



Data Interpretation Guide ***National Standards of Success***

THIRD GRADE **2016-2017**

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Established Benchmarks Levels

Third Grade

| Measure | Beginning of Year | | Middle of Year | | End of Year | |
|----------|-------------------|------------------|----------------|------------------|-------------|------------------|
| | Performance | Benchmark Status | Performance | Benchmark Status | Performance | Benchmark Status |
| CBM/ORF | 0 - 52 | Well Below | 0 - 66 | Well Below | 0 - 79 | Well Below |
| | 53 - 76 | Below | 67 - 91 | Below | 80 - 109 | Below |
| | ≥ 77 | At/Above | ≥ 92 | At/Above | ≥ 110 | At/Above |
| CBM Maze | --- | --- | --- | --- | ≥ 18 | At/Above |
| D-ORF* | 0 - 54 | Well Below | 0 - 67 | Well Below | 0 - 79 | Well Below |
| | 55 - 69 | Below | 68 - 85 | Below | 80 - 99 | Below |
| | ≥ 70 | At/Above | ≥ 86 | At/Above | ≥ 100 | At/Above |
| DAZE | 0 - 4 | Well Below | 0 - 6 | Well Below | 0 - 13 | Well Below |
| | 5 - 7 | Below | 7 - 10 | Below | 14 - 18 | Below |
| | ≥ 8 | At/Above | ≥ 11 | At/Above | ≥ 19 | At/Above |

*D-ORF - DIBELS® Next Oral Reading Fluency (DORF)

National Public Schools' Norms: *Third Grade*

| Subtest | Well Above Average | Above Average | Average | Low Average | Below Average | Well Below Average |
|---------------|--------------------|---------------|---------|-------------|---------------|--------------------|
| Fall | | | | | | |
| ■ CBM/ORF | ≥ 138 | 113-137 | 72-112 | 54-71 | 36-53 | ≤ 35 |
| ■ CBM Maze | ≥ 22 | 17-21 | 10-16 | 8-9 | 5-7 | ≤ 4 |
| ■ D-ORF* | ≥ 130 | 106-129 | 74-105 | 58-73 | 40-57 | ≤ 39 |
| ■ DAZE | ≥ 18 | 15-17 | 8-14 | 5-7 | 3-4 | ≤ 2 |
| Winter | | | | | | |
| ■ CBM/ORF | ≥ 157 | 136-156 | 95-135 | 79-94 | 52-78 | ≤ 51 |
| ■ CBM Maze | ≥ 24 | 20-23 | 13-19 | 10-12 | 7-9 | ≤ 6 |
| ■ D-ORF* | ≥ 146 | 122-145 | 89-121 | 74-88 | 53-73 | ≤ 52 |
| ■ DAZE | ≥ 25 | 21-24 | 11-20 | 9-10 | 6-8 | ≤ 5 |
| Spring | | | | | | |
| ■ CBM/ORF | ≥ 174 | 149-173 | 111-148 | 92-110 | 67-91 | ≤ 66 |
| ■ CBM Maze | ≥ 29 | 26-28 | 19-25 | 16-18 | 12-15 | ≤ 11 |
| ■ D-ORF* | ≥ 159 | 137-158 | 100-136 | 85-99 | 65-84 | ≤ 64 |
| ■ DAZE | ≥ 32 | 28-31 | 18-27 | 15-17 | 11-14 | ≤ 10 |

*D-ORF - DIBELS® Next Oral Reading Fluency (DORF)

