



1

---

---

---

---

---

---

---

---

**SERIES OVERVIEW**

Easy-to-follow roadmap that integrates early and valid identification of learning difficulties, explicit and systematic instruction, and efficient progress monitoring. The aim is to provide precision services that amplify impact.

**Achieving Language and Literacy Success**

**Screen Early**  
Identify learning difficulties early to provide timely support.

**Teach Explicitly**  
Deliver structured and systematic instruction to enhance learning.

**Monitor Progress**  
Track student progress to ensure effective learning outcomes.

2

---

---

---

---

---

---

---

---

- ▶ **Get on the Right Track by Measuring What Matters:**  
VALID Tier-1 Screening and Diagnostic Assessments for DLD and Dyslexia  
Tuesday 26th August 10 am-12 pm (AEST)
- ▶ **Accelerate Learning with Multi-tiered, Explicit, and Systematic Language Instruction**  
SYSTEM-WIDE Explicit, Systematic Academic Language Instruction and Intervention  
Tuesday 2nd September 10 am-12 pm (AEST)
- ▶ **Follow the Compass with Progress Monitoring**  
SYSTEM-WIDE Valid Benchmark Assessments and Progress Monitoring of Decoding and Academic Language  
Tuesday 9th September 10 am - 12 pm (AEST)

3

---

---

---

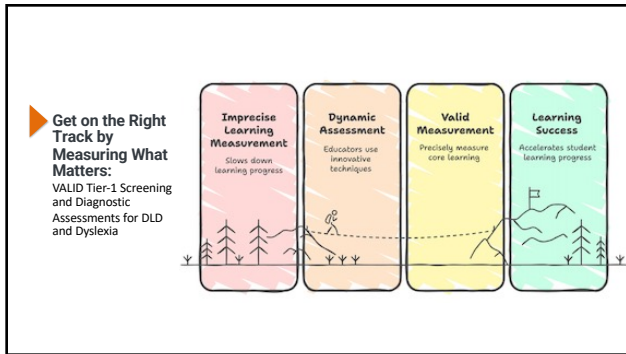
---

---

---

---

---



4

---

---

---

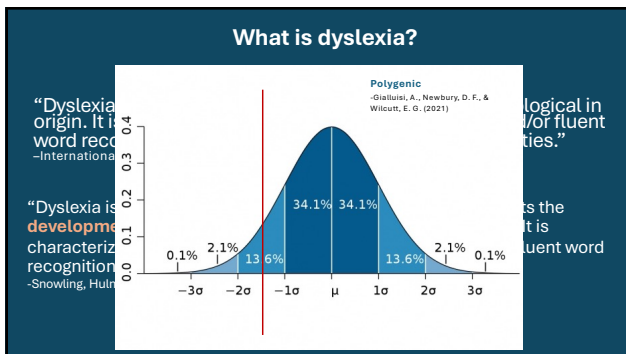
---

---

---

---

---



5

---

---

---

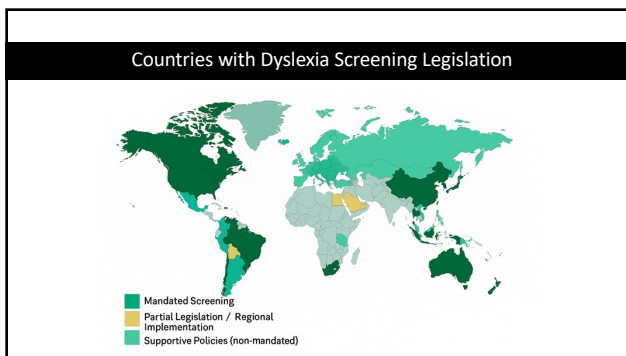
---

---

---

---

---



6

---

---

---

---

---

---

---

---

### Are Dyslexia Screeners Accurate?

Sick		Healthy		
TRUE POSITIVES (TP)		FALSE POSITIVES (FP)		$PV+ = \frac{TP}{TP + FP}$
FALSE NEGATIVES (FN)		TRUE NEGATIVES (TN)		
<b>Sensitivity</b> $\frac{TP}{TP + FN}$		<b>Specificity</b> $\frac{TN}{TN + FP}$		$NPV = \frac{TN}{TN + FN}$

*Sensitivity:* The percent of people with the disorder who are correctly identified as having the disorder.

