

Kentucky Center for Mathematics
ASSESSMENT LIST
Updated November 26, 2007

Disclaimer:

These assessments are listed here for informational purposes for review by schools developing a plan to identify struggling mathematics students and/or to diagnose the learning deficits of those students. Inclusion on this assessment list does not necessarily indicate endorsement by the Kentucky Center for Mathematics.

Assessment Program	Overview	Website	Grade Levels	Scoring	Question Type
Accelerated Math Enterprise	This assessment can be administered to a group or to individuals and gives students individualized feedback on their work.	http://www.relearn.com/mathrenaissance/	1-12	In School (scan tests)	Objective
AIMSweb Mathematics Curriculum-Based Measurement (M-CBM)	An individually administered, norm-referenced test designed to monitor the progress of children in formalized mathematics	http://aimsweb.com/measures/math/	K-1	In School (hand scoring)	Objective
AIMSweb Test of Early Numeracy (TEN)	An individually administered, norm-referenced test that requires the student to demonstrate informal and preformal mathematical skills.	http://aimsweb.com/measures/numeracy/	1-6	In School (hand scoring)	Objective
ALEKS (Assessment and Learning in Knowledge Spaces)	A group-administered, web-based test that measures individual skills and develops an individual program based on student's assessment.	http://www.aleks.com/	3--12	In School (computer)	Objective and Open Response
Booker Profiles in Mathematics Numeration and Computation	An individually administered test that provides a diagnostic analysis of a student's strengths and weaknesses in numeration and computation	http://www.acer.edu.au	Early primary to adult	In School (hand scoring)	Objective
Cengage Learning Nelson Numeracy Assessment Kit	An individual or group administered numeracy assessment with electronic data management.	http://primary.thomsonlearning.com.au/category/513	K-6	In School (hand scoring with electronic data management)	Oral or Written Response
Comprehensive Math Assessment	An individually administered assessment designed to identify which math concepts students have difficulty with and which question types they need to practice.	http://www.optionspublishing.com/597.htm	2-8	In School (hand scored)	Objective and Open Response
EMDA (Harcourt Early Math Diagnostic Assessment)	This individually administered instrument can help screen and identify children at risk for mathematics difficulties.	http://harcourtassessment.com/HAIWEB/Cultures/en-us/default	PreK-3	In School (hand scoring)	Open Response
Explore	A group administered assessment that can be used to identify students' strengths and weaknesses.	http://www.act.org/explore/index.html	8-9	Off-site Scoring	Objective
Fox Adds Up	An individually administered assessment used to assess a child's understanding of mathematics concepts.	http://www2.ctb.com/tp_intervention_activities/fox_adds_up.shtml	K-3	In School (hand scoring)	Individually administered with cards/manipulatives
GMADE (Group Mathematics and Diagnostic Evaluation)	This group or individually administered assessment provides teachers with diagnostic reports that will give an in-depth analysis of a student/classes' math skill strengths and weaknesses.	http://www.agsglobe.com/group.asp?nGroupInfoID=a25010	K-12	In School (hand or software)	Objective
ITBS (Iowa Test of Basic Skills)	A standardized group-administered achievement test used to provide comprehensive assessment of students progress in basic skills.	http://www.education.uiowa.edu/itbs/index.htm	P-8	In School or Off-site Scoring	Objective
KeyMath-3	An individually administered, norm referenced diagnostic assessment in three areas: basic concepts, operations, and applications	http://ags.pearsonassessments.com/Group.asp?nMarketInfoID=31&nCategoryInfoID=2650&nGroupInfoID=aKeyMath3	PreK-12	In School (hand scored with software analysis)	Open Response

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KeyMath-Revised/NU	A Diagnostic Inventory of Essential Mathematics-Normative Update: A measure of understanding and application of important mathematics concepts and skills.	http://ags.pearsonassessments.com/group.asp?nGroupInfID=a26060	K-12	In School (hand or software)	Open Response
Let's Go Learn	This individually administered assessment is designed to seek and pinpoint fundamental sources of difficulties in mathematics.	http://store.sunburst.com/images/Sunburst_LS/ig/ig_l_mai_n.html	K-12	In School (computer)	Objective and Open Response
MAP (Measures of Academic Progress)	This group-administered assessment gives identifying data about students math ability and can be used as a diagnosis of deficiencies.	http://www.nwea.org/assessments/map.asp	2-10	Computer	Objective
Math Recovery	This is an intervention program that includes a screening tool for identifying struggling students and diagnostic interviews that guide instruction.	http://mathrecovery.org/	K-3	In School (hand scored)	Individual Interviews with Manipulatives
mClass	An individually administered interview assessment helps identify students' misconceptions and difficulties in mathematics.	http://www.wirelessgeneration.com/products.php?prod=mClass:Math	K-3	Computer	Open Response
Number Worlds	This is an intervention program that includes a screening tool, called the Number Knowledge Test, for identifying struggling students and placement tests to gauge the instructional needs of students.	http://sranumberworlds.com/	PreK-6	In School (hand scored)	Verbal Response; Objective
Scantron	This computer-adaptive diagnostic test doubles as a placement and gains assessment.	http://www.edperformance.com/	2-12	In School (computer)	Objective
SNAP (Student Numeracy Assessment Progressions)	The whole-class assessment.	http://mathrecovery.org/	K-3	In School (hand scored)	Interview-Skills and Concepts
The Stanford Diagnostic Mathematics Test	A group or individually administered assessment used to measure competence in basic concepts and skills that are prerequisites for success in mathematics while identifying specific areas of difficulty.	http://harcourtassessment.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=015-4891-10X	1-12	In School or Off-site Scoring	Objective and Optional Free Response (Observed)
STAR Math	A group administered assessment used to determine specific areas in which each student if having difficulty.	http://www.relearn.com/starmath/	1-12	Computer	Objective
SuccessMaker Enterprise	A group-administered, computer-based assessment that measures students knowledge of content.	http://www.pearsondigital.com/successmaker/accountability.cfm	PreK-8	Online	Objective
TEMA (Test of Early Mathematics Ability)	An individually administered test, designed as a means for identification of learning difficulties or the likelihood of developing learning difficulties.	http://portal.wpspublish.com/portal/page?_pageid=53.69533&_dad=portal&_schema=PORTAL	Age 3-8	In School (hand scoring)	Open Response
TerraNova/CTBS (California Test of Basic Skills)	A group-administered paper test with selected-response items.	http://www.ctb.com/products/product_summary.jsp?FOLDER%3C%3Efolder_id=1408474395222551&ASSORTMENT%3C%3EEast_id=1408474395213825&CONTENT%3C%3Econt_id=10134198673254771&bmUID=1161543782699	1-12	In School or Off-site Scoring	Objective & Open Response
PAS ThinkLink Predictive Assessment Series	A diagnostic assessment used to identify problem skills. Paper and computer versions available.	http://www.thinklinklearning.com/solutions.php	3-12	In School (hand scoring or computer)	Objective
TOMA (Test of Mathematical Ability)	A paper test used to identify students who are significantly below or above their age peers in their mathematical abilities.	http://ags.pearsonassessments.com/group.asp?nGroupInfID=a9735	3-12	In School (hand scoring)	Oral or Written Response
Vmath	Used to identify students who struggle in mathematics.	http://www.voyagerlearning.com/	3-8	In School (hand scoring)	Objective & Open Response
Woodcock-Johnson III Tests of Achievement	An individually administered assessment that can be used to measure ability and learning difficulties in mathematics.	http://www.riverpub.com/products/wjiiiComplete/index.htm	Age 2-90+	In School (hand scoring or computer)	Interview-Skills and Concepts