Benchmarks for FAST CBM Reading & Adaptive Measures – Third Grade

| Measure | Fall | | Winter | | Spring | |
|-------------|-------------|------------------|-------------|------------------|-------------|------------------|
| | Performance | Benchmark Status | Performance | Benchmark Status | Performance | Benchmark Status |
| CBM Reading | 0 - 62 | Well Below | 0 - 87 | Well Below | 0 - 102 | Well Below |
| | 63 - 90 | Below | 88 - 114 | Below | 103 - 129 | Below |
| | ≥ 91 | At/Above | ≥ 115 | At/Above | ≥ 130 | At/Above |
| aReading | 0 - 473 | Well Below | 0 - 479 | Well Below | 0 - 485 | Well Below |
| | 474 - 482 | Below | 480 - 495 | Below | 486 - 500 | Below |
| | ≥ 483 | At/Above | ≥ 496 | At/Above | ≥ 501 | At/Above |
| aMath | 0 - 197 | Well Below | 0 - 200 | Well Below | 0 - 203 | Well Below |
| | 198 - 201 | Below | 201 - 206 | Below | 204 - 209 | Below |
| | ≥ 202 | At/Above | ≥ 207 | At/Above | ≥ 210 | At/Above |

National FAST CBM Reading & Adaptive Norms: *Third Grade*

| Subtest | Well Above Average | Above Average | Average | Low Average | Below Average | Well Below Average |
|------------------|--------------------|---------------|---------|-------------|---------------|--------------------|
| Fall | | | | | | |
| FAST CBM Reading | ≥ 142 | 124-141 | 91-123 | 76-90 | 55-75 | ≤ 54 |
| FAST aReading | ≥ 508 | 502-507 | 483-501 | 478-482 | 471-477 | ≤ 470 |
| FAST aMath | ≥ 211 | 209-210 | 203-208 | 200-202 | 196-199 | ≤ 195 |
| Winter | | | | | | |
| FAST CBM Reading | ≥ 162 | 145-161 | 115-144 | 100-114 | 79-99 | ≤ 78 |
| FAST aReading | ≥ 518 | 510-517 | 496-509 | 486-495 | 478-485 | ≤ 477 |
| FAST aMath | ≥ 214 | 213 | 208-212 | 206-207 | 202-205 | ≤ 201 |
| Spring | | | | | | |
| FAST CBM Reading | ≥ 176 | 159-175 | 130-158 | 116-129 | 95-115 | ≤ 94 |
| FAST aReading | ≥ 526 | 518-525 | 502-517 | 495-501 | 482-494 | ≤ 481 |
| FAST aMath | ≥ 218 | 216-217 | 211-215 | 208-210 | 205-207 | ≤ 204 |

National CBM Math Norms: *Third Grade*

| Subtest | Well Above Average | Above Average | Average | Low Average | Below Average | Well Below Average |
|---------------|--------------------|---------------|---------|-------------|---------------|--------------------|
| Fall | | | | | | |
| M-CAP | ≥ 13 | 10-12 | 5-9 | 4 | 3 | ≤ 2 |
| M-COMP | ≥ 45 | 34-44 | 19-33 | 14-18 | 9-13 | ≤ 8 |
| Winter | | | | | | |
| M-CAP | ≥ 19 | 15-18 | 8-14 | 6-7 | 5 | ≤ 4 |
| M-COMP | ≥ 62 | 54-61 | 36-53 | 28-35 | 20-27 | ≤ 19 |
| Spring | | | | | | |
| M-CAP | ≥ 26 | 21-25 | 13-20 | 10-12 | 8-9 | ≤ 7 |
| M-COMP | ≥ 67 | 64-66 | 49-63 | 38-48 | 26-37 | ≤ 25 |

DIBELS MATH Benchmarks

Third Grade

| Measure | Beginning of Year | | Middle of Year | | End of Year | |
|-----------|-------------------|------------------|----------------|------------------|-------------|------------------|
| | Performance | Benchmark Status | Performance | Benchmark Status | Performance | Benchmark Status |
| COMP | 0 - 8 | Well Below | 0 - 15 | Well Below | 0 - 21 | Well Below |
| | 9 - 13 | Below | 16 - 21 | Below | 22 - 28 | Below |
| | ≥ 14 | At/Above | ≥ 22 | At/Above | ≥ 29 | At/Above |
| C&A | 0 - 12 | Well Below | 0 - 21 | Well Below | 0 - 25 | Well Below |
| | 13-22 | Below | 22 - 35 | Below | 26 - 39 | Below |
| | ≥ 23 | At/Above | ≥ 36 | At/Above | ≥ 40 | At/Above |
| Composite | 0 - 35 | Well Below | 0 - 56 | Well Below | 0 - 73 | Well Below |
| | 36 - 51 | Below | 57 - 80 | Below | 74 - 98 | Below |
| | ≥ 52 | At/Above | ≥ 81 | At/Above | ≥ 99 | At/Above |