*Specificity:* The percent of people without the disorder who are correctly identified as *not* having the disorder.

7

---

---

---

---

---

---

---

---

---

---

### Are Dyslexia Screeners Accurate?

Comparison of Sensitivity and Specificity: DIBELS Next vs SDS

“Shaywitz Dyslexia Screen (SDS) and Dynamic Indicators of Basic Early Literacy Skills Next (DIBELS Next) were compared for 115 K-3 students with specific reading deficits using the Phonological Awareness Composite of the Comprehensive Test of Phonological Processing as the criterion.”

“Results suggested that the decision accuracy for DIBELS Next (78%) was better than SDS (45%) and both sensitivity (**DIBELS Next = 90%, SDS = 35%**) and **positive post-test probability (DIBELS Next = 71%, SDS = 42%) favored DIBELS Next.**”

...Specificity of 56% for the SDS and 66% for DIBELS Next.

Burns et al. (2022)

8

---

---

---

---

---

---

---

---

---

---

### Are Dyslexia Screeners Accurate?

Sensitivity and Specificity from Catts et al. (2009)

**Phonemic Awareness:**  
80% sensitivity  
32% Specificity

**Letter Naming:**  
80% sensitivity  
41% specificity

“...screening instruments designed to identify children at risk for reading disabilities continue to have limited predictive validity.”

N = 1,991 children  
Grade level at screening: Kindergarten

9

---

---

---

---

---

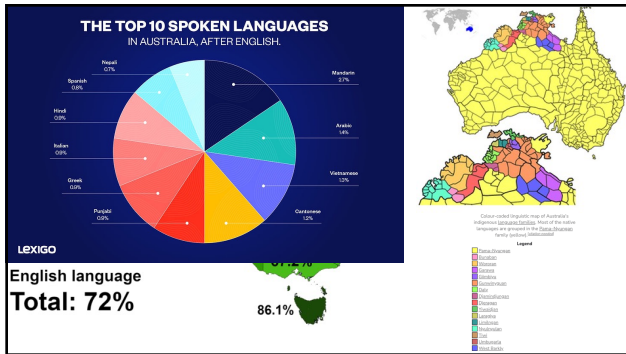
---

---

---

---

---




---

---

---

---

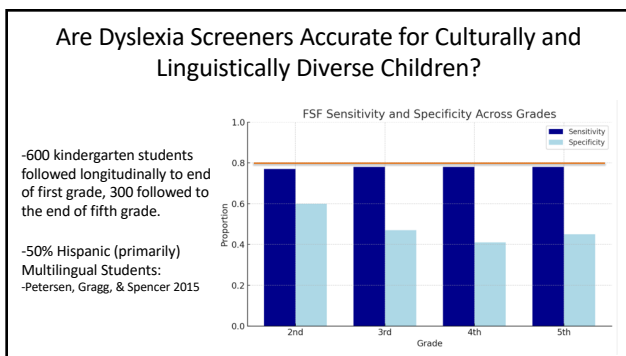
---

---

---

---

10




---

---

---

---

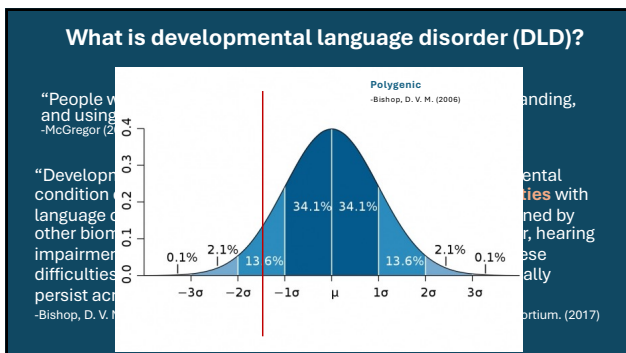
---

---

---

---

11




---

---

---

---

---

---


---

---

12

**abc 123** Children with DLD are **4 times more likely to have math disabilities** and **6 times more likely to have reading disabilities.**

**1 IN 14** people have Developmental Language Disorder (DLD), an invisible, lifelong disability.



**DLD is the accepted term in English-speaking countries** replacing specific language impairment, language disorder and language delay.

