



LEA Guide to the Missouri Assessment Program 2016-2017 v1

DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

Table of Contents

Overview 4

 History of the Missouri Assessment Program 4

Current Version and Upcoming Updates 5

Contact Information 6

Technical Specifications 7

 Individual Technical Documents 7

Assessment Costs 8

 Grade-Level Assessments 8

 End-of-Course Assessments 8

 Required Assessments 8

 Optional Assessments 8

 Other Assessments 8

Accommodations 9

 Grade-Level and End-of-Course Tools and Accommodations 9

 ACT 9

 ACCESS for ELLs 2.0 9

Grade-Level Assessments 10

 Grade-Level Content Standards 10

 Grade-Level Blueprints, Item and Timing Guidelines 11

 Reporting and Grade-Level Guide to Interpreting Results 12

 Practice/Training for Grade-Level Assessments 12

 Grade-Level Calendar of Important Dates 12

 Classroom Diagnostic Tools 13

 CDT Calendar of Important Dates 13

End-of-Course Assessments 16

 End-of-Course Content Standards 16

 End-of-Course Blueprints, Item and Timing Guidelines 17

 End-of-Course Reporting and Guide to Interpreting Results 17

 End-of-Course Calendar of Important Dates 18

 End-of-Course Pre-Tests 19

MAP-A 20

MAP-A Eligibility Criteria	20
DLM® Essential Elements for MAP-A	21
MAP-A Blueprints	21
MAP-A DLM® Technical Requirements	21
MAP-A DLM® Manuals	22
MAP-A Calendar of Important Dates	22
ACT	23
ACT Testing Staff	23
ACT Accommodations	23
ACT Online Testing	23
ACT Calendar of Important Dates	23
ACCESS for ELLs 2.0	26
Purpose and Use of ACCESS 2.0	26
Who Takes ACCESS for ELLs	27
Training	27
ACCESS for ELLs Calendar of Important Dates	27
Personal Finance	28
Personal Finance Calendar of Important Dates	28
National Assessment of Educational Progress (NAEP)	29
International Educational Assessments	30
NAEP Calendar of Important Dates.....	30

Overview

The LEA Guide to the Missouri Assessment Program (MAP) is a source for technical information, timelines and resources for administrators, district testing coordinators (DTCs), teachers, and parents of Missouri public school students.

History of the Missouri Assessment Program

The MAP is designed to measure how well students acquire the skills and knowledge described in Missouri's Learning Standards (MLS). The assessments yield information on academic achievement at the student, class, school, district, and state levels. This information is used to diagnose individual student strengths and weaknesses in relation to the instruction of the MLS, and to gauge the overall quality of education throughout Missouri.

The MAP traces its origin to the 1993 Outstanding Schools Act. This act required that Missouri create a statewide assessment system that measured challenging academic standards. From this act, grade-span assessments were created that measured Missouri's Show-Me standards. Originally, MAP was designed to be a grade-span test: Grades 3, 7, and 11 in Communication Arts, Grades 4, 8, and 10 in Mathematics, and Grades 3, 7, and 10 in Science.

In 2001, the federal No Child Left Behind (NCLB) legislation was enacted. In accordance with the NCLB legislation, student performance, reported in terms of proficiency categories, is used to determine the adequate yearly progress of students at the school, district, and state levels. NCLB also required states to develop grade-level tests in both Reading and Mathematics to be administered in Grades 3 through 8 and once in high school. It also required that states have Science assessments to be administered at least once in Grades 3 through 5, once in Grades 6 through 9, and once in Grades 10 through 12 by the 2007–2008 school year. In 2008, grade-span tests were administered in Science in grades 5 and 8 for the first time.

Beginning with the 2008-2009 school year, Missouri administered End-of-Course (EOC) assessments in lieu of High School grade-level assessments. Algebra I, English II and Biology were the first EOCs administered. The following year, Government, American History, English I, Algebra II and Geometry became operational. The move to EOC assessments was also a move to online testing. In the first few years of EOCs, districts had a choice between online and traditional paper/pencil testing. EOCs moved fully online in the fall of 2010.

The 2014-2015 school year was another time of transition for the Missouri Assessment Program. Grade-Level assessments in English language arts and mathematics at grades 3-8 and science in grades 5 and 8 were administered fully online for the first time.

It is the policy of the Missouri Department of Elementary and Secondary Education not to discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs or employment practices as required by Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 and Title II of the Americans with Disabilities Act of 1990. Inquiries related to Department programs and to the location of services, activities, and facilities that are accessible by persons with disabilities may be directed to the Jefferson State Office Building, Office of the General Counsel, Coordinator—Civil Rights Compliance (Title VI/Title IX/504/ADA/Age Act), 6th Floor, 205 Jefferson Street, P.O. Box 480, Jefferson City, MO 65102-0480; telephone number (573) 526-4757 or TTY (800) 735-2966, email civilrights@dese.mo.gov.

