

# BEAS Product Brochure

## Battelle® Developmental Inventory, 3<sup>rd</sup> Edition (BDI-3®)



# The Battelle Early Academic Survey (BEAS)

The *Battelle Early Academic Survey* is a new battery within the BDI-3. Usable as a stand-alone assessment or in conjunction with other BDI-3 material, the *Battelle Early Academic Survey* measures foundational literacy and mathematics skills in children 3 years 6 months to 7 years 11 months.

As a holistic assessment for determining early skill proficiency, the *Battelle Early Academic Survey* is also ideally suited for early childhood progress monitoring as students develop these critical skills.


## The BEAS subdomains include:

### Literacy:

Administration Time 30 min.

Literacy Domain		
Subdomain Area	Administration Age Ranges	Skills Measured
<b>Print Concepts (PC)</b>	3-6 to 7-11	Demonstrate an understanding of basic print concepts while looking at a book
<b>Phonological Awareness (PA)</b>		
Rhyming (RH)	3-6 to 7-11	Identify rhyming and nonrhyming words
Syllables (SY)	3-6 to 7-11	Break words into syllables; blend syllables to create words
Onset Rime (OR)	3-6 to 7-11	Identify initial sounds in words; blend initial sounds with word parts to create whole words
Phoneme Identification (PhID)	3-6 to 7-11	Identify phonemes in initial, medial, and ending positions within words
Phoneme Blending and Segmenting (PBS)	4-0 to 7-11	Blend individual phonemes to create words; break words into individual phonemes
Phoneme Manipulation (PhM)	6-0 to 7-11	Add and remove phonemes in the initial and ending positions in words; substitute phonemes in the initial, medial, and ending position to create new words
<b>Phonics and Word Recognition (PWR)</b>		
Letter Identification (LI)	3-6 to 7-11	Identify uppercase and lowercase letters presented visually
Letter-Sound Correspondence (LSC)	3-6 to 7-11	Produce sounds corresponding to letters presented visually
Early Decoding (ED)	3-6 to 7-11	Match pictures with consonant-vowel-consonant words
Sight Words (SW)	5-0 to 7-11	Read sight words aloud
Nonsense Words (NW)	6-0 to 7-11	Apply phonetic decoding skills to read nonsense words
Long Vowel Patterns (LVP)	6-0 to 7-11	Apply knowledge of long and short vowel patterns to match pictures with words
Inflectional Endings (IE)	6-0 to 7-11	Identify the correct word in a series based on an understanding of inflectional endings
<b>Listening Comprehension (LC)</b>	3-6 to 7-11	Answer questions pertaining to short passages and stories presented orally
 <b>Fluency (FLU)</b>	3-6 to 7-11	Correctly name pictures of familiar objects under a timed condition

Note: Shaded areas are subdomains.

 = Timed Test

## The BEAS subdomains include:

### Mathematics:

Administration Time 10 min.

Mathematics Domain		
Subdomain	Administration Age Ranges	Skills Measured
Numbers, Counting, and Sets (NCS)	3-6 to 7-11	Count with one-to-one correspondence; identify numbers based on a visual prompt; compare values; analyze and complete patterns
Geometry (GE)	3-6 to 7-11	Label shapes; identify shapes; combine shapes to match a visual model
Measurement and Data (MD)	3-6 to 7-11	Apply knowledge of measurable attributes when analyzing pictures; analyze data presented in a simple picture graph; use pictures of clocks to tell time
Operations and Algebraic Thinking (OAT)	5-0 to 7-11	Add and subtract objects with the aid of illustrations; solve simple addition and subtraction equations



