



**Overview of
Developmental Indicators for the
Assessment of Learning (DIAL-4)**


Gloria Maccow, Ph.D.
Assessment Training Consultant

ALWAYS LEARNING PEARSON


Objectives

- Provide an overview of the DIAL-4.
- Provide examples of the DIAL-4 components and items.
- Describe uses of DIAL-4 data.

2 | Copyright © 2011. All rights reserved. PEARSON



**Use This Assessment to Determine the
Strengths and Needs of Children
Ages 2:6 Through 5:11.**



ALWAYS LEARNING PEARSON

What is DIAL-4?

Individually administered developmental screening test designed to identify young children in need of further diagnostic assessment

- Appropriate for children ages 2:6 through 5:11
- Administration Time 30 to 45 minutes
- English and Spanish versions

4 | Copyright © 2011. All rights reserved.

PEARSON

DIAL-4: Areas of Focus

Screens in five areas in both the English and Spanish versions

- Motor
 - Concepts
 - Language
- } *Performance-based measures*
- Self-Help Development
 - Social–Emotional Development
- } *Ratings based on teacher/caregiver observation*

5 | Copyright © 2011. All rights reserved.

PEARSON

DIAL-4 Kit



6 | Copyright © 2011. All rights reserved.

PEARSON

DIAL-4: Psychosocial Behaviors

Each performance area provides a rating scale of psychosocial behaviors that must be observed during the screening to help determine if the child needs further assessment in that domain.

Parent Questionnaire



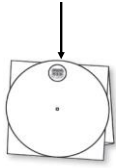
Self-Help Development
Social-Emotional Development
[Overall Development]

Teacher Questionnaire



Optional
Self-Help Development
Social-Emotional Development
[Overall Development]

DIAL-4 Kit English and Spanish



10 | Copyright © 2011. All rights reserved.

PEARSON

Speed DIAL-4

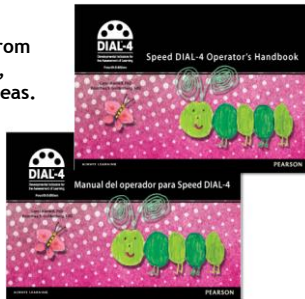
The Speed DIAL-4 contains a subset of items from the DIAL-4 test that can be administered in approximately 20 minutes.

11 | Copyright © 2011. All rights reserved.

PEARSON

Speed DIAL-4

10 Core items from Motor, Concepts, and Language areas.



12 | Copyright © 2011. All rights reserved.

PEARSON

Speed DIAL-4



13 | Copyright © 2011. All rights reserved.

PEARSON



Components and Items



ALWAYS LEARNING

PEARSON

Motor Area



15 | Copyright © 2011. All rights reserved.

PEARSON

Motor Area Items

1. Throwing
2. Stand, Hop, and Skip
Standing on One Leg, Hopping, Skipping
3. Building
Tall Tower, Bridge, Pyramid
4. Thumbs and Fingers
Wiggling Thumbs, Twiddling Thumbs, Touching Fingers to Thumbs
5. Cutting
Straight Line, Curved Line, Dinosaur
6. Copying
7. Writing Name

Behavioral Observations and Intelligibility

16 | Copyright © 2011. All rights reserved.

PEARSON

Concepts Area



17 | Copyright © 2011. All rights reserved.

PEARSON

Concepts Area Items

1. Body Parts
2. Colors
3. Rapid Object Naming
Object Identification, Rapid Naming
4. Rote Counting
Counting Forward, Counting Backward, Number Identification
5. Meaningful Counting
Counting Blocks, Number Relationships
6. Concepts
7. Shapes
Identifying Shapes, Sorting by Shape, Sorting by Color and Size

Behavioral Observations and Intelligibility

18 | Copyright © 2011. All rights reserved.

PEARSON

Language Area



19 | Copyright © 2011. All rights reserved.

PEARSON

Language Area Items

1. Personal Information
2. Articulation
3. Objects and Actions
Objects and Actions (Expressive), Objects and Actions (Receptive)
4. Letters and Sounds
Alphabet Song, Letter Naming, Letter-Sound Correspondence
5. Rhyming (English only) and I Spy
6. Problem Solving

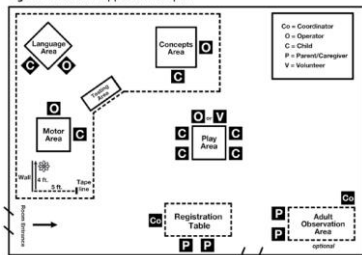
Behavioral Observations and Intelligibility

20 | Copyright © 2011. All rights reserved.

PEARSON

Stations Approach to Testing A Unique Feature of the DIAL-4

Figure 3.2 Stations approach floor plan



21 | Copyright © 2011. All rights reserved.

PEARSON

Speed DIAL-4 Items

1. Stand, Hop, and Skip (Motor - Item 2)
 Standing on One Leg, Hopping, Skipping
2. Body Parts (Concepts - Item 1)
3. Rapid Object Naming (Concepts - Item 3)
 Object Identification, Rapid Naming
4. Colors (Concepts - Item 2)
5. Meaningful Counting (Concepts - Item 5)
 Counting Blocks, Number Relationships
6. Articulation (Language - Item 2)
7. Actions (Language - Item 3)
8. Letters and Sounds (Language - Item 4)
 Alphabet Song, Letter Naming, Letter-Sound Correspondence
9. Problem Solving (Language - Item 6)
10. Copying (Motor - Item 6)

22 | Copyright © 2011. All rights reserved.

