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
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