# BEAS Scoring and Reporting

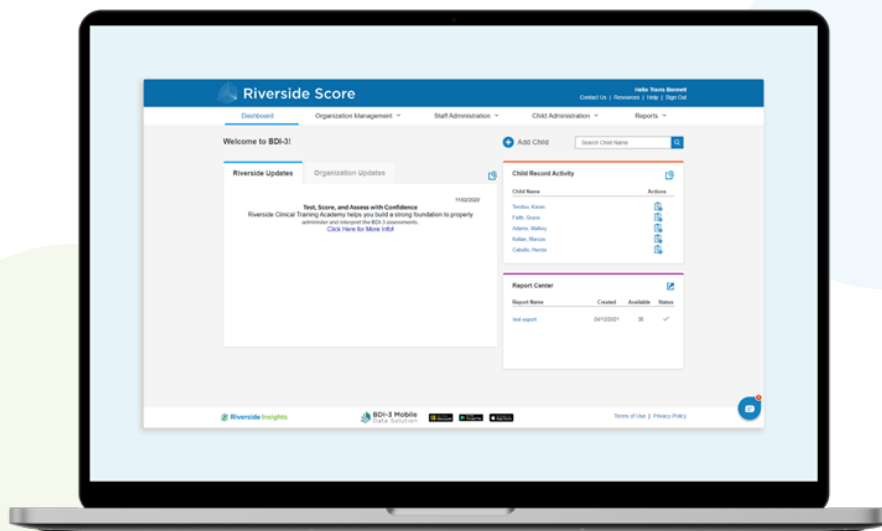
All BEAS scoring is completed through *Riverside Score*: a secure, web-based environment where examiners can easily enter raw scores, assessment data, and test session observations.

## Available Modular Reports:

- Demographic Information
- Examinee Information
- Language/Background Information
- Domains Administered
- Test Session Observations
- Table of Scores
- Domain Descriptors
- Score Descriptors
- Tables/Graphs
- Item Level



## Scoring and Reporting - Dashboard



# BEAS Score Interpretation Guide

Kilburn, Reese
DOB: 06/09/2016
Score Report

**Table of Scores**
● On Track
● Monitor
● Support
● Not Applicable

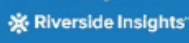
Domain Subdomain	Examiner	Test Date	RS	Scaled Score	Standard Score	Percentile Rank	Performance Level
Literacy					62	12	SUPPORT
Print Concepts	Jacqueline Kilburn	02/15/2021	2	6		9	SUPPORT
Phonological Awareness				11		63	ON TRACK
Rhyming	Jacqueline Kilburn	02/15/2021	3				MONITOR
Syllables	Jacqueline Kilburn	02/15/2021	7				ON TRACK
Onset Rime	Jacqueline Kilburn	02/15/2021	3				ON TRACK
Phoneme Identification	Jacqueline Kilburn	02/15/2021	2				ON TRACK
Phoneme Blending and Segmenting	Jacqueline Kilburn	02/15/2021	2				ON TRACK
Phonics and Word Recognition				7		16	SUPPORT
Letter Identification	Jacqueline Kilburn	02/15/2021	17				MONITOR
Letter-Sound Correspondence	Jacqueline Kilburn	02/15/2021	1				MONITOR
Early Decoding	Jacqueline Kilburn	02/15/2021	0				SUPPORT
Listening Comprehension	Jacqueline Kilburn	02/15/2021	4	9		37	MONITOR
Fluency	Jacqueline Kilburn	02/15/2021	11	6		9	SUPPORT

Kilburn, Reese
DOB: 06/09/2016
Score Report

**Table of Scores**
● On Track
● Monitor
● Support
● Not Applicable

Domain Subdomain	Examiner	Test Date	RS	Scaled Score	Standard Score	Percentile Rank	Performance Level
Mathematics					74	4	SUPPORT
Numbers, Counting, and Sets	Jacqueline Kilburn	02/15/2021	5	7		16	SUPPORT
Geometry	Jacqueline Kilburn	02/15/2021	2	6		9	SUPPORT
Measurement and Data	Jacqueline Kilburn	02/15/2021	2	6		9	SUPPORT

\*Support indicates scores that fall below the 25<sup>th</sup> percentile. Monitor indicates scores falling within the 25<sup>th</sup>-49<sup>th</sup> percentile. On track indicates scores falling at the 50<sup>th</sup> percentile or above.

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## Performance Level Column Explanation



### On Track

This learner is currently on track with their nationally normed age group.

### Monitor

This learner may benefit from additional support in this skill. Lesson plans associated with this skill would be appropriate for further instruction.

### Support

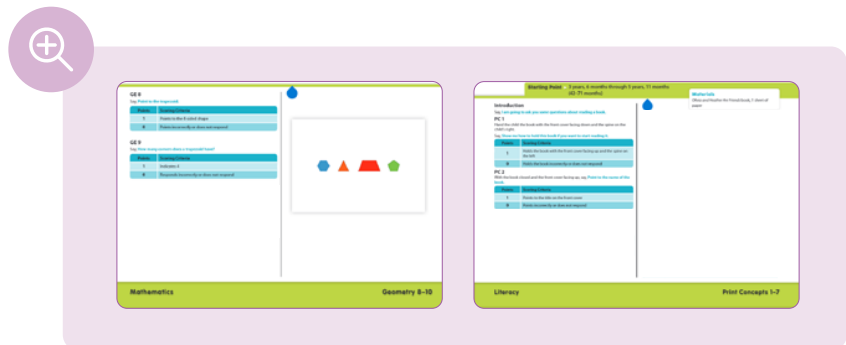
This learner would benefit from additional support in this skill. Lesson plans associated with this skill would be appropriate for further instruction.

