

# Selecting Evidence-Based Practices to Improve Student Outcomes, Part 2

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Dr. John D. Barge, State School Superintendent  
"Making Education Work for All Georgians"  
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# Learning Targets

I can describe a process for determining the type of evidence-based practices/interventions necessary to improve outcomes for targeted students.

I can access and utilize at least two electronic resources to aid in the selection of appropriate evidence-based practices/interventions.



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**Hugo** has a history of poor performance in English, social studies, science, and mathematics.



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**CAN'T**



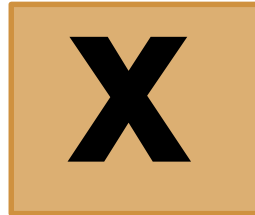
**WON'T**



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# Three Stages of Learning

Learning Stages
Acquisition of skills
Building of fluency
Application of skills



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# Three Stages of Learning

Learning Stages	. . . in Reading
Acquisition of skills	Decoding
Building of fluency	Fluency
Application of skills	Comprehension



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# Formal vs. Informal Screening



phillipmartin.info



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Screening Tools Chart

Subject:  Grade:

Tools ⬆ ⬇	Area ⬆ ⬇	Classification Accuracy ⬆ ⬇	Generalizability ⬆ ⬇	Reliability ⬆ ⬇	Validity ⬆ ⬇	Disaggregated Reliability, Validity, and Classification Data for Diverse Populations ⬆ ⬇	Efficiency				COMPARE RESET
							Administration ⬆ ⬇	Administration & Scoring Time ⬆ ⬇	Scoring Key ⬆ ⬇	Benchmarks / Norms ⬆ ⬇	
A+ LearningLinks Progress in Math	Math	⦿	Moderate Low	⦿	⦿	—	Group	35 - 40 Minutes	Computer Scored	Yes	<input type="checkbox"/>
Acuity	<sup>2</sup> English Language Arts	⦿	Moderate High	⦿	●	—	Group	50 Minutes	Yes	Yes	<input type="checkbox"/>
Acuity	<sup>2</sup> Mathematics	⦿	Moderate High	⦿	●	—	Group	50 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	Math - CBM	⦿	Moderate High	⦿	○	—	Group	2 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>2</sup> Mathematics Concepts and Applications	⦿	Moderate Low	●	○	○	Individual Group	11-13 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>3</sup> Reading Curriculum-Based Measurement	⦿	Moderate High	●	⦿	⦿	Individual	1-5 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>2</sup> Test of Early Literacy - Letter Naming Fluency	●	Moderate Low	●	⦿	—	Individual	2 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>3</sup> Test of Early Numeracy - Missing Number	○	Broad	●	●	—	Individual	2 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>3</sup> Test of Early Numeracy - Number Identification	○	Broad	●	○	—	Individual	2 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>3</sup> Test of Early Numeracy - Oral Counting	○	Moderate Low	○	○	—	Individual	2 Minutes	Yes	Yes	<input type="checkbox"/>
AIMSweb	<sup>3</sup> Test of Early Numeracy - Quantity Discrimination	○	Broad	●	●	—	Individual	2 Minutes	Yes	Yes	<input type="checkbox"/>



# Three Stages of Learning

Learning Stages
Acquisition of skills
Building of fluency
Application of skills



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# Three Stages of Learning

Learning Stages	. . . in Mathematics
Acquisition of skills	Math Facts/Skills
Building of fluency	Fluency
Application of skills	Problem Solving



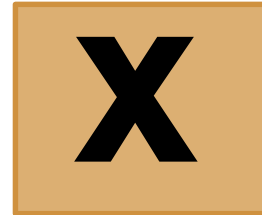
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