



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

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## **FIFTH GRADE** **2016-2017**

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# Established Benchmarks Levels

## Fifth Grade

	Beginning of Year		Middle of Year		End of Year	
Measure	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)

## National Public Schools' Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
<b>Fall</b>						
■ 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	139-160	100-138	84-99	65-83	≤ 64
■ DAZE	≥ 33	26-32	16-25	12-15	8-11	≤ 7
<b>Winter</b>						
■ 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*	≥ 172	150-171	114-149	102-113	80-101	≤ 79
■ DAZE	≥ 30	25-29	17-24	14-16	11-13	≤ 10
<b>Spring</b>						
■ 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*	≥ 180	159-179	123-158	106-122	82-105	≤ 81
■ DAZE	≥ 40	34-39	23-33	20-22	16-19	≤ 15

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

# National FAST CBM Reading & Adaptive Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
<b>Fall</b>						
FAST CBM Reading	≥ 181	164-180	133-163	118-132	100-117	≤ 99
FAST aReading	≥ 533	525-532	508-524	501-507	488-500	≤ 487
FAST aMath	≥ 224	222-223	214-221	211-213	206-210	≤ 205
<b>Winter</b>						
FAST CBM Reading	≥ 196	179-195	150-178	136-149	116-135	≤ 115
FAST aReading	≥ 538	531-537	516-530	507-515	498-506	≤ 497
FAST aMath	≥ 231	227-230	220-226	216-219	210-215	≤ 209
<b>Spring</b>						
FAST CBM Reading	≥ 210	193-209	161-192	149-160	128-148	≤ 127
FAST aReading	≥ 542	538-541	521-537	513-520	502-512	≤ 501
FAST aMath	≥ 238	233-237	224-232	221-223	214-220	≤ 213

## Benchmarks for FAST CBM Reading & Adaptive Measures – Fifth Grade

Measure	Fall		Winter		Spring	
	Performance	Benchmark Status	Performance	Benchmark Status	Performance	Benchmark Status
CBM Reading	0 - 106	Well Below	0 - 122	Well Below	0 - 136	Well Below
	107 - 132	Below	123 - 149	Below	137 - 160	Below
	≥ 133	At/Above	≥ 150	At/Above	≥ 161	At/Above
aReading	0 - 494	Well Below	0 - 500	Well Below	0 - 504	Well Below
	495 - 507	Below	501 - 514	Below	505 - 520	Below
	≥ 508	At/Above	≥ 515	At/Above	≥ 521	At/Above
aMath	0 - 206	Well Below	0 - 211	Well Below	0 - 216	Well Below
	207 - 213	Below	212 - 219	Below	217 - 223	Below
	≥ 214	At/Above	≥ 220	At/Above	≥ 224	At/Above

# National CBM Math Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
<b>Fall</b>						
M-CAP	≥ 15	11-14	7-10	5-6	4	≤ 3
M-COMP	≥ 32	22-31	11-21	8-10	6-7	≤ 5
<b>Winter</b>						
M-CAP	≥ 19	15-18	9-14	7-8	5-6	≤ 4
M-COMP	≥ 44	33-43	17-32	12-16	8-11	≤ 7
<b>Spring</b>						
M-CAP	≥ 21	16-20	8-15	6-7	5	≤ 4
M-COMP	≥ 59	46-58	26-45	19-25	12-18	≤ 11

# DIBELS MATH Benchmarks

## FifthGrade

Measure	Beginning of Year		Middle of Year		End of Year	
	Performance	Benchmark Status	Performance	Benchmark Status	Performance	Benchmark Status
COMP	0 - 17	Well Below	0 - 30	Well Below	0 - 37	Well Below
	18 - 26	Below	31 - 49	Below	38 - 55	Below
	≥ 27	At/Above	≥ 50	At/Above	≥ 56	At/Above
C&A	0 - 14	Well Below	0 - 22	Well Below	0 - 37	Well Below
	15 -24	Below	23 - 36	Below	38 - 57	Below
	≥ 25	At/Above	≥ 37	At/Above	≥ 58	At/Above
Composite	0 - 37	Well Below	0 - 62	Well Below	0 - 80	Well Below
	38 - 57	Below	63 - 92	Below	81 - 113	Below
	≥ 58	At/Above	≥ 93	At/Above	≥ 114	At/Above

# National DIBELS Math Norms: *Fifth Grade*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
<b>Fall</b>						
Computation	≥ 70	51-69	26-50	19-25	12-18	≤ 1
Concepts & Applications	≥ 59	44-58	24-43	17-23	9-16	≤ 8
Composite	≥ 124	93-123	53-92	40-52	26-39	≤ 25
<b>Winter</b>						
Computation	≥ 98	81-97	51-80	38-50	22-37	≤ 21
Concepts & Applications	≥ 82	65-81	37-64	27-36	15-26	≤ 14
Composite	≥ 174	142-173	90-141	70-89	42-69	≤ 41
<b>Spring</b>						
Computation	≥ 102	85-101	58-84	45-57	28-44	≤ 27
Concepts & Applications	≥ 104	92-103	59-91	45-58	28-44	≤ 27
Composite	≥ 202	174-201	118-173	93-117	60-92	≤ 59



# 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

\*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: Fifth Grade

Subtest	Weeks	Ambitious	Typical	Less than Typical
CBM/ORF/D-ORF*	5	$\geq 5$	3-4	$\leq 2$
	8	$\geq 7$	4-6	$\leq 3$
	10	$\geq 9$	5-8	$\leq 4$
CBM Maze	5	$\geq 3$	2	$\leq 1$
	8	$\geq 3$	2	$\leq 1$
	10	$\geq 4$	3	$\leq 2$
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**

**Fifth Grade**

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

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