Current Version and Upcoming Updates

The LEA Guide to the Missouri Assessment Program is a living document that will be updated as more information becomes available. When each new version is released, communications will be sent to each District Testing Coordinator, and the version change will be noted on the DESE website.

Version	Notes
1	Released 10/25/2016

Contact Information

Assessment	Contact	Information
Main Assessment Line	DESE dese.mo.gov/college-career-readiness/assessment	573-751-3545 assessment@dese.mo.gov
MAP Grade-Level	Data Recognition Corp. (DRC) dese.mo.gov/college-career-readiness/assessment/grade-level	800-544-9868 maphelpdesk@datarecognitioncorp.com
End-of-Course	Questar dese.mo.gov/college-career-readiness/assessment/end-course	800-571-2545 mocustomersupport@questarai.com
MAP-A	Dynamic Learning Maps (DLM) dese.mo.gov/college-career-readiness/assessment/map-a	855-277-9751 dln@ku.edu
ACT	ACT General Questions: dese.mo.gov/college-career-readiness/assessment/act Accommodations: act.org/aap/missouri/act.html	General Questions: 800-533-6244x2800 act.org/aap/state/contact.html Accommodations: 800-533-6244x1788 actstateaccoms@act.org
ACCESS for ELLs 2.0	WIDA Website/Test Administration: WIDA www.wida.us and dese.mo.gov/college-career-readiness/assessment/access-ells Test Materials/Technical Support: Data Recognition Corp. (DRC) www.wida-ams.us	WIDA Website/Test Administration: 866-276-7735 help@wida.us Test Materials/Technical Support: 855-787-9615 wida@datarecognitioncorp.com
Personal Finance	MetaLogic dese.mo.gov/college-career-readiness/assessment/personal-finance	877-654-9888 support@metalogic1.com
DESE Accountability Data	DESE dese.mo.gov/quality-schools/accountability-data	573-526-4886 accountabilitydata@dese.mo.gov
Missouri School Improvement Program (MSIP)	DESE dese.mo.gov/quality-schools/mo-school-improvement-program	573-751-4426 msip@dese.mo.gov

Technical Specifications

Each assessment has its own set of technical specifications. Some assessments, such as the Personal Finance assessment, simply need a web browser. Other assessments need a localized server to be set up prior to testing. Please see the individual technical documents for each assessment for requirements.

Individual Technical Documents

- Grade-Level: Can be accessed on eDirect (<https://mo.drctdirect.com>) > General Information > Documents
 - The Grade-Level assessments require the use of headphones.
- EOC: Can be accessed on the Questar Secure Browser (<https://moeoc.questarai.com>) > Help Tab
 - EOC does not run on Android based hardware.
- MAP-A: http://dynamiclearningmaps.org/sites/default/files/technology_specifications_manual_MO.pdf
 - MAP-A assessments require the use of headphones.
 - MAP-A does not run on Linux or Android based hardware.
 - MAP-A does not support Chromebooks with Touch Screen.
 - MAP-A only works with Firefox or Safari.
- ACCESS for ELLs 2.0: <https://www.wida.us/assessment/access20-tech.aspx>
 - ACCESS for ELLs 2.0 assessment requires headphones with a microphone.
- ACT: <http://www.act.org/content/act/en/products-and-services/state-and-district-solutions/act-online-testing.html>
 - ACT does not run on Linux or Android based hardware.
 - ACT does not run iPads.
 - ACT only works with Firefox, IE and Safari.
- Personal Finance: The Personal Finance Assessment can be accessed on any hardware setup including Chromebooks and tablets using the latest version of any of the following web browsers: Firefox, Chrome, Safari, IE.

Note:

- If testing using an iPad - The iPad's native Guided Access feature must be utilized. With Guided Access, local IT personnel lock down the tablet. Guided Access is a free, built-in feature in all iPads. In districts whose inventory includes a large number of iPads, the district's IT personnel will typically employ the freely-provided Apple Configurator utility to configure the devices for testing. Among other things, Apple Configurator can be used to selectively place any number of iPads into Guided Access mode with a single network command.

Assessment Costs

The following information reflects district cost for statewide assessments for the 2016-2017 school year. The pricing for assessments used for accountability purposes reflect no total increase in cost to school districts.

Grade-Level Assessments

Grade	Cost
3	\$1.80
4	\$1.80
5	\$1.80
6	\$1.80
7	\$1.80
8	\$1.80

End-of-Course Assessments

Required Assessments

Assessment	Cost
Algebra I	\$1.80
Biology	\$1.80
English II	\$1.80
Government	Free

Optional Assessments

Assessment	Cost
Algebra II ¹	\$1.88
American History	\$1.88
English I	\$4.03
Geometry	\$1.88
Physical Science	\$1.88

Other Assessments

The Department is pleased to provide the following assessments at no cost to districts:

- The MAP-A English Language Arts, Mathematics and Science Assessments²
- The ACCESS for ELLs 2.0 English Language Proficiency Assessment³
- The Personal Finance Assessment
- The ACT[®] for all 11th grade students⁴

¹ Algebra II is required if the student took Algebra I prior to High School

² Required for accountability

³ Required for accountability

⁴ 11th Grade College and Career readiness measure

Accommodations

Grade-Level and End-of-Course Tools and Accommodations

To help students access the assessments and show what they can do, number of tools and accommodations are provided for statewide content assessments.