National DIBELS Math Norms: *Third Grade*

| Subtest | Well Above Average | Above Average | Average | Low Average | Below Average | Well Below Average |
|-------------------------|--------------------|---------------|---------|-------------|---------------|--------------------|
| Fall | | | | | | |
| Computation | ≥ 25 | 20-24 | 12-19 | 10-11 | 7-9 | ≤ 6 |
| Concepts & Applications | ≥ 53 | 39-52 | 21-38 | 15-20 | 8-14 | ≤ 7 |
| Composite | ≥ 75 | 56-74 | 35-55 | 27-34 | 18-26 | ≤ 17 |
| Winter | | | | | | |
| Computation | ≥ 39 | 32-38 | 21-31 | 17-20 | 12-16 | ≤ 11 |
| Concepts & Applications | ≥ 78 | 61-77 | 35-60 | 25-34 | 15-24 | ≤ 14 |
| Composite | ≥ 113 | 93-112 | 58-92 | 45-57 | 31-44 | ≤ 30 |
| Spring | | | | | | |
| Computation | ≥ 48 | 43-47 | 29-42 | 24-28 | 17-23 | ≤ 16 |
| Concepts & Applications | ≥ 84 | 70-83 | 42-69 | 31-41 | 18-30 | ≤ 17 |
| Composite | ≥ 129 | 110-128 | 72-109 | 58-71 | 39-57 | ≤ 38 |

Expected Weekly Growth Rates for **CBM/ORF/D-ORF***, **CBM Maze**, & **DAZE**

| GRADE 3 | | |
|----------------|-----------|-----------|
| Subtest | Realistic | Ambitious |
| CBM/ORF/D-ORF* | 1.00 | 1.50 |
| CBM Maze | 0.30 | 0.46 |
| DAZE | N/A | N/A |

*D-ORF - DIBELS® Next Oral Reading Fluency (DORF)

From Fuchs, Fuchs, Hamlett, Walz, & Germann (1993). Formative evaluation of academic progress: How much growth can we expect? *School Psychology Review*, 22(1), 27-48.

Note: From C. Parker (2012). [*Utilizing CBM-MAZE to examine the weekly growth rates of grades 2-8 students' reading comprehension skills*]. Unpublished raw data.

Gain Scores Table: Third Grade

| Subtest | Weeks | Ambitious | Typical | Less than Typical |
|----------------|---------------|-----------|---------|-------------------|
| CBM/ORF/D-ORF* | 5 | ≥ 9 | 5-8 | ≤ 4 |
| | 8 | ≥ 13 | 8-12 | ≤ 7 |
| | 10 | ≥ 16 | 10-15 | ≤ 9 |
| CBM Maze | 5 | ≥ 3 | 2 | ≤ 1 |
| | 8 | ≥ 4 | 2-3 | ≤ 1 |
| | 10 | ≥ 5 | 3-4 | ≤ 2 |
| DAZE | NOT AVAILABLE | | | |

*D-ORF - DIBELS® Next Oral Reading Fluency (DORF)

**National 2016-2017
40th Percentile
Cut-off Scores for the 4-Square Instructional Grouping Tables**

Third Grade

| Test | Fall 40th % | Winter 40th % | Spring 40th % |
|-----------------|-----------------------------------|-------------------------------------|-------------------------------------|
| CBM/ORF | 72 | 95 | 111 |
| CBM Maze | 10 | 13 | 19 |
| D-ORF* | 68 | 86 | 96 |
| DAZE | 8 | 12 | 18 |

*D-ORF - DIBELS® Next Oral Reading Fluency (DORF)