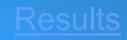
Screeners, Diagnostics, and Progress Monitoring, Oh My!

Cassandra Hatfield, Lindsey Perry, & Mo Zhao Research in Mathematics Education Southern Methodist University



What assessments do you give your students?

Go to menti.com Code: 62 46 61







We love to hate assessment systems... but, we are equally addicted to the data.





"Well, we've seen all the data and crunched all the numbers...now heads or tails?"

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Why do we assess?

To make decisions

When do we assess?

When you need to make a decision

When are decisions made?

- During the teaching and learning process
- After the teaching and learning process



Types of Assessments



Formative Assessment

- Monitors learning
- Informs Instruction
- Provides information about student misconceptions and background knowledge

Summative Assessment

- Evaluates learning
- Informs future planning
- Provides information about student proficiency of concepts

During teaching process

DAILY

After teaching process

WEEKLY/MONTHLY



Formative Assessment

- Who needs additional support?
- Who could be grouped together?
- How would differentiation support the needs of all students?
- Can I speed my instruction up or slow my instruction down?

Summative Assessment

- Are students proficient with a concept?
- Which students are passing?
- How to class performance compare to each other?
- How effective is an instructional program?



Diving Deeper into Formative Assessments

Formal

- Universal Screeners
- Diagnostic Assessments
- Progress Monitoring Tools

Informal

- Exit Tickets
- Student Interviews
- Running Record Checklists



Diving Deeper into Formative Assessments: Formal

Universal Screener

Diagnostic Assessment Progress Monitoring

Who is struggling?

Why are they struggling?

Is the student progressing?

What level of intensity of support does the student need?

How deep are the gaps in the students understanding?

How is the student responding to the intervention?

During Teaching process

Formative

DAILY

Formal

Informal

Universal Screener

Exit Tickets

Diagnostic Assessments Running Records

Progress Monitoring Student Interviews

Summative

State Standardized Tests

> Semester Exams

Unit Assessments After teaching process

WEEKLY/MONTHLY

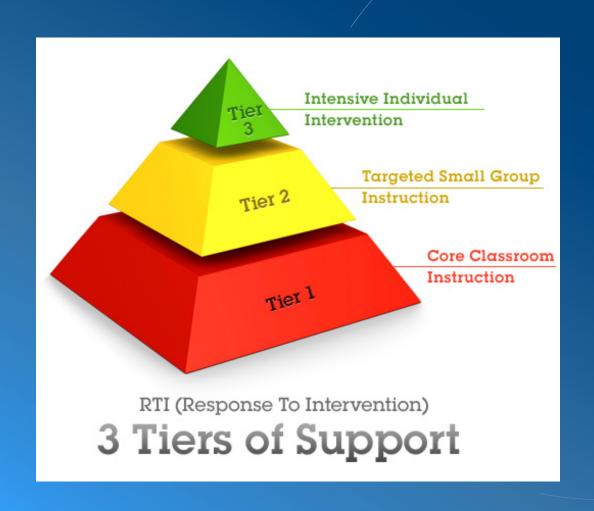


How do we do all of this?

