

# Pre-K/Kindergarten Assessment & Data Use Case Studies

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# Pre-K/K Assessment Purpose

- easyCBM is helpful for tracking academic skill progress over time *as* children are developing cognitive skills and fluency in literacy and numeracy
- A clearer understanding of children's emergent skill levels is needed to capture their **learning receptiveness** for building early fluency

# What's Planned?

- Development of an innovative online assessment of critical classroom behaviors, cognitive processing/learning constraints, and emergent academic levels
- Anticipated Time Involved:
  - 15 min for teacher to complete rating scale (for the entire class)
  - 20 to 30 min for children to complete tablet based assessments

# Teacher Rating Scale

- Approximately 30 items that focus on children’s learning supportive behaviors:
  - Participation
  - Self Control & Cooperation
  - Working Memory & Distractibility

**Teacher:** For each child, 1) Press the child’s name and 2) then one of the rating options below. When you have entered a rating for all children in your class, choose Save and Continue.

No basis for rating      1      2      3      4      5

NBR      Definitely does not describe child well      Does not describe child well      Somewhat describes child      Describes child well      Definitely does describe child well

**Does the child...**

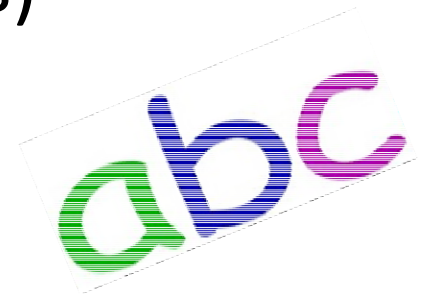
When beginning a new task, need additional teacher support to complete it (e.g., reminders of what to do)?

Jim A	5
John B	2
Mary C	3

Save & Continue

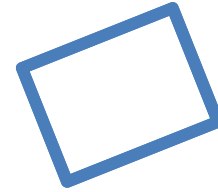
# Untimed Literacy Tasks (4)

- Book & Print Concepts
- Letter Names
- Phoneme Sensitivity (Rhyming, Blending, Segmenting word and word parts)
- Letter Sounds

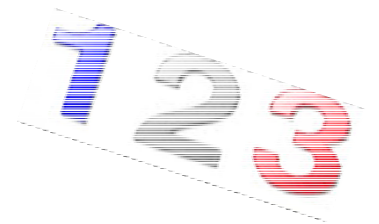


# Untimed Numeracy Tasks (3)

- Shape & Pattern Recognition



- Number Identification, Sequencing, & Counting



- Quantity & Size Discrimination or Addition & Subtraction (with pictures & numbers)

# Working Memory



# Case Studies Purpose

- Bring voice to how real schools are using student data for decision-making, to culminate in an electronic book
- Looking for chapter contributors who are easyCBM users



# Case Studies General Format

- Brief introduction
- Demographics (school, teacher, student) and brief description of instruction delivered behind the data presented
- Brief description of easyCBM features used and procedures (interpretation, who was involved, etc.)
- Results (including graphed data)

# Example Research Questions

## Administrator

- How does the risk analysis inform grade-level practice in literacy and math?
- What's the progress being made to improve student learning school- and district-wide? To what do you attribute this progress?
- How are easyCBM score reports used for goal setting and team meetings?

## Teacher

- What's the effect of *\*instructional approach\** on passage reading fluency?
- How are fall benchmark scores used to group students? How do you consider performance on the different subtests?
- What does growth in beginning reading skills look like for different struggling readers?
- Describe the process used to decide how to monitor progress. What do you consider when deciding to maintain, change, or discontinue intervention?

# Two New Projects Ahead !

- **Pre-K/K Assessment Development-** We'll be looking for classrooms to pilot items
- **Case Studies-** We'll be looking for professionals interested in sharing their stories of data use

