

MAP RIT:

When students finish their MAP Growth test, they receive a number called a RIT score for each area they are tested in (reading, language usage, math, or science). This score represents a student's achievement level at any given moment and helps measure their academic growth over time. The RIT scale is a stable scale, like feet and inches, that accurately measures student performance, regardless of age, grades, or grade level. Like marking height on a growth chart, and being able to see how tall your child is at various points in time, you can also see how much they have grown between tests.

The RIT scale is a scale of item difficulty, and it is grade-independent. A 2nd grader and a 7th grader with the same RIT score are both answering items of the same level of difficulty. However, when testing, the item content seen by the 2nd grader will be different from the item content seen by the 7th grader because the content that is included in the MAP Growth K-2 test is different from the math content included in the MAP Growth 6+ test. The math content included in the K-2 test (for example, basic concepts of arithmetic) is much more basic than the content included in the 6+ math test (for example, probability and statistics, algebra). The second grader with the high RIT score is probably responding to very difficult items of basic arithmetic, but we would not be able to infer anything about their achievement in the content areas *not* tested by the K-2 test.

MAP 2015 Normative Data:

| 2015 READING Student Status Norms | | | | | | |
|-----------------------------------|------------|-------|----------|-------|----------|-------|
| | Begin-Year | | Mid-Year | | End-Year | |
| Grade | Mean | SD | Mean | SD | Mean | SD |
| K | 141.0 | 13.54 | 151.3 | 12.73 | 158.1 | 12.85 |
| 1 | 160.7 | 13.08 | 171.5 | 13.54 | 177.5 | 14.54 |
| 2 | 174.7 | 15.52 | 184.2 | 14.98 | 188.7 | 15.21 |
| 3 | 188.3 | 15.85 | 195.6 | 15.14 | 198.6 | 15.10 |
| 4 | 198.2 | 15.53 | 203.6 | 14.96 | 205.9 | 14.92 |
| 5 | 205.7 | 15.13 | 209.8 | 14.65 | 211.8 | 14.72 |
| 6 | 211.0 | 14.94 | 214.2 | 14.53 | 215.8 | 14.66 |
| 7 | 214.4 | 15.31 | 216.9 | 14.98 | 218.2 | 15.14 |
| 8 | 217.2 | 15.72 | 219.1 | 15.37 | 220.1 | 15.73 |
| 9 | 220.2 | 15.68 | 221.3 | 15.54 | 221.9 | 16.21 |
| 10 | 220.4 | 16.85 | 221.0 | 16.70 | 221.2 | 17.48 |
| 11 | 222.6 | 16.75 | 222.7 | 16.53 | 222.3 | 17.68 |

| 2015 MATHEMATICS Student Status Norms | | | | | | |
|---------------------------------------|------------|-------|----------|-------|----------|-------|
| | Begin-Year | | Mid-Year | | End-Year | |
| Grade | Mean | SD | Mean | SD | Mean | SD |
| K | 140.0 | 15.06 | 151.5 | 13.95 | 159.1 | 13.69 |
| 1 | 162.4 | 12.87 | 173.8 | 12.96 | 180.8 | 13.63 |
| 2 | 176.9 | 13.22 | 186.4 | 13.11 | 192.1 | 13.54 |
| 3 | 190.4 | 13.10 | 198.2 | 13.29 | 203.4 | 13.81 |
| 4 | 201.9 | 13.76 | 208.7 | 14.27 | 213.5 | 14.97 |
| 5 | 211.4 | 14.68 | 217.2 | 15.33 | 221.4 | 16.18 |
| 6 | 217.6 | 15.53 | 222.1 | 16.00 | 225.3 | 16.71 |
| 7 | 222.6 | 16.59 | 226.1 | 17.07 | 228.6 | 17.72 |
| 8 | 226.3 | 17.85 | 229.1 | 18.31 | 230.9 | 19.11 |
| 9 | 230.3 | 18.13 | 232.2 | 18.62 | 233.4 | 19.52 |
| 10 | 230.1 | 19.60 | 231.5 | 20.01 | 232.4 | 20.96 |
| 11 | 233.3 | 19.95 | 234.4 | 20.18 | 235.0 | 21.30 |

| 2015 LANGUAGE USAGE Student Status Norms | | | | | | |
|--|------------|-------|----------|-------|----------|-------|
| | Begin-Year | | Mid-Year | | End-Year | |
| Grade | Mean | SD | Mean | SD | Mean | SD |
| 2 | 174.5 | 16.58 | 184.9 | 15.34 | 189.7 | 15.47 |
| 3 | 189.4 | 15.20 | 196.8 | 14.24 | 200.0 | 14.11 |
| 4 | 198.8 | 14.66 | 204.4 | 13.83 | 206.7 | 13.64 |
| 5 | 205.6 | 13.87 | 209.7 | 13.23 | 211.5 | 13.19 |
| 6 | 210.7 | 13.79 | 213.9 | 13.30 | 215.3 | 13.38 |
| 7 | 214.0 | 13.82 | 216.5 | 13.52 | 217.6 | 13.70 |
| 8 | 216.2 | 14.17 | 218.1 | 13.92 | 219.0 | 14.26 |
| 9 | 218.4 | 14.15 | 219.7 | 13.98 | 220.4 | 14.50 |
| 10 | 218.9 | 15.04 | 219.7 | 14.99 | 220.1 | 15.74 |
| 11 | 221.5 | 14.96 | 222.1 | 14.85 | 222.1 | 15.80 |

| 2015 GENERAL SCIENCE Student Status Norms | | | | | | |
|---|------------|-------|----------|-------|----------|-------|
| | Begin-Year | | Mid-Year | | End-Year | |
| Grade | Mean | SD | Mean | SD | Mean | SD |
| 3 | 187.5 | 11.74 | 192.6 | 10.92 | 195.4 | 11.01 |
| 4 | 194.6 | 11.16 | 198.7 | 10.75 | 201.0 | 10.92 |
| 5 | 200.2 | 11.06 | 203.7 | 10.80 | 205.7 | 11.07 |
| 6 | 204.3 | 11.54 | 207.1 | 11.40 | 208.6 | 11.73 |
| 7 | 207.2 | 11.92 | 209.5 | 11.87 | 210.9 | 12.23 |
| 8 | 210.3 | 12.28 | 212.3 | 12.19 | 213.5 | 12.63 |
| 9* | 212.4 | 12.83 | 213.9 | 12.78 | 214.8 | 13.32 |
| 10* | 213.4 | 13.76 | 214.5 | 13.72 | 215 | 14.29 |