

General Outcome Indicators (GOIs) of Early Literacy & Reading *Data Interpretation Guide*

FIFTH GRADE 2012-2013

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Established Benchmarks Levels

Fifth Grade

Measure	Beginning of Year		Middle of Year		End of Year	
	Performance	Benchmark Status	Performance	Benchmark Status	Performance	Benchmark Status
CBM/ORF	0 - 80	Well Below	0 - 93	Well Below	0 - 102	Well Below
	81 - 103	Below	94 - 114	Below	103 - 123	Below
	≥ 104	At/Above	≥ 115	At/Above	≥ 124	At/Above
CBM Maze	---	---	---	---	≥ 30	At/Above
D-ORF*	0 - 95	Well Below	0 - 100	Well Below	0 - 104	Well Below
	96 - 110	Below	101 - 119	Below	105 - 129	Below
	≥ 111	At/Above	≥ 120	At/Above	≥ 130	At/Above
DAZE	0 - 11	Well Below	0 - 12	Well Below	0 - 17	Well Below
	12 - 17	Below	13 - 19	Below	18 - 23	Below
	≥ 18	At/Above	≥ 20	At/Above	≥ 24	At/Above

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

Massachusetts Public Schools' Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
Fall						
■ CBM/ORF	≥ 179	159-178	122-158	108-121	87-107	≤ 86
■ CBM Maze	≥ 34	29-33	21-28	18-20	13-17	≤ 12
■ D-ORF*	≥ 165	145-164	110-144	95-109	76-94	≤ 75
■ DAZE	≥ 34	28-33	20-27	16-19	12-15	≤ 11
Winter						
■ CBM/ORF	≥ 193	174-192	138-173	124-137	100-123	≤ 99
■ CBM Maze	≥ 41	35-40	26-34	22-25	17-21	≤ 16
■ D-ORF*	≥ 179	160-178	126-159	112-125	97-111	≤ 96
■ DAZE	≥ 33	28-32	19-27	17-18	12-16	≤ 11
Spring						
■ CBM/ORF	≥ 205	186-204	151-185	136-150	115-135	≤ 114
■ CBM Maze	≥ 46	41-45	31-40	27-30	21-26	≤ 20
■ D-ORF*	≥ 190	168-189	137-167	121-136	102-120	≤ 101
■ DAZE	≥ 44	36-43	27-35	23-26	19-22	≤ 18

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National Public Schools' Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
Fall						
■ CBM/ORF	≥ 172	149-171	107-148	90-106	70-89	≤ 69
■ CBM Maze	≥ 28	22-27	15-21	11-14	8-10	≤ 7
■ D-ORF*	≥ 161	137-160	99-136	83-98	64-82	≤ 63
■ DAZE	≥ 30	24-29	14-23	11-13	8-10	≤ 7
Winter						
■ CBM/ORF	≥ 187	164-186	123-163	105-122	83-104	≤ 82
■ CBM Maze	≥ 34	28-33	19-27	15-18	11-14	≤ 10
■ D-ORF*	≥ 173	150-172	113-149	102-112	80-101	≤ 79
■ DAZE	≥ 30	25-29	17-24	14-16	11-13	≤ 10
Spring						
■ CBM/ORF	≥ 202	179-201	137-178	117-136	92-116	≤ 91
■ CBM Maze	≥ 39	34-38	25-33	21-24	16-20	≤ 15
■ D-ORF*	≥ 181	158-180	121-157	105-120	81-104	≤ 80
■ DAZE	≥ 39	33-38	23-32	20-22	16-19	≤ 15

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

GRADE 5		
Subtest	Realistic	Ambitious
CBM/ORF/D-ORF*	0.50	0.80
CBM Maze	0.28	0.43
DAZE	N/A	N/A

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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.

Shaping Expectations...

Predicting MCAS Success in Grade 5

- A new statistical analysis helps delineate cut scores that students need to achieve to establish the odds in their favor for scoring either **Proficient or Advanced** on the **English Language Arts MCAS**.

Grade 5 <i>Fall ORF</i>	Odds Prof./Adv.
105	70%
117	80%
135	90%
Grade 5 <i>Fall Maze</i>	Odds Prof./Adv.
17	70%
21	80%
24	90%

Gain Scores Table: Fifth Grade

Subtest	Weeks	Ambitious	Typical	Less than Typical
CBM/ORF/D-ORF*	5	≥ 5	3-4	≤ 2
	8	≥ 7	4-6	≤ 3
	10	≥ 9	5-8	≤ 4
CBM Maze	5	≥ 3	2	≤ 1
	8	≥ 3	2	≤ 1
	10	≥ 4	3	≤ 2
DAZE	NOT AVAILABLE			

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**Massachusetts 2012-2013
40th Percentile
Cut-off Scores for the 4-Square Instructional Grouping Tables**

Fifth Grade

Test	Fall 40th %	Winter 40th %	Spring 40th %
CBM/ORF	122	138	151
CBM Maze	21	26	31
D-ORF*	110	126	137
DAZE	20	19	27

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**National 2012-2013
40th Percentile
Cut-off Scores for the 4-Square Instructional Grouping Tables**

Fifth Grade

Test	Fall 40th %	Winter 40th %	Spring 40th %
CBM/ORF	107	123	137
CBM Maze	15	19	25
D-ORF*	99	113	121
DAZE	14	17	23

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