

## Summary of Validity Studies

Study	Subjects	Criterion Measure	Passages Derived From	Correlations
Bain & Garlock, 1992	479 1st to 3rd grade (1st was Title 1)	MacMillan Series r (at students grade level)	Comprehensive Tests of Basic Skills (CTBS)	.62 (1st) .79 (2nd) .72 (3rd)
Collins, 1989	58 2nd grade general ed.	Harcourt-Brace-Jovanovich (HBJ) Basal Reader (level 6 & 7)	California Achievement Test (CAT) & Harcourt- Brace-Jovanovich (HBJ) Basal Reader end of level test for comprehension	.75 .60
Deno, Mirkin, and Chiang, 1982; see also Fuchs, Tindal, and Deno, 1984.	45 1st to 6th grade with 18 LD	Allyn-Bacon, Ginn, & Houghton-Mifflin Basal Readers (3rd & 6th grade level)	Cloze Word Meaning	.86 (3rd) .87 (6th) .57 (3rd) .56 (6th)
Fuchs, 1981; see also Fuchs & Deno, 1992	91 1st to 6th grade with 15 special ed. & 23 Title 1	Ginn & Scott-Foresman Basal Readers, from each level (Ginn=10, S-F=9) (grade level 2nd to 6th)	Woodcock Reading Mastery Test (WRMT)	.91 (Ginn) .91 (S-F)
Fuchs, Fuchs, and Maxwell, 1988	35 4th to 8th grade with 27 LD, 7 ED, & 1 MR	Comprehensive Tests of Basic Skills (CRAB) at 2nd & 3rd grade level	SAT Questions Cloze Retell	.91 .84 .75 .74
Fuchs, Tindal, Fuchs et al., 1983	21 4th grade general ed.	Word Reading Test (at students grade level)	Holt Basic Reading Series	.79

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Fuchs, Tindal, Shinn, Fuchs, and Deno, 1983; see also Tindal, Fuchs et al., 1985	47 5th grade general ed.	Word Reading Test (at students grade level)	Ginn Basal Reader Mastery Test	.72
Hintze, Shapiro, Conte, and Basile, 1997	57 2nd to 4th grade with 8 special ed.	Authentic & Literature based Basal Readers (1st through 5th grade level)	Degrees of Reading Power Test (DRP)	.67 (Auth) .64 (Liter.)
Jenkins, Fuchs et al., 2000	113 4th grade with 7 RD	Comprehensive Tests of Basic Skills (CRAB) at 2nd & 3rd grade level	Iowa Test of Basic Skills (ITBS)	.83
Jenkins & Jewell, 1993	335 2nd to 6th grade with 15 LD, 1 MR, 1 ED	Narrative passages (1.7 grade level)	Gates-MacGinite Reading Test (GMRT)  Metropolitan Achievement Test (MAT)	.86(2nd) .82(3rd) .86(4th) .68(5th) .63(6th) .84(2nd) .67(3rd) .82(4th) .64(5th) .58(6th)
Kranzler, Brownell, and Miller, 1998	57 4th grade general ed.	Ginn Basal Readers (4th grade level)	Kaufman Test of Educational Achievement -Brief (KTEA-B)	.41
Kranzler, Miller, and Jordan, 1999	326 2nd to 5th grade general ed.	Ginn Basal Readers (2nd through 5th grade level)	California Achievement Test (CAT)	.63 (2nd) .52 (3rd) .54 (4th) .51 (5th)
Lomax. 1983	101 1st to 6th grade LD	Diagnostic Reading Scales (DRS)	Diagnostic Reading Scales (DRS)  Comprehensive Tests of Basic Skills (CTBS)	.76 .75

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Madelaine & Wheldall, 1998	50 1st to 5th grade general ed	Wheldall Testing of Reading Passages, (5th to 6th grade reading level)	Neale Analysis of Reading- Revised	.71
Markell, 1991	42 3rd grade general ed.	Holt, Rinehart, & Winston Basal Readers (2nd, 4th , & 6th grade level)	Mazes below grade level Mazes at grade level Mazes above grade level Questions below grade level Questions at grade level Questions below grade level	.86 .89 .87 .26 .50 .40
Marston & Deno, 1982	26 3rd grade general ed.	Ginn Reading Series (3rd grade level)	Stanford Achievement Test (SAT) Science Research Associates (SRA) Ginn 720 Reading Series	.88 .80 .83
Parker, Hasbrouck, and Tindal, 1992	64 4th to 6th grade using lowest readers & Title 1	Students Basal Reader (1 below, 1 at and 1 above grade level)	Mazes	.76 (4th) .76 (5th) .59 (6th)
Shinn, Good, Knutson, Tilly, and Collins, 1992	238 3rd & 5th grades with 5% special ed.	Harcourt-Brace-Jovanovich (HBJ) Basal Reader (at students grade level)	Cloze SDRT Retell	.77 (3rd) .63 (5th) .59 (3rd) .58 (5th) .60 (3rd) .39 (5th)
Tindal, Fuchs et al., 1983; see also Tindal, Fuchs et al., 1985	25 4th grade general ed.	Word Reading Test (at students grade level)	Scott-Foresman Basal Mastery Test	.70

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Tindal, Shinn et al., 1983; see also Tindal, Fuchs et al., 1985	47 6th grade general ed.	Word Reading Test (at students grade level)	Houghton-Mifflin Basic Reading Test	.66
Parker, Hasbrouck, and Tindal, 1992	64 4th to 6th grade using lowest readers & Title 1	Students Basal Reader (1 below, 1 at and 1 above grade level)	Mazes	.76 (4th) .76 (5th) .59 (6th)

## Reading CBM – Is it a Reliable Measure?

### Summary of Reliability Studies

Study	Subjects	Type of Reliability	Results
Marston, 1982 (Grade 3 word list) (Grade-level list)	83 students who scored below 15th percentile in written expression, grades 3 to 6	T10 parallel forms, 1 week est-retest (10 weeks) apart.  Test-retest (10 weeks) 10 parallel forms, 1 week apart	.90-.96 (range) .90 (mean)  .82 .91 (mean) .84-.94 (range)
Shinn, 1981	7-1 LD and low-achieving students, grade 5 (Grade-level list)	Test-retest (5 weeks) 4 parallel forms, 1 week apart	.90-.91 (median) .89-.94 (range)
Tindal, Germann, et al., 1983 (passages)	30 regular education students, grade 5	Test-retest (2 weeks)	.97
Tindal, Germann, et. al., 1983 passages	110 regular education students, grade 4 passages	2 parallel forms at same time	.94
Tindal, Marston, etal., 1983 (passages)	566 randomly selected students, grades 1 to 6	Test-retest (10 weeks) Alternate form (I week) Inter-judge agreement	.92 .89 .99