PEARSON



What do the Data Mean?



ALWAYS LEARNING

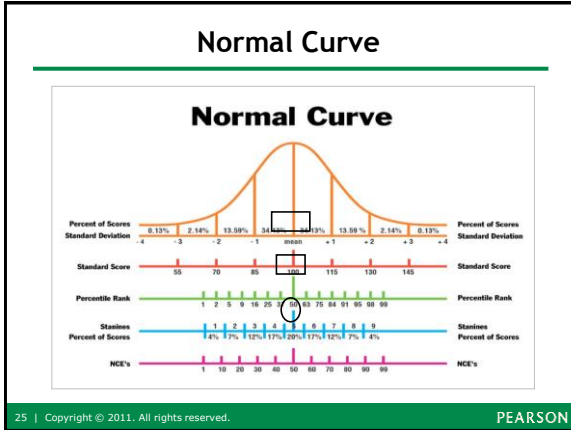
PEARSON

Selecting a Cutoff

Percent (%)	Standard Deviation (SD) below the mean
16	1
10	1.3
7	1.5
5	1.7
2	2

24 | Copyright © 2011. All rights reserved.

PEARSON



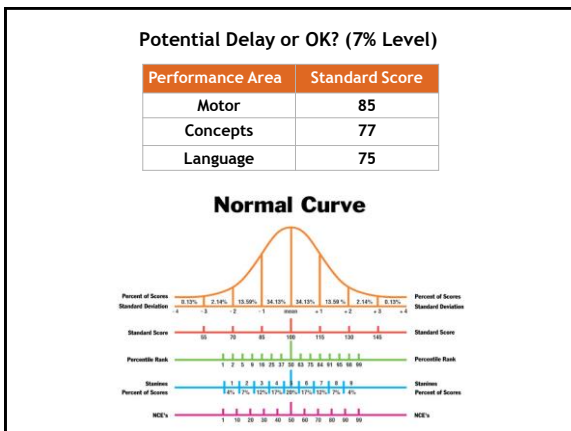
Making a Decision (Potential Delay or OK)

Performance Area	TOTAL SCORE	Level (30%)	Decision		Percentile Rank	Standard Score	Intelligibility
			Potential Delay	OK			
Motor	25	10%		X	82	114	Good / Poor
Concepts	18	10%		X	31	93	Good / Poor
Language	22	15%		X	77	111	Good / Poor
DIAL-4 Total	65	2%		X	66	106	OK / No Response
Behavioral Observations (Mean = 54)	0	7%		X			

Questionnaire	TOTAL SCORE	Level (30%)	Decision		Percentile Rank	Standard Score
			Potential Delay	OK		
Parent Self-Report	38	10%		X	86	116
Teacher Self-Report	50	2%		X	94	123
Parent Self-Report	18	10%		X	61	104
Teacher Self-Report	58	2%		X	57	103

Score 1.5 sd below mean will identify 7%

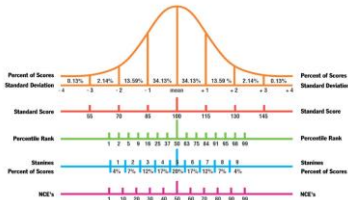
26 | Copyright © 2011. All rights reserved. PEARSON



Potential Delay or OK? (7% Level)

Performance Area	Standard Score
Motor	71
Concepts	68
Language	65

Normal Curve



DIAL-4: Aligned with NEGP, NAEYC, HeadStart

NEGP	NAEYC	HEAD START	DIAL-4
Language Development (including Emergent Literacy)	Language	INDICATORS	ATDC/Assessment
Language Development	Language	<p>Attends to language during conversations, stories, songs, and poems.</p> <p>Comprehends an increasingly complex and varied vocabulary.</p> <p>Comprehends different forms of language, such as questions or exclamations.</p> <p>Comprehends different grammatical structures or rules for using language.</p>	<p>Behavioral Observations Classroom Observation</p> <p>Concept Area Item 1. Body Parts Item 2. Colors Item 3. Rapid Object Naming Item 4. Meaningful Counting Item 6. Concepts Item 7. Shapes</p> <p>Language Area Item 8. Objects and Actions Item 9. Rhyming and I Say</p> <p>Behavioral Observations Classroom Observation</p>

DIAL-4: Benefit

When We Understand the Strengths and Needs of Young Children, We Are Able to Provide the Early Intervention and Support That Will Allow Every Child to Develop Competence.



Overview of DIAL-4
Gloria Maccow, Ph.D., Assessment Training Consultant



Customer Service
1-800-627-7271 (USA)
1-866-335-8418 (Canada)

Webinar-Specific Questions
Gloria Maccow, Ph.D.
gloria.maccow@pearson.com
www.psychcorp.com

ALWAYS LEARNING

PEARSON
