Module 1: Introduction to the Foundations of DIBELS Next



Part I

DIBELS® NEXT OVERVIEW

Purpose Prevention Benchmark Goals

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- Identify students who may be at risk for reading difficulties
- Help teachers identify areas to target instructional support
- Monitor progress of students

sixth grade that can be used to:

Examine the effectiveness of instructional support

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Using knowledge of words, word meanings, and grammar to

The understanding that spoken words are made up of

sequences of individual speech sounds or phonemes.

 <u>Alphabetic Understanding:</u> Knowledge of letter-sound correspondences and the understanding that letters

2. Phonological Recoding (blending): The use of alphabetic

understanding to decode or read unknown words

and unknown words with automaticity and confidence.

Knowing and applying letter-sound patterns to read known

Reading that is accurate (without too many miscues). at a

reasonable rate, and prosodic (read with enough expression

Basic Early Literacy Skills are

understand and express meaning.

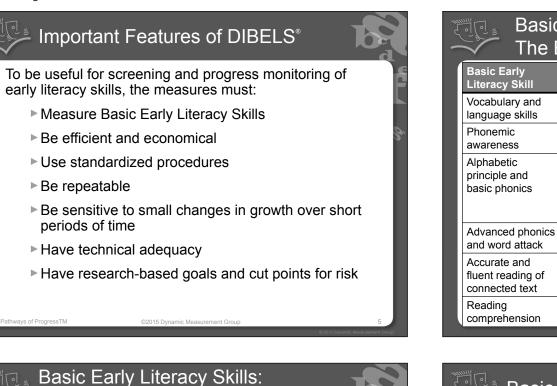
that it sounds like language).

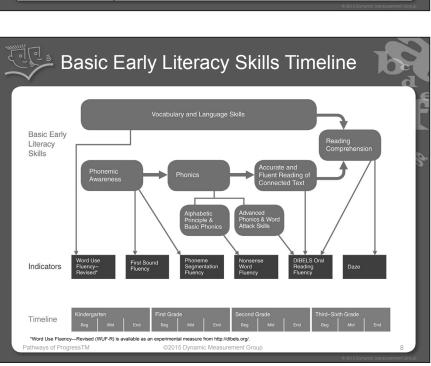
represent sounds in spoken words.

The process of drawing meaning from text.

The Big Ideas

The Big Idea





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Benchmark Goals Provide Three Levels of Performance

If a student achieves a Benchmark Goal, the odds are in favor of that student achieving later reading outcomes.

- At or Above Benchmark: Odds are generally 80% to 90% of achieving subsequent benchmark goals and important reading outcomes. Student is likely to make adequate progress with effective core instruction.
- Below Benchmark: Odds are generally 40% to 60% of achieving subsequent benchmark goals and important reading outcomes. Student is likely to need strategic support to make adequate progress.
- Well-Below Benchmark: Odds are generally 10% to 20% of achieving subsequent benchmark goals and important reading outcomes. Student is likely to need intensive support to make adequate progress.

Benchmark Goals and Need for Support At or Above Benchmark Odds are 80% to 90% 120 of Achieving Subsequent Early Literacy Goals Well-Below Benchmark Odds are 10% to 20% of Achieving Subsequent Early Literacy Goals Sept Oct Nov Dec Jan Feb Mar May Apr

Deneminark	Goal Research	leeting Selected Later	Important Reading Ou	utcomes from
Measure	Score Level	Odds of being on track on the Middle-of-Year DIBELS Composite Score based on the Beginning- of-Year DIBELS Composite Score	Odds of being on track on the End-of-Year DIBELS Composite Score based on the Middle-of-Year DIBELS Composite Score	Odds of being on track on GRADE based on the End-of-Year DIBELS Composite Score
DIBELS	At or Above Benchmark	84%	90%	90%
Composite	Below Benchmark	35%	34%	48%
Score	Well Below Benchmark	26%	12%	10%
	At or Above Benchmark	75%		
PSF	Below Benchmark	56%		
	Well Below Benchmark	39%		
	At or Above Benchmark	83%	85%	83%
NWF-CLS	Below Benchmark	40%	42%	50%
	Well Below Benchmark	20%	26%	35%
	At or Above Benchmark	81%	85%	83%
NWF-WWR	Below Benchmark	36%	42%	59%
	Well Below Benchmark		21%	32%
DORF	At or Above Benchmark		88%	90%
Words	Below Benchmark		34%	42%
Correct	Well Below Benchmark		7%	10%
	At or Above Benchmark		87%	89%
DORF Accuracy	Below Benchmark		39%	36%
Accuracy	Well Below Benchmark	I	20%	13%