Universal Tools

Available to all students taking a Grade-Level or End-of-Course assessment unless noted.

- Some tools need to be marked in eDirect or Questar Secure Browser prior to the assessment. Please read the description to determine if the tool must be marked in eDirect or Questar Secure Browser.
- Some tools are only for use by English Language Learner (ELL) students (ELL students are those marked LEP-RCV or LEP-NRC in Core Data).

Accommodations

For the Grade-Level or End-of-Course Assessment are available only to students with an IEP/504 plan.

- All accommodations need to be marked in eDirect or Questar Secure Browser prior to the assessment.
- Some accommodations are only for use by English Language Learner (ELL) students with an IEP/504 plan.

For students with IEPs, the IEP team should choose all of the tools and accommodations that need to be marked in the system. Those can be found in the following documents.

You can download the list of Grade-Level Tools and Accommodations here:

<http://dese.mo.gov/college-career-readiness/assessment/grade-level>

You can download the list of EOC Tools and Accommodations here:

<http://dese.mo.gov/college-career-readiness/assessment/end-course>

ACT

The ACT® provides a variety of approved accommodations for the paper/pencil administration for students with IEPs and 504 plans. In Missouri, only these ACT®-Allowed accommodations are used so that assessments administered using ACT® will result in college reportable ACT® scores.

In order to receive accommodations on the ACT®, the district must submit a request supported by documentation to ACT®. Each request is reviewed by ACT® and the district is then notified via e-mail with an Accommodations Decision Notification. Only those accommodations approved by ACT® can be provided to the student during the administration of the ACT® at the district.

For more information on submitting ACT® Accommodations, please visit: <http://dese.mo.gov/college-career-readiness/assessment/act>.

ACCESS for ELLs 2.0

WIDA is committed to providing an assessment that best measures rigorous English language proficiency standards that correspond with the college- and career-ready standards reflected in the WIDA English Language Development (ELD) standards. WIDA recognizes that the validity of ACCESS for ELLs 2.0, Kindergarten ACCESS for ELLs and Alternate ACCESS for ELLs results depends upon every eligible ELL participating in the assessment, and that each student, including those with disabilities, must have appropriate access to the assessment.

For more information on ACCESS 2.0 Accessibility and Accommodations, please visit:

<https://www.wida.us/assessment/access%202.0/documents/AccessibilityandAccommodationsSupplement.pdf>.

Grade-Level Assessments

<http://dese.mo.gov/college-career-readiness/assessment/grade-level>

The Grade-Level assessment is a yearly standards-based test that measures specific skills defined for each grade by the state of Missouri. All students in grades 3-8 in Missouri public and charter schools take the Grade-Level assessment. English language arts (ELA) and mathematics are administered in grades 3-8. Science is administered in grades 5 and 8.

A few groups of students may be exempt from certain portions or all of the assessment. Those include:

- Students whose IEP teams have determined that the MAP-Alternate (MAP-A) is the appropriate assessment do not take the Grade-Level assessment.
- English Language Learners (ELL) who have been in the United States 12 cumulative months or fewer at the time of administration may be exempted from taking the English language arts portion. All other content areas must be assessed.
- Foreign exchange students are allowed, but are not required, to take the assessment. This is a district decision.
- Homeschooled students may take part in the assessment at the local district's discretion.
- Private school students are not required to take the Grade-Level assessment.

Once again this year, the Grade-Level assessment will be an online assessment⁵.

DESE's testing vendor, Data Recognition Corporation (DRC), will administer, score, and report all Spring 2017 Grade-Level Assessments. DTCs, DITCs, and other district personnel involved in administering the assessments will manage testing through DRC's eDIRECT interface. Students will take the test using DRC's student interface, INSIGHT.

Grade-Level Content Standards

The [Missouri Learning Standards](#) define the knowledge and skills students need in each grade and content area for success in college, other post-secondary training, and careers. The Missouri Learning Standards give school administrators, teachers, parents, and students a roadmap for learning expectations in each grade and course.

Access the standards here: <http://dese.mo.gov/college-career-readiness/curriculum/missouri-learning-standards>

More information can be found at <http://www.missourilearningstandards.com/about>

⁵ Braille, Large Print and Paper/Pencil forms are available as determined by an IEP.

