

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

KINDERGARTEN 2012-2013

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Established Benchmarks Levels

Kindergarten

Measure	Beginning of Year		Middle of Year		End of Year	
	Performance	Benchmark Status	Performance	Benchmark Status	Performance	Benchmark Status
LNF	0 - 1	Well Below	0 - 14	Well Below	0 - 28	Well Below
	2 - 7	Below	15 - 26	Below	29 - 39	Below
	≥ 8	At/Above	≥ 27	At/Above	≥ 40	At/Above
ISF	0 - 3	Well Below	0 - 9	Well Below		
	4 - 7	Below	10 - 24	Below		
	≥ 8	At/Above	≥ 25	At/Above		
FSF	0 - 4	Well Below	0 - 19	Well Below		
	5 - 9	Below	20 - 29	Below		
	≥ 10	At/Above	≥ 30	At/Above		
PSF			0 - 9	Well Below	0 - 24	Well Below
			10 - 19	Below	25 - 39	Below
			≥ 20	At/Above	≥ 40	At/Above
NWF-CLS			0 - 7	Well Below	0 - 14	Well Below
			8 - 16	Below	15 - 27	Below
			≥ 17	At/Above	≥ 28	At/Above

Massachusetts Public Schools' Norms: *Kindergarten*

Subtest	Well Above Average	Above Average	Average	Low Average	Below Average	Well Below Average
Fall						
■ LNF	≥ 44	34-43	16-33	8-15	2-7	≤ 1
■ ISF	≥ 30	22-29	10-21	7-9	3-6	≤ 2
■ FSF	≥ 34	25-33	7-24	1-6	0	--
Winter						
■ LNF	≥ 63	54-62	39-53	32-38	21-31	≤ 20
■ ISF	≥ 52	41-51	27-40	22-26	16-21	≤ 15
■ FSF	≥ 59	52-58	39-51	32-38	21-31	≤ 20
■ PSF	≥ 59	51-58	33-50	19-32	9-18	≤ 8
■ NWF-CLS	≥ 47	35-46	22-34	16-21	9-15	≤ 8
■ NWF-WWR	≥ 10	3-9	1-2	0	--	--
Spring						
■ LNF	≥ 74	66-73	51-65	44-50	35-43	≤ 34
■ PSF	≥ 72	64-71	52-63	46-51	34-45	≤ 33
■ NWF-CLS	≥ 76	54-75	34-53	28-33	21-27	≤ 20
■ NWF-WWR	≥ 25	16-24	3-15	1-2	0	--

Expected Weekly Growth Rates for *Critical Early Literacy Skills*

KINDERGARTEN		
Subtest	Realistic	Ambitious
Letter Naming Fluency	0.93	1.14
Initial Sound Fluency	0.49	0.78
First Sound Fluency	1.45	1.84
Phoneme Segmentation Fluency	0.92	1.25
Nonsense Word Fluency (CLS)*	0.80	1.30
Nonsense Word Fluency (WWR)	0.33	0.70

* From C. Parker (2003). [Utilizing general outcome measures to examine the weekly growth rates of kindergartners' early literacy skills]. Unpublished raw data.

Gain Scores Table: Kindergarten

Subtest	Weeks	Ambitious	Typical	Less than Typical
Letter Naming Fluency	5	≥ 7	5-6	≤ 4
	8	≥ 10	7-9	≤ 6
	10	≥ 12	9-11	≤ 8
Initial Sound Fluency	5	≥ 5	2-4	≤ 1
	8	≥ 7	4-6	≤ 3
	10	≥ 9	5-8	≤ 4
First Sound Fluency	5	≥ 9	8	≤ 7
	8	≥ 15	13-14	≤ 12
	10	≥ 18	15-17	≤ 14
Phoneme Segmentation Fluency	5	≥ 7	5-6	≤ 4
	8	≥ 11	7-10	≤ 6
	10	≥ 14	9-13	≤ 8
Nonsense Word Fluency (CLS)	5	≥ 8	4-7	≤ 3
	8	≥ 11	6-10	≤ 5
	10	≥ 14	8-13	≤ 7
Nonsense Word Fluency (WWR)	5	≥ 4	3	≤ 2
	8	≥ 6	4-5	≤ 3
	10	≥ 7	4-6	≤ 3

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

Kindergarten

Test	Fall 40th %	Winter 40th %	Spring 40th %
LNF	16	39	51
ISF	10	27	N/A
FSF	7	39	N/A
PSF	N/A	33	52
NWF - CLS	N/A	22	34
NWF - WWR	N/A	1	3