13

---

---

---

---


---

---

---

---

**Countries with DLD Screening Legislation**



14

---

---

---

---

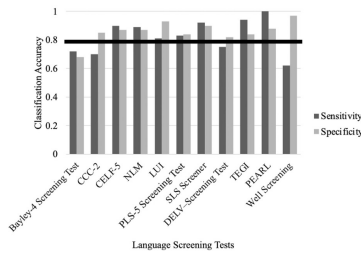
---

---

---

---

**Are Current DLD Screeners Accurate?**



**Review Article**  
**A Review of Screeners to Identify Developmental Language Disorder**  
 Xue Bin,<sup>1</sup> Rouzanna Korreditsis,<sup>2</sup> and Tiffany P. Hogan<sup>1</sup>  
<sup>1</sup>School of Health and Rehabilitation Sciences, MRCB Institute of Health Professions, Bristol

15

---

---

---

---

---

---

---

---

**Test Accuracy When Administered to Diverse Students**

*Performance of ELL Referred Students on WISC-V, CTOPP-2, and TAPS-4*

2024 EVALUATION OF CULTURAL-LINGUISTIC FACTORS LANGUAGE TESTING WITH ENGLISH LEARNERS Mayra Alejandra Reyes Ruiz <th rowspan="2">n</th> <th colspan="2">Scale Scores</th> <th colspan="2">Standard Scores</th>	n	Scale Scores		Standard Scores	
		M	SD	M	SD
<b>WISC-V</b>					
	38	6.18	3.00	80.92	14.97
	38	6.84	2.52	84.21	12.60
	39	8.44	2.26	92.18	11.29
	41	8.85	2.57	94.27	12.87
	41	8.12	3.01	90.61	15.05
	41	8.85	2.60	94.27	13.02
	40	5.55	2.28	77.75	11.38
	41	7.46	2.25	87.32	11.24
	40	7.90	3.02	89.50	15.10
	37	8.46	2.85	92.30	14.27
<b>CTOPP-2</b>					
	59	5.25	2.07	76.27	10.36
	59	6.12	2.44	80.51	12.24
	44	5.68	1.74	78.41	8.679
	50	5.66	2.16	78.30	10.81
	51	6.35	3.26	81.96	16.10
	52	7.13	2.24	85.67	11.20
	47	6.77	2.43	83.83	12.17

LSHSS

© YOU HAVE ACCESS | Clinical Notes | January 2024  
**Alternative Assessment of Language and Literacy: Diverse Populations**  
 Authors: Sandra P. Lang and Alan Rankin | AUTHORS: MELS & AFFILIATIONS  
 Publication: Language, Speech, and Hearing Services in Schools, \*\* Volume 34, Number 1 | Page

16

---

---

---

---

---

---

---

---

---

---

Are Static Dyslexia and DLD Screeners  
Accurate When Administered to Young Children?

Are Static Dyslexia and DLD Screeners Accurate When  
Administered to Culturally and Linguistically Diverse Students?

The results from most currently available static screeners cannot be  
validly interpreted when administered to culturally and linguistically  
diverse students.