Grade-Level Blueprints, Item and Timing Guidelines

Much like the blueprint for a building, a test blueprint serves as a guide for test construction. The blueprint indicates the content areas to be addressed by the test and the number of items to be included by content area and for the test as a whole. The blueprints can be found at <http://dese.mo.gov/college-career-readiness/assessment/grade-level>.

Based on the blueprints the number of items on each assessment breaks down as show in the following chart:

Grade/ Sub.	Session	# of Items ⁶	Estimated Time (in minutes)
3 ELA	1	52	45-80
	2		30-50
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
3 Math	1	42	35-50 (This session does not allow the use of calculators.)
	2		35-50 (This session does not allow the use of calculators.)
4 ELA	1	52	45-80
	2		30-50
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
4 Math	1	42	35-50 (This session does not allow the use of calculators.)
	2		35-50 (This session does not allow the use of calculators.)
5 ELA	1	62	45-80
	2		25-45
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
	4		60-90 (This session contains the Writing Prompt.)
5 Math	1	42	35-50 (This session does not allow the use of calculators.)
	2		35-50 (This session does not allow the use of calculators.)
5 Science	1	60	45-55
	2		20-25
	3		45-65 (This session is the Performance Event based on Scientific Inquiry.)
6 ELA	1	52	45-80
	2		30-50
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
6 Math	1	46	35-50 (This session does not allow the use of calculators.)
	2		45-60 (This session does allow the use of calculators.)
7 ELA	1	52	45-80
	2		30-50
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
7 Math	1	46	20-25 (This session does not allow the use of calculators.)
	2		60-80 (This session does allow the use of calculators.)
8 ELA	1	62	45-80
	2		25-45
	3		15-25 (This session assesses the Listening Strand. Headphones are required.)
	4		60-90 (This session contains the Writing Prompt.)
8 Math	1	46	15-20 (This session does not allow the use of calculators.)
	2		65-85 (This session does allow the use of calculators.)
8 Science	1	60	45-55
	2		20-25
	3		45-65 (This session is the Performance Event based on Scientific Inquiry.)

⁶ Number does not include Field Test items

Reporting and Grade-Level Guide to Interpreting Results

The Grade-Level Guide to Interpreting Results provides an overview for interpreting reports generated from the Grade-Level assessment. It is intended to help educators apply data to the needs of individual students and the district as a whole. Additionally, it helps parents/guardians understand the information they see on the individual student report and includes an abbreviated list of achievement-level descriptors. These descriptors give a brief overview of what the student knows based on his/her achievement level.

Student performance is reported in terms of four performance (or achievement) levels that describe a pathway to proficiency. Each achievement level represents standards of performance for each assessed content area; achievement levels describe what students can do in terms of the content and skills on the assessment.

The Guide to Interpreting Results becomes available each spring. Access the Spring 2016 version here: <http://dese.mo.gov/sites/default/files/asmt-gl-gir-spring-2016.pdf>.

Individual Student Reports (ISR) will be available 10 business days after the close of the grade and content testing window.

Practice/Training for Grade-Level Assessments

Districts will have options for training students on interacting with the INSIGHT testing platform and using the tools contained within INSIGHT.

- Online Tools Training (OTT) – OTTs give users the ability to use the tools available in the INSIGHT testing platform on a variety of item types. Using the OTTs will allow users to become comfortable with using the built in system tools prior to the summative assessment. There is no limit to the amount of times a user can access the OTTs.
- Online Tutorials – Online Tutorials give users the ability to watch recorded videos that demonstrate the features of INSIGHT and the tools that will be used for the operational assessments.
- Practice Items (for Science only) – Practice Items give users the ability to see the types of items that will be on the assessment, and for users to become comfortable with answering items within the INSIGHT testing platform. There is no limit to the amount of times a user can access the Practice Items.

Grade-Level Calendar of Important Dates

Dates for Manuals and trainings among others will be added as they become official.

Date	Event	
Due 2/10/17	Spring 2017 First Pre-Code Due Date	
Due 3/3/17	Spring 2017 Second Pre-Code Due Date	
Due 3/17/17	Spring 2017 Third Pre-Code Due Date	
4/3/17 – 5/26/17	Spring 2017 Testing Window	

Classroom Diagnostic Tools

The Classroom Diagnostic Tools (CDT) is a set of online assessments designed to measure specific student strengths, areas of need, skills, and knowledge throughout the school year to help guide instruction and intervention. The CDT is not predictive of student performance on the summative Grade-Level assessment. The online assessments are fully aligned with the Missouri Learning Standards and are available in the following areas:

- Mathematics (3-5)
- Mathematics (6-8)
- Reading (3-5)
- Reading (6-8)