😳 High Technical Adequacy: Reliability 🖒

Single- and Three-Form Reliability Estimates for DIBELS Measures

	Type of Reliability					
	Inter-Rater		Alternate-Form		Test-Retest	
DIBELS Measure	Single- Form	Three- Form	Single- Form	Three- Form	Single- Form	Three- Form
First Sound Fluency	.94	.98	.82	.93		
Letter Naming Fluency	.99	1.00	.86	.95		
Phoneme Segmentation Fluency	.96	.99	.44	.70		
NWF: Correct Letter Sounds	.99	1.00	.7185	.8894	.76	.90
NWF: Whole Words Read	.99	1.00	.9092	.9697	.70	.88
DORF Single Passage: WC/Min			.8395	.9297		
DORF Triad: WC/Min				.9598		.9799
DORF Triad: Accuracy				.7688		.8098
DORF Triad: Retell		.9299		.6581		.2769
Daze Adjusted Score	.9899	.99 - 1.00	.6681	.8593		
DIBELS Composite Score	.9799		.6697		.8194	
Note.All correlations significant at p< .001. P	SF kindergarte	en reliability re	oorted.			
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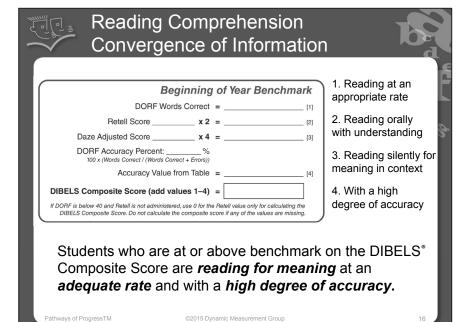
High Technical Adequa	acy: Validity
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Predictive Validity Coefficients for DIBELS Measures with GRADE Total Test Raw Score