# Interested?

- Contact Leilani Sáez @ BRT

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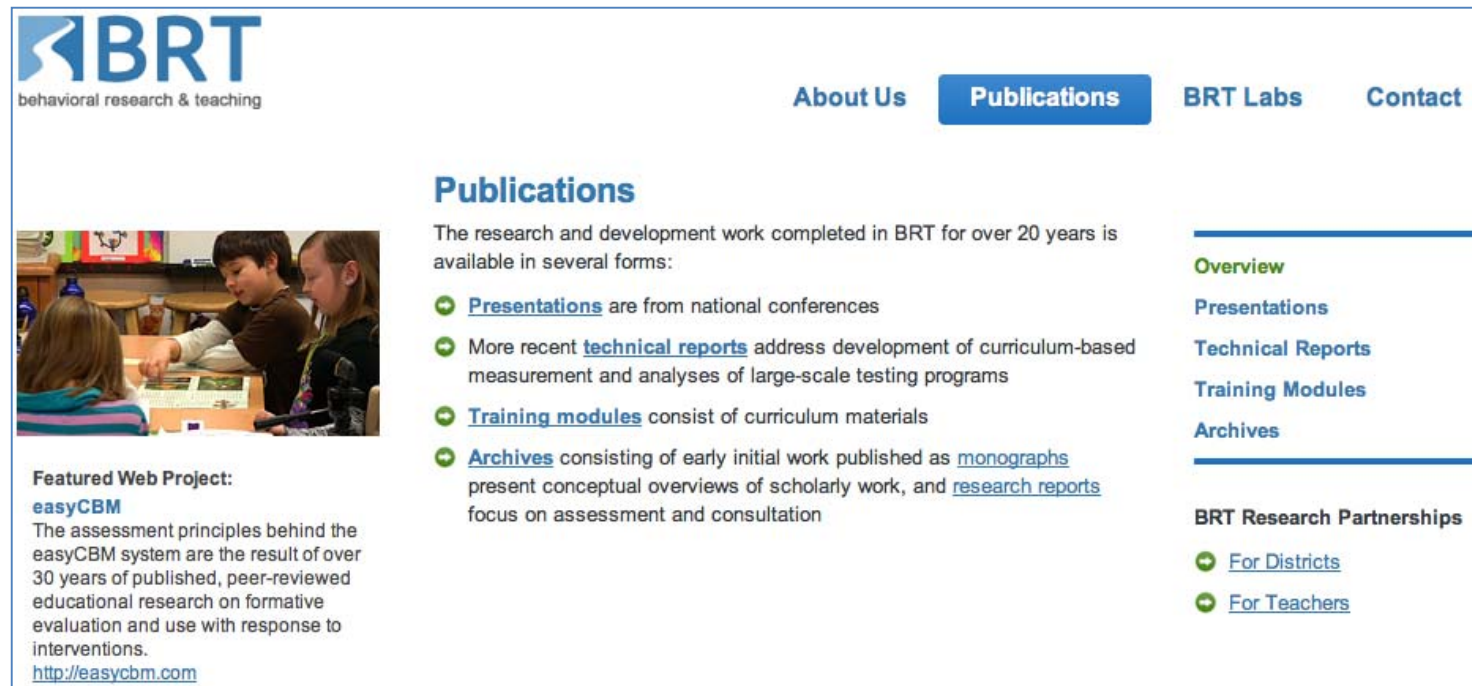
For case studies, please provide the following:

List of contributors (in order of contribution),  
Research question, Location (city/state),  
Grade(s) and easyCBM features involved

# For More Information

<http://www.brtprojects.org>

<http://easyCBM.com>



The screenshot shows the BRT website's Publications page. The header includes the BRT logo (behavioral research & teaching) and navigation links for About Us, Publications (highlighted), BRT Labs, and Contact. The main content area features a 'Publications' section with a list of resources: Presentations, Technical Reports, Training Modules, and Archives. A 'Featured Web Project' section highlights 'easyCBM' with a description of its 30-year history and a link to its website. A sidebar on the right lists 'BRT Research Partnerships' for Districts and Teachers.

**BRT**  
behavioral research & teaching

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## Publications

The research and development work completed in BRT for over 20 years is available in several forms:

- **Presentations** are from national conferences
- More recent **technical reports** address development of curriculum-based measurement and analyses of large-scale testing programs
- **Training modules** consist of curriculum materials
- **Archives** consisting of early initial work published as **monographs** present conceptual overviews of scholarly work, and **research reports** focus on assessment and consultation

**Featured Web Project:**  
**easyCBM**  
The assessment principles behind the easyCBM system are the result of over 30 years of published, peer-reviewed educational research on formative evaluation and use with response to interventions.  
<http://easycbm.com>

**BRT Research Partnerships**

- [For Districts](#)
- [For Teachers](#)