Decision Making Cycle



Formative: Formal Universal Screener





Formative: Formal Diagnostic Assessment

Gather information about the students' understanding

Exit Tickets
Student Interviews
Running Records

Summative



Gather information about the students' understanding

Analyze the information and determine a plan for implementation



Gather information about the students' understanding

Implement the support plan

Analyze the information and determine a plan for implementation



Evaluate the outcomes based on the implementation

Formative Progress Monitoring

Gather information about the students' understanding

Implement the support plan

Analyze the information and determine a plan for implementation





Formative Universal Screener

Formative: Formal
Diagnostic Assessment

Evaluate the outcomes based on the implementation

Formative Progress Monitoring

Decision
Making
Cycle

Gather information about the students' understanding

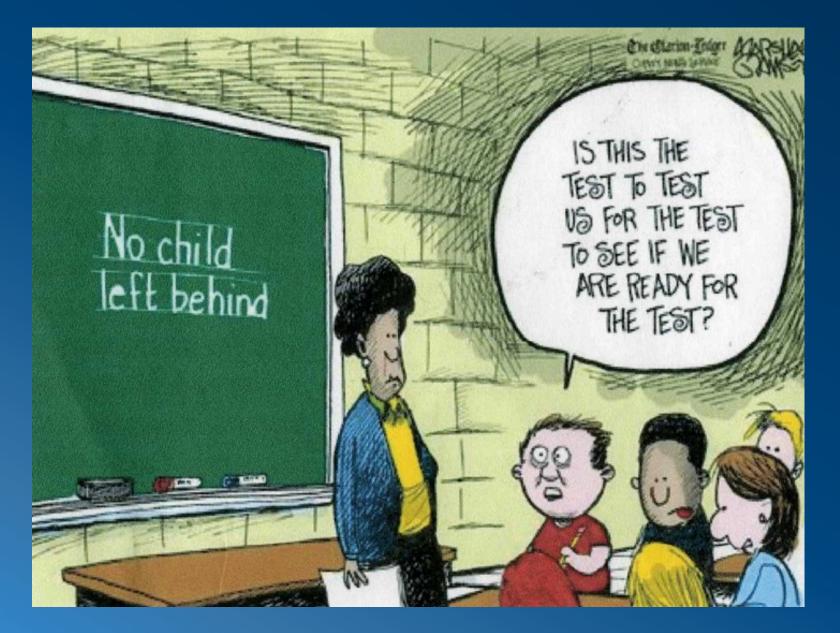
Exit Tickets
Student Interviews
Running Records

Implement the support plan

Analyze the information and determine a plan for implementation

Summative





Tips and Tools



Which assessments should we use?

What reliability evidence exists?



What validity evidence exists?

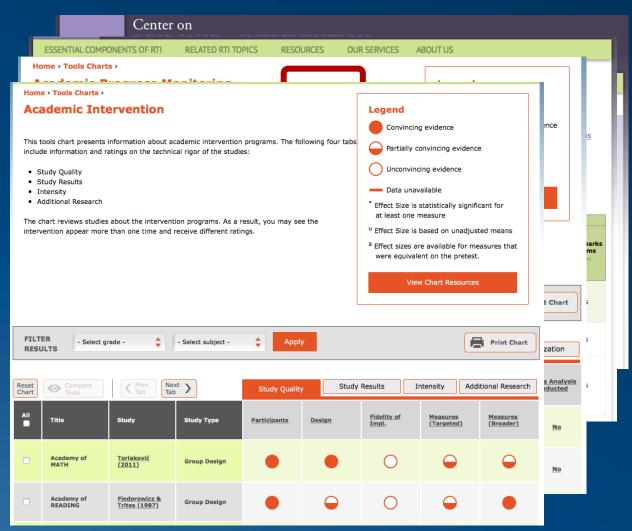
What is the *purpose* of the assessment?



