BEAS
Battelle Early Academic Survey

Product Brochure
Battelle® Early Academic Survey (BEAS)

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**
Print Concepts (PC)	3-6 to 7-11	Demonstrate an understanding of basic print concepts while looking at a book
Phonological Awareness (PA)		
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
Phonics and Word Recognition (PWR)		
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
Listening Comprehension (LC)	3-6 to 7-11	Answer questions pertaining to short passages and stories presented orally
🕐 **Fluency (FLU)**	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.

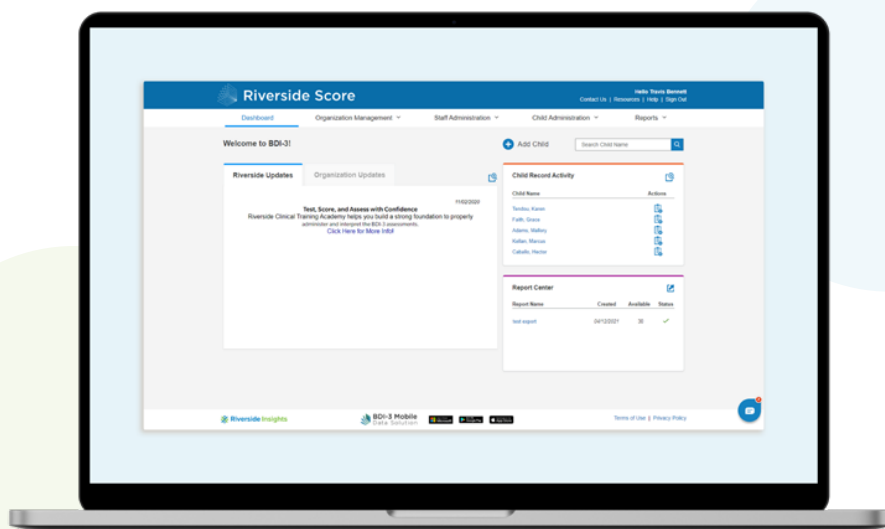| Mathematics Domain		
Subdomain	**Administration Age Ranges**	**Skills Measured**
Numbers, Counting, and Sets (NCS)	3-6 to 7-11	Count with one-to-one correspondence; identify numbers based on a visual prompt; compare values; analyze and complete patterns
Geometry (GE)	3-6 to 7-11	Label shapes; identify 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					82	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 25th percentile. Monitor indicates scores falling within the 25th-49th percentile. On track indicates scores falling at the 50th 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.
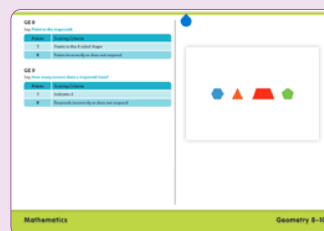
Support
This learner would benefit from additional support in this skill. Lesson plans associated with this skill would be appropriate for further instruction.

Explore BEAS Lesson Plans for early Literacy and Numeracy

Interventions designed for review and enrichment of key academic milestones

DOMAIN/SUBDOMAIN	ITEM NUMBER	SKILL
BATTELLE EARLY ACADEMIC SURVEY		
LITERACY		
Print Concepts	PC 1-12	Print Concepts
PHONOLOGICAL AWARENESS		
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
PHONICS AND WORD RECOGNITION		
Letter Identification	LI 1-52	Letter Identification
Listening Comprehension	LC 1-14	Listening to Recall Story Parts
Fluency	FLU 1-9	Fluency Probe
MATHEMATICS		
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*.
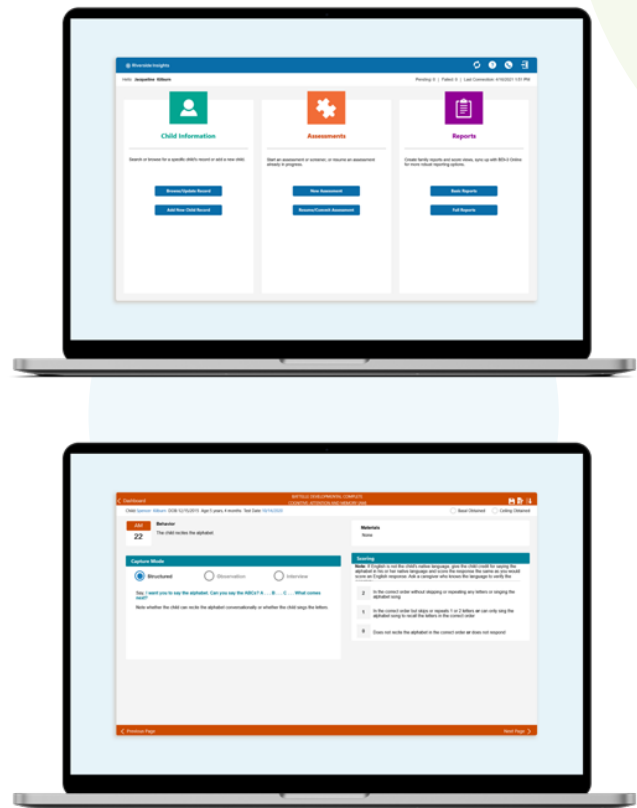
Using the BDI-3 MDS, it only takes a tap to score any item in the administration. Upon completion of a subdomain, the examiner may review standard scores and proficiency indicators within the application. The BDI-3 MDS also supports offline administration, with automatic syncing of results back to the *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 for details on kit configurations and pricing!

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