17

---

---

---

---

---

---

---

---


---

---

**Assessment Bias**

Sensitivity and specificity is often lower for culturally and linguistically diverse students

- High potential for Content and Linguistic Bias
- Assessment in L1 does not guarantee valid results
- Static assessment cannot control for cultural, linguistic, and historical factors



18

---

---

---

---

---

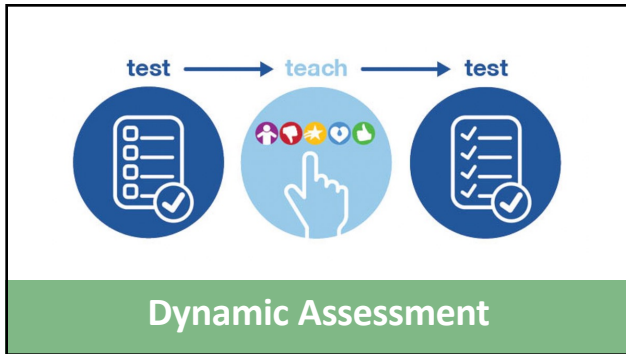
---

---

---

---

---



19

---

---

---

---

---

---


---

---

**Feuerstein's Theory of Structural Cognitive Modifiability**

*"What if intelligence can be taught and was in fact the ability to learn?"*  
Feuerstein et al., 1979)

1. **Structural Cognitive Modifiability (SCM)**  
Intelligence is not fixed, instead, it is modifiable.
2. **Mediated Learning Experience (MLE)**  
Learning is most effective when an adult mediates the environment.
3. **Learning Potential Instead of Static Scores**  
Dynamic assessment provides insight into learning potential



20

---

---

---

---


---

---

---

---

How does dynamic assessment compare to static assessment?

<p><b>Static Assessment</b></p> <p>Measure a person's current skills and performance</p> <p>Assumes equal access to learning</p>		<p><b>Dynamic Assessment</b></p> <p>Measures a person's ability or potential to learn skills</p> <p>Acknowledges unequal access to learning</p>
----------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

21

---

---

---

---

---

---

---

---

What are the Results of Research on Dynamic Assessment (and why are they so strong)?

	Sensitivity	Specificity	Aspect of Language Measured
Forbush Romero et al., 2021	100%	100%	Narratives
Kramer et al., 2009	92%	100%	Narratives
Laurie & Pesco, 2023	85.78%	100%	Narratives
Peña et al., 2006	100%	100%	Narratives
Peña et al., 2007	93.3%	92%	Narratives
Peña et al., 2014	89%	89%	Narratives
Petersen et al., 2017	100%	100%	Narratives
Petersen et al., 2020	100%	95.2%	Vocabulary

22

---

---

---

---

---

---

---

---

**DYMOND™**  
DYNAMIC MEASURES OF NARRATIVE LANGUAGE & DECODING

Douglas B. Petersen  
Trina D. Spencer  
Alisa Konishi-Therkildsen

© 2024 Language Dynamics Group, LLC. All rights reserved. | www.LanguageDynamicsGroup.com

23

---

---

---

---

---

---

---

---

Language Disorder

**A NORMATIVE SAMPLE THAT IS DIVERSE!**

Children <b>1454</b>	States <b>38</b>	Race/Ethnicity Other Than White <b>42.5%</b>
Grades <b>K-8</b>	Multilingual <b>24.7%</b>	Free/Reduced Lunch <b>44.3%</b>

24

---

---

---

---

---

---

---

---



**DYMOND™**

**Diagnostic Assessment for DLD and Dyslexia**

- Identify students who have DLD and/or Dyslexia
- Help determine eligibility for special education
- Differentiate difference from disorder
- Identify strengths, weaknesses, and intervention targets

WHO: Students (K-8) referred for special education eligibility  
EXAMINERS: Individuals who have specialized training in assessment, evaluation, and diagnosis of language and/or reading disorders.