CDT Calendar of Important Dates

Date	Task	Notes
10/17/16	CDT User Guide	Access under All Applications – General Information – Documents and select CDT User Guide from the Document Type dropdown. DTCs and STCs use this guide as a reference to learn more about and prepare for the CDT assessments.
10/17/16	DTC CDT Training Presentation	Access under All Applications – General Information – Documents and select DTC Training from the Document Type dropdown. DTCs use this recorded training to learn about roles and responsibilities for administering and overseeing the CDT assessments.
10/17/16	eDIRECT Training Modules for User Administration	Access under All Applications – General Information – Documents and select eDIRECT Training – User Admin from the Document Type dropdown. DTCs and STCs may view these training modules to learn more about setting up users and assigning permissions in eDIRECT.
10/17/16	eDIRECT User Guide – User Administration	Access under All Applications – General Information – Documents and select eDIRECT User Guides from the Document Type dropdown. DTCs use this guide to assist in setting up users and assigning permissions to eDIRECT.
10/17/16	eDIRECT 2016-2017 CDT/Interim Administration functionality available	DRC assigns DTCs to the CDT 2016–2017 administration, and assigns permissions. DTCs must then copy DITCs, STCs, and Test Examiners from the Summative Spring 2016 administration to the CDT 2016–2017 administration and assign permissions. Any users not already in eDIRECT must be added.

Date	Task	Notes
10/17/16	DRC INSIGHT Technology User Guide	<p>Access under All Applications – General Information – Documents and select INSIGHT Technology User Guide from the Document Type dropdown.</p> <p>DITCs use this guide—separated into five volumes—to assist in installing and configuring INSIGHT software for online testing.</p> <p>NOTE: There are updated versions of the Testing Site Manager (version 9) and the INSIGHT client (version 7). The old TSM must be uninstalled and the new version installed and configured. The INSIGHT client will update as long as automatic updates were enabled during original installation. Both the TSM and INSIGHT client must be updated in order to avoid issues during testing.</p>
10/17/16	DITC Training Presentation	<p>Access under All Applications – General Information – Documents and select DITC Training from the Document Type dropdown.</p> <p>DITCs view this training to learn about changes to the INSIGHT software to prepare for installing and configuring the software for online testing.</p>
10/17/16	Online Tools Training (OTT)	<p>Access under the DRC INSIGHT Online Assessments software icon on the device desktop, or access the public version via the link on the eDIRECT homepage.</p> <p>Students use this training to become familiar with the online testing navigation and functionality. OTTs should be used after students have viewed the Online Testing Tutorial.</p>
10/17/16	CDT Online Testing Tutorial	<p>Access under All Applications – General Information – Test Tutorials, or via a link on the INSIGHT software landing page.</p> <p>Students use this tutorial to become familiar with the INSIGHT functionality. It is also beneficial for DTCs, STCs, TEs, and Teachers to view the tutorial.</p>
11/21/16	eDIRECT Training Modules for Test Setup	<p>Access under All Applications – General Information – Documents and select eDIRECT Training – Test Setup from the Document Type dropdown.</p> <p>DTCs, STCs, and Teachers/Test Examiners may use these training modules to learn how to use the Test Setup System, which is used to manage student and teacher information, create test sessions, update student accommodations, print test tickets, and monitor student testing.</p>

Date	Task	Notes
11/21/16	eDIRECT User Guide – Test Setup	<p>Access under All Applications – General Information – Documents and select eDIRECT User Guides from the Document Type dropdown.</p> <p>DTCs, STCs, and Teachers/Test Examiners use this guide to assist in using the Test Setup System which is used to manage student and teacher information, create test sessions, update student accommodations, print test tickets, and monitor student testing.</p>
11/21/16	eDIRECT Test Setup functionality available	DTCs and STCs will load student and teacher information and set up test sessions using eDIRECT functionality—Student Management, Teacher Management, Test Management, and Student Group Managements. Preparations must be completed prior to testing, or students will not be able to test.
12/19/16	eDIRECT Training Modules for Reports	<p>Access under All Applications – General Information – Documents and select eDIRECT Training – Reports from the Document Type dropdown.</p> <p>DTCs, STCs, and Teachers/Test Examiners may use these training modules to learn how to access reports.</p>
12/19/16	eDIRECT User Guide – Reports	<p>Access under All Applications – General Information – Documents and select eDIRECT User Guides from the Document Type dropdown.</p> <p>DTCs, STCs, and Teachers/Test Examiners use this guide to assist in accessing reports.</p>
12/19/16	eDIRECT Reports functionality available	Access All Applications – Report Delivery – CDT Interactive Maps to view maps and learning progressions.

End-of-Course Assessments

<http://dese.mo.gov/college-career-readiness/assessment/end-course>

The Missouri Assessment Program assesses students' progress toward the Missouri Learning Standards. End-of-Course assessments are taken when a student has received instruction on the Missouri Learning Standards for a course, regardless of grade level.

For the 2016-2017 school year, all EOC assessments are available only online⁷. Students in Missouri, including Missouri Option Program students, are required to take the Algebra I, Biology, English II and Government assessments. Additional EOC assessments are available in Algebra II, Geometry, English I, American History and Physical Science. For students who complete the Algebra I EOC assessment prior to high school, Algebra II is the required high school mathematics assessment for accountability purposes.

