



Screening Tools Chart

As of November 2011

This tools chart reflects the results of the fourth annual review of screening tools by the Center's Technical Review Committee (TRC).

The Center defines screening as follows: Screening involves brief assessments that are valid, reliable, and evidence-based. They are conducted with all students or targeted groups of students to identify students who are at risk of academic failure and, therefore, likely to need additional or alternative forms of instruction to supplement the conventional general education approach.

Chart Features

- Across the top of the chart are the standards by which the TRC reviews each tool. When viewing the online version of the chart, click on each standard for a detailed description of how the rating was defined.
- The vendors/developers of the tools have provided implementation information that includes the cost of the tool, what is needed to implement it, the support provided, how the tool is intended to be used, and with whom it should be used. To access this information, when viewing the online version of the chart, click on the name of the tool in the "Area" column.
- To view the specific data submitted for Classification Accuracy, Generalizability, Reliability, Validity, and Disaggregated Data for Diverse Populations, when viewing the online version of the chart, click the ratings in the chart.
- When viewing the online version of the chart,
 - Every column of the chart can be sorted by clicking the arrows at the top of the column.
 - The tools in the chart can be filtered by subject and by grade using the filter tool at the top of the chart. To see all tools again, hit "Reset."
 - Tools can be compared by clicking the boxes on the far right of the chart. Pick as many tools as you wish to compare and hit the "Compare" button. To see all tools again, hit "Reset."

The National Center on RTI publishes this chart to assist educators and families in becoming informed consumers who can select screening tools that best meet their individual needs.

The Center's Technical Review Committee (TRC) on Screening independently established a set of criteria for evaluating the scientific rigor of screening tools. The TRC rated each submitted tool against these criteria but did not compare it to other tools on the chart. The presence of a particular tool on the chart does not constitute endorsement and should not be viewed as a recommendation from either the TRC on Screening or the National Center on RTI. Please note that all submissions to the TRC review process were voluntary.











































Screening Tools Chart

Tools	Area	Classification Accuracy	Generalizability	Reliability	Validity	Disaggregated Reliability, Validity, and Classification Data for Diverse Populations	Efficiency			
							Administration	Administration & Scoring Time	Scoring Key	Benchmarks/ Norms
A+ LearningLink: Progress in Math	Math		Moderate Low				Group	35-40 Minutes	Computer Scored	Yes
Acuity	*Mathematics		Moderate Low				Group	50 Minutes	Yes	Yes
	*English Language Arts		Moderate Low				Group	50 Minutes	Yes	Yes
AIMSweb	Math-CBM		Moderate High				Group	2 Minutes	Yes	Yes
	ⁱ Reading Curriculum-Based Measurement		Moderate High				Individual	1-5 Minutes	Yes	Yes
	*Test of Early Literacy-Letter Naming Fluency		Moderate Low				Individual	2 Minutes	Yes	Yes
	ⁱ Test of Early Numeracy-Missing Number		Broad				Individual	2 Minutes	Yes	Yes
	ⁱ Test of Early Numeracy-Number Identification		Broad				Individual	2 Minutes	Yes	Yes
	ⁱ Test of Early Numeracy-Oral Counting		Moderate Low				Individual	2 Minutes	Yes	Yes
	ⁱ Test of Early Numeracy-Quantity Discrimination		Broad				Individual	2 Minutes	Yes	Yes
	*Mathematics Concepts and Applications		Moderate Low				Individual Group	11-13 Minutes	Yes	Yes
Legend	Convincing evidence Partially convincing evidence Unconvincing evidence Data unavailable or inadequate * Added in the 2011 review ⁱ Information updated during the 2011 review									

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Screening Tools Chart Continued