**Tier 1 Screening for DLD and Dyslexia**

- Determine risk for DLD and Dyslexia among all students, regardless of cultural and linguistic background
- Fulfill legislative requirements
- Reduce over-identification

WHO: All students (K-8)  
EXAMINERS: Educators trained to administer the DYMOND (e.g., general education teacher)

25

---

---

---

---

---

---

---

---

---

---

**DYMOND**  
Subtests  
Administration  
Time

**Diagnosis/Screening**

- Dynamic Assessment of Narrative Discourse (DAND)
  - 6-8 minutes
- Dynamic Assessment of Decoding (DAD)
  - 5-7 minutes

**Identifying Strengths, Weaknesses and Informing Instruction**

- Dynamic Assessment of Inferential Word Learning (DAIWL)
  - 2 minutes
- Rapid Automatized Naming (RAN)
  - 2 minutes

26

---

---

---

---

---

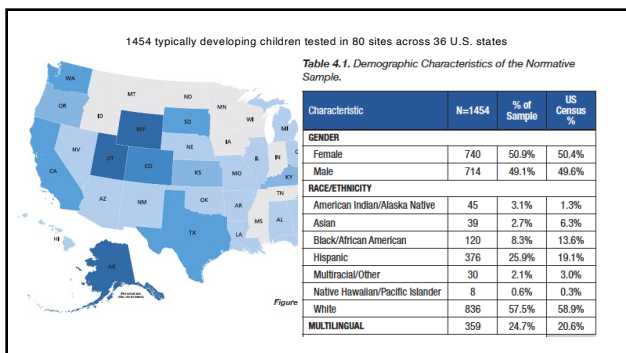
---

---

---

---

---



27

---

---

---

---

---

---

---

---

---

---



28

---

---

---

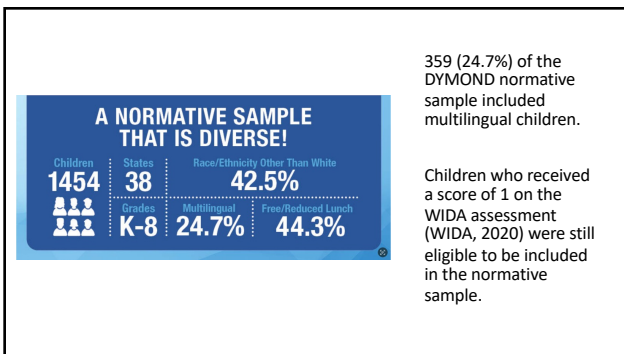
---

---

---

---

---



29

---

---

---

---

---

---

---

---

**It is the test developers' responsibility to adequately make the case that the test can be used for its intended purposes (validity)**

- Purpose 1 and 2 of the DYMOND: Identifying Language Learning Disorder and Decoding Learning Disorder**
- The Results of the DYMOND can be inferred to indicate a probable language learning disorder and decoding learning disorder for the majority of children across the U.S., including those who are culturally and linguistically diverse*

30

---

---

---

---

---

---

---


---





Testing the Limits

- Despite the varying levels of English proficiency, nearly all children were able to complete the DYMOND. Only children who could not understand the basic English instructions necessary to complete the tasks were discontinued from the study.
- The results indicated 100% sensitivity and 94% specificity.