A few groups of students may be exempt from certain portions or all of the assessment. Those include:

- Students whose IEP teams have determined that the MAP-Alternate (MAP-A) is the appropriate assessment do not have to take the EOC assessments.
- English Language Learners (ELL) who have been in the United States 12 cumulative months or fewer at the time of administration may be exempted from taking the English II and/or English I assessments.
- Foreign exchange students are allowed, but are not required to take the assessment. This is a district decision.
- Homeschooled students may take part in the assessment at the local district's discretion.
- Private school students are not required to take the End-of-Course assessments.

End-of-Course Content Standards

The [Missouri Learning Standards](#) define the knowledge and skills students need in each grade and content area for success in college, other post-secondary training, and careers. The Missouri Learning Standards give school administrators, teachers, parents, and students a roadmap for learning expectations in each grade and course.

Access the standards here: <http://dese.mo.gov/college-career-readiness/curriculum/missouri-learning-standards>

More information can be found at <http://www.missourilearningstandards.com/about>

⁷ Braille, Large Print and Paper/Pencil forms are available as determined by an IEP.

End-of-Course Blueprints, Item and Timing Guidelines

Much like the blueprint for a building, a test blueprint serves as a guide for test construction. The blueprint indicates the content areas to be addressed by the test and the number of items to be included by content area and for the test as a whole. The blueprints can be found at <http://dese.mo.gov/college-career-readiness/assessment/end-course>.

Based on the blueprints the number of items on each assessment breaks down as show in the following chart. Additionally, with online testing, LEAs will have to keep several key things in mind when setting schedules, including maximizing instructional time and computer lab space/number of computers available.

Content Area	Session	# of Items ⁸	Estimated Time
Algebra I	Session 1	40	90-110 minutes
	Session 2	Performance Event	60-70 minutes
Algebra II	Session 1	40	90-110 minutes
American History	Session 1	40	60-80 minutes
Biology	Session 1	45	55-60 minutes
	Session 2	Performance Event	65-70 minutes
English I	Session 1	35	90-110 minutes
	Session 2	Writing Prompt	90-110 minutes
English II	Session 1	35	90-110 minutes
	Session 2	Writing Prompt	90-110 minutes
Geometry	Session 1	40	90-110 minutes
Government	Session 1	40	60-80 minutes
Physical Science	Session 1	45	60-80 minutes

End-of-Course Reporting and Guide to Interpreting Results

The End-of-Course Guide to Interpreting Results provides an overview for interpreting reports generated from the EOC assessments. It is intended to help educators apply data to the needs of individual students and the district as a whole. Additionally, it helps parents/guardians understand the information they see on the individual student report and includes an abbreviated list of achievement-level descriptors. These descriptors give a brief overview of what the student knows based on his/her achievement level.

Student performance is reported in terms of four performance (or achievement) levels that describe a pathway to proficiency. Each achievement level represents standards of performance for each assessed content area; achievement levels describe what students can do in terms of the content and skills on the assessment.

The Guide to Interpreting Results becomes available each year. Access the Fall 2015/Spring 2016 version here: <http://dese.mo.gov/sites/default/files/asmt-eoc-guide-to-interp-results-2016.pdf>.

Please note: For each EOC assessment, correct responses and points earned result in a raw score, which is then mapped to an appropriate scale score. The mapping of raw scores to scale scores changes each administration, depending on the items used to assess students, and the difficulty and discrimination of the items.

The Raw-to-Scale score conversion chart can be accessed here: <https://dese.mo.gov/sites/default/files/asmt-eoc-raw-to-scale-score-conversion1016.pdf>.

⁸ Number does not include Field Test items

End-of-Course Calendar of Important Dates

Date	Task	Notes
09/16/16	Fall 2016 First Pre-Code DUE	Students in this Pre-Code submission will be available in Questar Secure Browser on 9/26/16 and may begin testing 10/3/16
10/3/16 – 1/20/17	Fall 2015 Test Window	
11/04/16	Fall 2016 Second Pre-Code DUE	Students in this Pre-Code submission will be available in Questar Secure Browser on 11/15/16 and may begin testing 11/22/16
1/27/17	Spring 2017 First Pre-Code DUE	Students in this Pre-Code submission will be available in Questar Secure Browser on 2/13/17 and may begin testing 2/20/17
2/20/17 – 5/26/17	Spring 2017 Test Window	
3/3/17	Spring 2017 Second Pre-Code DUE	Students in this Pre-Code submission will be available in Questar Secure Browser on 3/17/17 and may begin testing 3/20/17
3/31/17	Spring 2017 Third Pre-Code DUE	Students in this Pre-Code submission will be available in Questar Secure Browser on 4/14/17 and may begin testing 4/17/17
6/5/17 – 8/25/17	Summer 2017 Test Window	

End-of-Course Pre-Tests

Pre-tests for each EOC Assessment are now available in Questar Secure Browser for online administration at no cost to school districts. The Pre-test Test Administration Manual (TAM) will walk you through the process of enrolling students in the pre-tests, and accessing the tests for administration. The Manual, a recorded training webinar and other support materials are posted on the iTester administration site under the Help Tab (Pre-Test Support Materials).

