

Revised based on 2007-08 ISAT

Grade	Measure	Fall Below Basic	Fall Proficient	Winter Below Basic	Winter Proficient	Spring Below Basic	Spring Proficient	Spring Confidently Proficient	
K	LNF*	2	8	15	27	29	40		
	LSF**	3**	13**	15	30	25	40		
	NWF	-	-	5	20	15	25		
1	LSF	20	35	-	-	-	-		
	NWF*	15	25	30	50	-	-		
	R-CBM	0	20	20	40	40	60		
2	R-CBM	30	45	55	65	70	90		
3	R-CBM	51	76	72	97	87	114		165
4	R-CBM	71	97	87	113	98	126		170
5	R-CBM	80	106	94	121	110	138		180
6	R-CBM	88	114	99	127	112	139	195	
7	R-CBM	98	129	100	136	110	150	200	
8	R-CBM	135	150	145	150	150	150	200	

Note. LNF = Letter Naming; LSF = Letter Sound;
NWF = Nonsense Word Fluency; R-CBM = Reading Curriculum-Based Measurement;

Use of Cut Scores: Cut Scores for the ISAT are intended to be used primarily for Program Evaluation purposes (for example making triangles). Scores at-or below values of below basic indicate justification for concern. Scores at or above the proficient level indicate a high probability that students have mastered basic skills for that grade level. Scores that fall between the Below Basic and proficient range indicate a degree of uncertainty regarding mastery of basic skills. *COMING SOON 2008-09 Cross Validation study invitation.*

Stability: Performance of cut scores across years and districts has been stable +/- 10% including revised ISAT 05-06, 06-07 and 07-08 for grade 3. Cut-scores are approximated with a combination of logistic regression and discriminant function analysis with the criterion measure being the state test for Illinois (ISAT). Bootstrap resampling of 100 repeated logistic regressions of third grade data revealed asymmetric 95% empirical confidence intervals within 4 WRC. Specifically, the Fall cut score for Below Basic of 51 ranged from 51 to 54 WRC; The Fall Proficient Cut Score of 77 ranged from 76 to 80.

Validity: Predictive Validity coefficients for R-CBM to ISAT ranged from .71 to .74, with a sample of between 1300 to 2600 students from 8 districts in Northern Illinois.

Removed Measures: Repeated failure to replicate adequate diagnostic indices has caused me to remove cut scores for Initial Sounds Fluency, Phoneme Segmentation Fluency and MAZE. While these measures may be useful as diagnostic screeners, or convergent sources of data, my analyses do not support the use of these measures without the support of other more reliable and valid measures of General Outcomes in Reading.

* LNF and NWF based on DIBELS Cut Scores

**LSF in Fall of K is typically measured in late October or early November

COMING SOON 2008-09 Cross Validation study invitations

REVISED 9/2009

Please direct questions to Ben Ditkowsky, Ph.D.; ben@measuredeffects.com