37

---

---

---

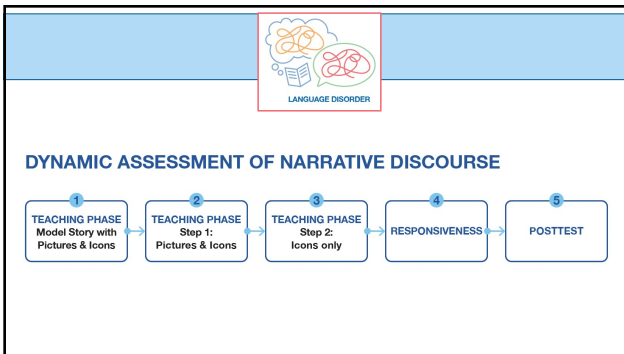
---

---

---

---

---



38

---

---

---

---

---

---

---

---

Example of how to use Overcorrection procedure with Level 1 and Level 2 Prompts

<p><b>Level 1 + Overcorrection</b></p> <p>Child: (omits consequence in independent retell) ✗</p> <p>Examiner Provides Level 1 Prompt: "What happened after he tried to scrape off the mustard?"</p> <p>Child: "It still tasted gross." ✓</p> <p>Examiner Provides Overcorrection procedure: "Good job! Go back to the attempt (point to attempt icon) and remember to tell me the consequence."</p>	<p><b>Level 1 + Level 2 + Overcorrection</b></p> <p>Child: (omits consequence in independent retell) ✗</p> <p>Examiner Provides Level 1 Prompt: "What happened after he tried to scrape off the mustard?"</p> <p>Child: "I can't remember." ✗</p> <p>Examiner Provides Level 2 Prompt: "After he took a bite, it still tasted like disgusting mustard. You say that."</p> <p>Child: "He took a bite. It still tasted gross."</p> <p>Examiner Provides Overcorrection procedure: "Good job! Now go back to the attempt (point to attempt icon) and remember to tell me the consequence."</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

39

---

---

---

---

---

---

---

---

Special notes for scoring/prompting Feelings. Award 1 point for any feeling a child independently includes in their list without prompting. If the child does not include the specific word in the story (straight, disappointed, or satisfied), immediately prompt the student to include the word by modeling the tier-2 feeling word and requiring the child to produce it.

Example of how to prompt Feelings for Teaching Phase Step 1 and Step 2

**Distraught**  
 Child: "He was sad."  
 Examiner: "That's right - he was sad. The story used a big word, 'distraught'. You say 'distraught'."  
 Child: "Distraught."  
 Examiner: "Great! Keep going."

**Disappointed**  
 Child: "He was mad."  
 Examiner: "That's right - he was mad. The story used a big word, 'disappointed'. You say 'disappointed'."  
 Child: "Disappointed."  
 Examiner: "Great! Keep going."

**Satisfied**  
 Child: "He was happy."  
 Examiner: "That's right - he was happy. The story used a big word, 'satisfied'. You say 'satisfied'."  
 Child: "Satisfied."  
 Examiner: "Great! Keep going."

40

---

---

---

---

---

---

---

---

---

---

Figure 2.3: Pages 4 and 5 of Record Form showing Teaching Phase Step 1 and Step 2 with examples of scoring and appropriate prompts. Pages from the Record Book.

41

---

---

---

---

---

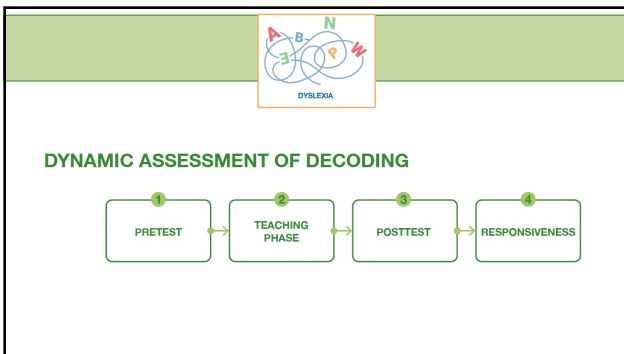
---

---

---

---

---



42

---

---

---

---

---

---

---

---

---

---



43

---

---

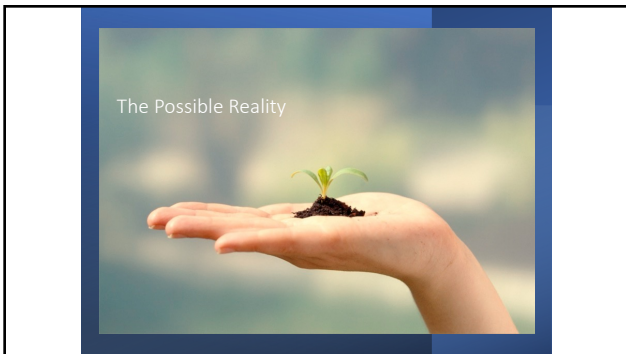
---

---

---

---

---



44

---

---

---

---

---

---

---