There are two ways to register students for the Pre-Tests.

- **For students included in the operational pre-code**

The operational enrollment file is also loaded into the pre-test administration. This means there will be a pre-test scheduled for each student included in the operational enrollment file, and nothing further needs to be done.

- **For students NOT included in the operational pre-code**

In order to enroll additional students in the pre-tests, meaning those excluded from the operational pre-code file, districts either must enter the student manually in the admin or create a pre-test enrollment file. The pre-test enrollment file must contain unique students who have yet to be created either in a previous pre-code file or manually. Only the District Test Coordinator or District IT Coordinator can upload the file. The template can be found on the DESE EOC page - <http://dese.mo.gov/college-career-readiness/assessment/end-course> > Pretests tab.

Once students have received their login information, Test Examiners may follow the specific instructions for administering the assessments as outlined in the 2016-2017 MO EOC Test Administration Manual.

It is not necessary to designate a testing window for pre-tests. They can be administered at any time, and students can take a pre-test multiple times. Selected response items are scored automatically, and students' raw scores are returned to the district the day after the test is submitted. For assessments including a PE or Writing Prompt (Algebra I, English I, English II, and Biology), student responses must be scored locally. Rubrics and scoring materials are posted on the iTester administration site under the Help Tab, and instructions for printing student responses are found in the Pre-test TAM.

PDF forms of the EOC Pre-tests are posted on the iTester administration site under the Help Tab, along with the other Pre-test Support Materials. The English I, English II, Algebra I, Algebra II, Geometry, Biology, Government, and American History Pre-tests are not secure forms and they may be copied for instructional purposes. The Physical Science assessment is a leased assessment and therefore may not be copied for any reason. The PDF form of the pre-test is posted on the iTester administration site under the Help Tab; however, districts should be mindful of the copyright on the test form. It may be downloaded for instructional use, but may not be copied for distribution or posted electronically on any website. The answer key and item alignment for each Pre-test form are located at the back of the form.

MAP-A

<http://dese.mo.gov/college-career-readiness/assessment/map-a>

The Missouri Assessment Program-Alternate Assessment (MAP-A) is administered to students with the most significant cognitive disabilities who meet grade level and eligibility criteria that are determined by the student's Individualized Education Program (IEP) team using DESE-established eligibility criteria. No student may be tested outside of his or her assigned grade level.

If the MAP-A assessment is given to more than 1% of the total tested population (per content area), the district must provide justification for exceeding the 1% participation rule for Special Education Compliance monitoring purposes.

The MAP-A achievement standards are aligned with Missouri's Learning Standards, and students who take the MAP-A Assessment do not participate in Grade-Level, End-of-Course, or the ACT Assessments. MAP-A uses the Dynamic Learning Map (DLM®) instructionally embedded assessment model.

The MAP-A is administered by educators in three content areas:

- English language arts in grades 3-8 and 11
- Mathematics in grades 3-8 and 11
- Science in grades 5, 8, and 11

NOTE: Districts may wish to also administer the MAP-A ELA and Math assessments to students in grade 9, 10, and 12, and the Science assessment in grades 3, 4, 6, 7, 9, 10, and 12 for local assessment use. Please refer to **Form E**.

The **Dynamic Learning Maps**® (DLM®) alternate assessment project offers an innovative way for all students with significant cognitive disabilities to demonstrate their learning throughout the school year via the DLM Alternate Assessment System (see <http://www.dynamiclearningmaps.org>). By integrating assessment with instruction during the year and providing a year-end assessment, the DLM system maps student learning aligned with college and career readiness standards in English language arts, mathematics, and science. The DLM system is accessible by students with significant cognitive disabilities, including those who also have hearing or visual disabilities, and/or neuromuscular, orthopedic, or other motor disabilities. Assessments produced by the DLM consortium are flexible. They allow for the use of common assistive technologies in addition to keyboard and mouse and touch-screen technology.

MAP-A Eligibility Criteria

All students who meet the Eligibility Criteria for the MAP-A should be given the MAP-A. DESE provides several eligibility criteria resources.