Center on Response to Intervention

Tools Chart

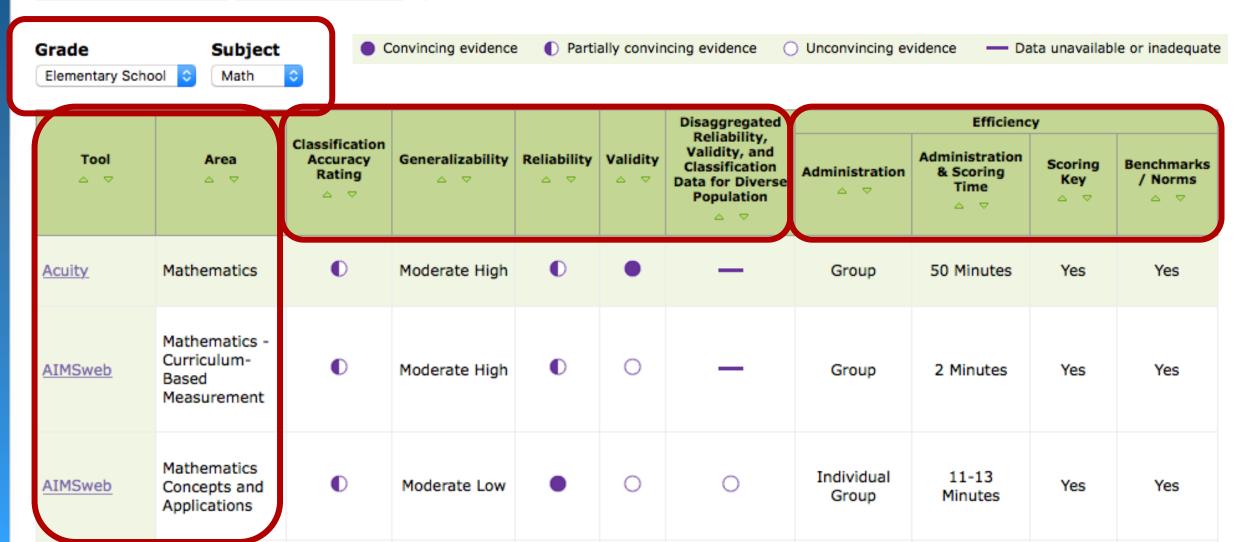
- Webpage: rti4success.org
 - Resources -> Tools Charts
- 3 Tools Charts
 - Screening Tools Chart
 - Progress Monitoring Tools Chart
 - Academic Intervention Tools Chart
- Rigorous evidence is required and is submitted and reviewed by national RTI experts.

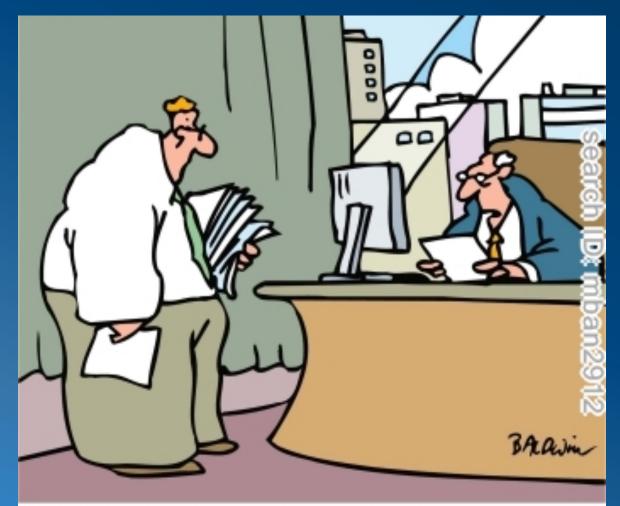




Screening Tools Chart

This tools chart presents information about screening tools from annual reviews of screening tools by the <u>Center's Technical Review Committee (TRC)</u>. The columns include ratings from our TRC members on the technical rigor of the tool and information about the efficiency of implementation. Click for <u>Definitions of the technical standards</u>. <u>Additional information</u> is provided below the chart.



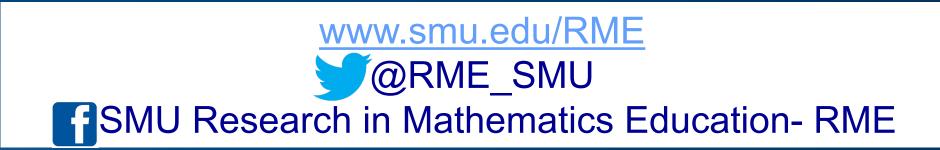


"Let's hold off making a decision until we have even more information we don't really need."

Data Overload?

What decision are you trying to make?





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