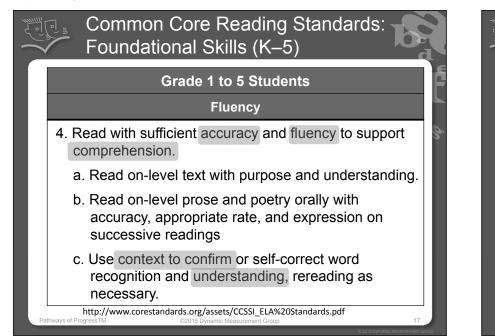
	G	GRADE Total Test raw scores by grade					de
Beginning of Year DIBELS Measure	К	1	2	3	4	5	6
First Sound Fluency	.52	-	-	-	-	-	-
Letter Naming Fluency	.39	.54	-	-	-	-	-
Phoneme Segmentation Fluency	-	.33	-	-	-	-	-
NWF: Correct Letter Sounds	-	.43	.51	-	-	-	-
NWF: Whole Words Read	-	.39	.51	-	-	-	-
Oral Reading Fluency Words Correct	-	-	.69	.66	.77	.69	.64
Oral Reading Fluency Accuracy	-	-	.75	.68	.62	.53	.55
Retell	-	-	.53	.48	.56	.61	.55
Daze Adjusted Score	-	-	-	.65	.67	.56	.60
DIBELS Composite Score	.50	.55	.75	.73	.80	.76	.71
Note. All correlations significant at p < .001.							
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		DORF	DIBELS	Additional
\sim		Words	Composite	Variance
Crown Booding		Correct	Score	Explained
Group Reading		0	0	by DIBELS
Assessment and		GRADE	GRADE	Composite
Diagnostic	Grade and Time of Year	Total	Total	Score
Evaluation	Grade 1 Middle of Year	0.64	0.70	8%
Evaluation	Grade 1 End of Year	0.75	0.77	4%
DIBELS Composite	Grade 2 Beginning of Year		0.75	8%
Score explains more	Grade 2 Middle of Year	0.76	0.80	5%
· · ·	Grade 2 End of Year	0.73	0.75	3%
variance in reading	Grade 3 Beginning of Year		0.73	10%
outcomes than DORF	Grade 3 Middle of Year	0.67	0.78	15%
Words Correct alone.	Grade 3 End of Year	0.66	0.75	13%
	Grade 4 Beginning of Year		0.80	5%
Median 9% more,	Grade 4 Middle of Year	0.76	0.80	6%
range 3% to 17%.	Grade 4 End of Year	0.75	0.80	8%
•	Grade 5 Beginning of Year	0.69	0.76	11%
DORF Words Correct	Grade 5 Middle of Year	0.64	0.76	17%
alone is good,	Grade 5 End of Year	0.66	0.77	17%
DIBELS Composite	Grade 6 Beginning of Year	0.64	0.71	9%
•	Grade 6 Middle of Year	0.59	0.68	12%
Score is better.	Grade 6 End of Year	0.61	0.73	16%
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					Additional
			DORF	DIBELS	Variance
California Sta	Indards		Words Correct	Score	Explained
Test (CS	ST)				by DIBELS Composite
Replication I		Grade and Time of Year	CST	CST	Score
		Grade 2 Beginning of Year	.74	.75	1%
DIBELS Comp		Grade 2 Middle of Year	.76	.76	0%
Score explains	more	Grade 2 End of Year	.75	.76	2%
variance in rea	lding	Grade 3 Beginning of Year	.68	.71	4%
outcomes than	DORF	Grade 3 Middle of Year	.69	.71	3%
Words Correct		Grade 3 End of Year	.69	.73	6%
Words Correct	alone.	Grade 4 Beginning of Year		.78	12%
Median 6% mo	ore,	Grade 4 Middle of Year	.72	.77	7%
range 0% to 1	5%.	Grade 4 End of Year	.71	.76	7%
, and the second s		Grade 5 Beginning of Year	.71	.74	4%
DORF Words	Correct	Grade 5 Middle of Year	.69	.73	6%
alone is good	,	Grade 5 End of Year	.67	.74	10%
DIBELS Com	osite	Grade 6 Beginning of Year	.67	.74	10%
Score is bette		Grade 6 Middle of Year	.66	.75	13%
Score is bette		Grade 6 End of Year	.63	.74	15%
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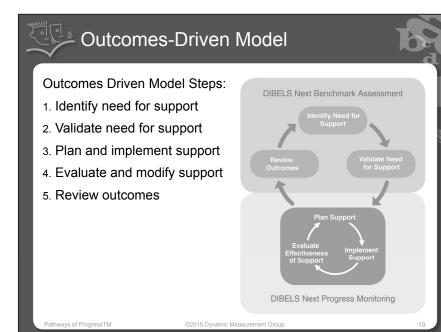


How Do We Make Educational Decisions with DIBELS[®]?

Use DIBELS within an *Outcomes-Driven Model*: An overarching framework comprised of decision-making steps designed to answer specific questions for specific purposes.

Outcomes-Driven Model Steps:

- 1. Identify need for support
- 2. Validate need for support
- 3. Plan and implement support
- 4. Evaluate and modify support
- 5. Review outcomes



Outco	mes-Driven Mode	
ODM Step	Questions: Student	Questions: Systems
. Identify Need for Support	Which students may need support?	Are there students who may need support? How many students may need support?
2. Validate Need for Support	Are we reasonably confident that the identified students need support?	Are we reasonably confident in the accuracy of our data overall?
3. Plan and Implement Support	What are the student's skills and needs? What is the plan of support for the student, including goals and plan for progress monitoring?	At what grade levels and/or in what areas may support be needed? What are our system-wide goals? What is our system-wide plan for support?
. Evaluate and Modify Support	Is each student making adequate progress? Is the support effective for individual students?	Are we making progress toward our system-wide goals? Is our system of support effective?
i. Review Outcomes	Has the support been effective for individual students? Has the student met his/her goal? Which students may need support?	Have we met our system-wide goal? Is our system of support effective? Are there students who may need support? How many students may need support?

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