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Classworks Universal Screener	*Math		Moderate High				Group	30 Minutes	Computer Scored	Yes
	*Reading		Moderate High				Group	30 Minutes	Computer Scored	Yes
Computer-Based Assessment System for Reading (C-BAS-R)	*Reading		Moderate Low				Individual Group	6-20 Minutes	Computer Scored	Yes
Discovery Education Predictive Assessment	Math		Moderate High				Group	40 Minutes	Yes	Yes
	Reading		Moderate High				Group	40 Minutes	Yes	Yes
Dynamic Indicators of Basic Early Literacy Skills (DIBELS)	Letter Naming Fluency		Moderate Low				Individual	2 Minutes	Yes	Yes
	Nonsense Word Fluency		Moderate Low				Individual	2 Minutes	Yes	Yes
	Oral Reading Fluency		Moderate High				Individual	2 Minutes	Yes	Yes
	Phoneme Segmentation Fluency		Moderate Low				Individual	2 Minutes	Yes	Yes
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easyCBM	*Mathematics	●	Moderate High	◐	●	●	Individual Group	30 Minutes	Computer Scored	Yes
	*Multiple Choice Reading Comprehension	●	Moderate High	○	○	◐	Individual Group	25-40 Minutes	Computer Scored	Yes
	*Passage Reading Fluency	●	Moderate High	—	○	◐	Individual	3-4 Minutes	Yes	Yes
	*Vocabulary	●	Moderate High	—	◐	◐	Group	15 Minutes	Computer Scored	Yes
Edcheckup Standard Reading Passages	*Maze	◐	Moderate High	●	○	●	Group	20 Minutes	Yes	Yes
	*Oral Reading Fluency	●	Moderate High	●	●	●	Individual	15 Minutes	Yes	Yes
Gates-MacGinitie Reading Tests (GMRT)	Reading	●	Moderate Low	●	○	—	Group	55 Minutes	Yes	Yes
Group Assessment and Diagnostic Evaluation	*Group Math Assessment and Diagnostic Evaluation (GMADE)	◐	Moderate Low	●	◐	—	Individual Group	46-95 Minutes	Yes	Yes
	*Group Reading Assessment and Diagnostic Evaluation (GRADE)	◐	Moderate Low	●	◐	—	Individual Group	46-95 Minutes	Yes	Yes

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Iowa Tests of Basic Skills (ITBS)	Math	●	Moderate High	◐	●	—	Group	60 Minutes	Yes	Yes
	Reading	●	Moderate High	◐	●	—	Group	55 Minutes	Yes	Yes
Instructional Indicators of Progress (ISIP)	Reading	◐	Moderate Low	●	●	◐	Individual Group	13-21 Minutes	Yes	Yes
mCLASS	ⁱ 3D-Text Reading & Comprehension	◐	Moderate High	◐	◐	●	Individual	5-8 Minutes	Yes	Yes
	ⁱ Math	○	Moderate High	●	○	○	Individual Group	1-12 Minutes	Yes	Yes
	ⁱ Vocabulary Assessment	○	Moderate Low	◐	○	○	Individual	1-4 Minutes	Yes	Yes
Measures of Academic Progress (MAP)	* Mathematics	●	Moderate High	◐	◐	◐	Individual Group	40 Minutes	Computer Scored	Yes
	* Reading	●	Moderate High	◐	◐	◐	Individual Group	40 Minutes	Computer Scored	Yes
Measures of Academic Progress (MAP) for Primary Grades	* Mathematics	●	Moderate High	◐	◐	◐	Individual Group	40 Minutes	Computer Scored	Yes
	* Reading	●	Moderate High	◐	◐	◐	Individual Group	40 Minutes	Computer Scored	Yes

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Observation Survey of Early Literacy Achievement	*Reading	●	Broad	●	●	●	Individual	15-45 Minutes	Yes	Yes
PALS	Early Literacy (Kindergarten)	●	Moderate High	●	◐	●	Individual Group	23-43 Minutes	Yes	Yes
	Reading (Gr. 1-3)	●	Moderate High	●	●	◐	Individual Group	23-43 Minutes	Yes	Yes
Predictive Assessment of Reading	Reading	●	Broad	●	●	●	Individual	16 Minutes	No	Yes
Scholastic	Phonics Inventory-Screener Version	◐	Moderate High	●	◐	—	Individual Group	10 Minutes	Computer Scored	No
STAR	Early Literacy	◐	Broad	●	◐	●	Individual Group	10 Minutes	Computer Scored	Yes
	ⁱ Math	●	Broad	●	●	●	Individual Group	10 Minutes	Computer Scored	Yes
	ⁱ Reading	●	Broad	●	●	●	Individual Group	10 Minutes	Computer Scored	Yes
STEEP	Oral Reading Fluency	●	Moderate High	●	◐	—	Individual	1 Minutes	Yes	Yes
TPRI Early Reading Assessment	*Reading	●	Moderate Low	◐	○	◐	Individual	2-6 Minutes	Yes	Yes

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