# Explore BEAS Lesson Plans for early Literacy and Numeracy

Interventions designed for review and enrichment of key academic milestones



DOMAIN/SUBDOMAIN	ITEM NUMBER	SKILL
<b>BATTELLE EARLY ACADEMIC SURVEY</b>		
<b>LITERACY</b>		
Print Concepts	PC 1-12	Print Concepts
<b>PHONOLOGICAL AWARENESS</b>		
Onset Rime	OR 1-10	Onset Rimes
Phoneme Identification	PhID 1-10	Beginning, Ending, Medial Phonemes
Rhyming Lesson	RH 1-10	Rhyme
Syllables	SY 1-10	Syllables
<b>PHONICS AND WORD RECOGNITION</b>		
Letter Identification	LI 1-52	Letter Identification
Listening Comprehension	LC 1-14	Listening to Recall Story Parts
Fluency	FLU 1-9	Fluency Probe
<b>MATHEMATICS</b>		
Numbers, Counting, and Sets	NCS 1-16	How Many?
Geometry	GE 1-5	Matching Shapes
Geometry	GE 6,7	Making New Shapes
Measurements and Data	MD 1-2	Sorting Shapes by Attributes
Operations and Algebraic Thinking	OA 1-10	Add and Subtract Numbers 0-9



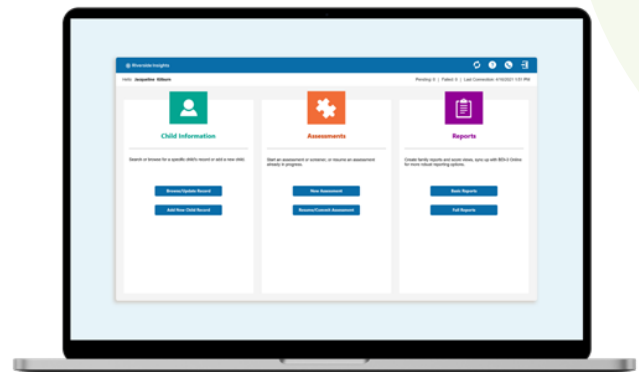
# BEAS Riverside Score Mobile Data Solution

The BDI-3 *Riverside Score* Mobile Data Solution (BDI-3 MDS) allows examiners to administer the BDI-3 on-the-go using a compatible iOS, Android, or Windows device. This administration option supports any combination of the complete developmental assessment, screening test, or *Battelle Early Academic Survey*.

Using the BDI-3 MDS, it only takes a tap to score any item in the administration. Upon completion of a subdomain, the examiner may review standard scores and proficiency indicators within the application. The BDI-3 MDS also supports offline administration, with automatic syncing of results back to the *Riverside Score* system once an internet connection is available.

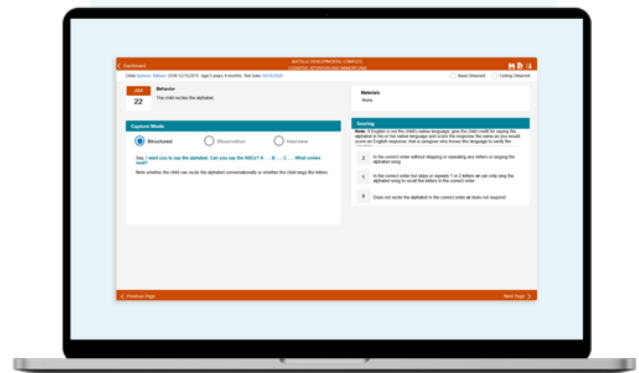
## BEAS MDS - Dashboard

- Available on iOS, Android, and Windows devices
- Included with subscription
- Online and offline functionality
- Combines test easel instructions and test record form in one easy-to-use solution
- Responsive design (landscape and portrait mode supported)



## BEAS MDS - Item Page

- Tally functionality
- Basal and ceiling indicators
- Timing device



Head to [BDI-3.com](http://BDI-3.com) for details on kit configurations and pricing! 