 | 0 | 1 | 9 | 1 | 6 | 1 | 0 | 1 | 1 | 1 | 8 |
| 7 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 1 | 7 |
| 6 | 0 | 1 | 6 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 6 |
| 5 | 2 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 5 |
| 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 4 |
| 3 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 3 |
| 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 4 | 1 | 3 | 1 | 4 | 1 | 5 | 1 | 2 | 1 | 0 |
| Average Scale Score | 17.7 | | 17.0 | | 16.9 | | 18.4 | | 17.6 | | Average Scale Score |

Total number of students tested = 5,539