Resource	Link
Alternate Assessment Checklist	http://dese.mo.gov/sites/default/files/introtoadvancedplacement-alternateassessmentchecklist02-13-13.pdf
Alternate Assessment Flow Chart	http://dese.mo.gov/sites/default/files/introtoadvancedplacement-altassessmentflowchart02-13-13.pdf
Alternate Assessment Decision-Making Guidance	http://dese.mo.gov/sites/default/files/introtoadvancedplacement-guidancedocument02-13-13.pdf
Alternate Assessment Webinar	http://dese.mo.gov/communications/webinar/alternate-assessment-guidance-iep-teams

DLM® Essential Elements for MAP-A

The MAP-A Essential Elements are specific statements of knowledge and skills that are aligned to the Missouri Learning Standards.

Content	Link
English Language Arts	http://www.dynamiclearningmaps.org/content/educator-resource-page/ELA
Mathematics	http://www.dynamiclearningmaps.org/content/educator-resource-page/Math
Science	http://www.dynamiclearningmaps.org/sites/default/files/documents/Science/Essential Elements for Science.pdf

Content	Link
English Language Arts	http://www.dynamiclearningmaps.org/sites/default/files/documents/ELA EEs/DLM%20Essential%20Elements%20ELA%20%282013%29%20v4.pdf
Mathematics	http://www.dynamiclearningmaps.org/sites/default/files/documents/Math EEs/DLM%20Essential%20Elements%20Math%20%282013%29%20v4.pdf
Science	http://www.dynamiclearningmaps.org/sites/default/files/documents/Science/Essential Elements for Science.pdf

MAP-A Blueprints

Similar to a blueprint for a building, a test blueprint serves as a guide for test construction, content areas covered, and number of possible items to be given to guide educators' instruction on the Essential Elements.

Content	Link
English Language Arts	http://www.dynamiclearningmaps.org/sites/default/files/ela_im_blueprint_1.pdf
Mathematics	http://www.dynamiclearningmaps.org/sites/default/files/math_im_blueprint_1.pdf
Science	http://www.dynamiclearningmaps.org/sites/default/files/DLM%20Science%202014%E2%80%939316%20Phase%20I%20Blueprint.pdf

MAP-A DLM® Technical Requirements

The specific technical requirements for the Dynamic Learning Maps KITE Client assessment system can be found at <http://www.dynamiclearningmaps.org/content/kite>. The browsers and platforms that are needed may be found at <http://www.dynamiclearningmaps.org/requirements>.

MAP-A DLM® Manuals

Manual	Purpose	Note
Accessibility	Provides guidance on selection and use of accessibility features	http://dynamiclearningmaps.org/sites/default/files/documents/Manuals/Accessibility_Manual_2016-17.pdf
Assessment	Supports District Test Coordinators in preparing district	http://dynamiclearningmaps.org/sites/default/files/documents/Manuals/acm_im_201
Data Management	Supports data managers with file uploads of users, enrollment, and rosters	http://dynamiclearningmaps.org/sites/default/files/dm_2016-17_MO.pdf
Educator Portal User	Provides guidance and support for users navigating Educator	http://dynamiclearningmaps.org/sites/default/files/Educator_Portal_User_Guide_MO.pdf
Facilitator Guide to DLM Required Test Administrator Training	Supports facilitators in accessing DLM required test	http://dynamiclearningmaps.org/sites/default/files/documents/Required_Training_Guides/Fgtrt_2016-17.pdf
Guide to DLM Required Test Administrator Training	Helps users access DLM required test administration training	http://dynamiclearningmaps.org/sites/default/files/gtrt_2016-17_0.pdf
Guide to Practice Activities & Released Testlets IM	Allows teachers to see the format of testlets prior to testing students	http://dynamiclearningmaps.org/sites/default/files/documents/Required_Training_Guides/DLM_16-17_Guide_to_Practice_Activities_and_Released_Testlets_IM.pdf
Technology Specifications Manual	Supports technology personnel in preparing schools for the technology needs of the DLM assessment	http://dynamiclearningmaps.org/sites/default/files/technology_specifications_manual_MO.pdf

MAP-A Calendar of Important Dates

Date	Task	Notes
9/21/16 - 2/28/17	Fall/Winter Embedded Window	All districts participate. Teachers choose the Essential Elements from the Blueprints. Instructional Tools Interface is open for use.
4/4/16 – 5/22/16	Spring Assessment Window	All districts participate. Teachers do not choose the Essential Elements or linkage level. Instructional Tools Interface is closed.

ACT

<http://dese.mo.gov/college-career-readiness/assessment/act>

Statewide administration of the ACT® Plus Writing will occur on April 19, 2017, at the same time, and under standardized administration conditions, for all grade 11 students in Missouri taking the paper/pencil version on the test. A makeup date of May 3, 2017, is available for students not able to test on the designated statewide administration date. In addition, an extended window will be provided for students testing with approved accommodations.

The opportunity to take the test online is given to all students and they may test from April 19-May 3.

Districts should plan to administer the ACT® Plus Writing as the first activity of the day on the designated testing dates (both the statewide administration date and the makeup date). Total testing time is 4 to 5 hours.

ACT Testing Staff

To prepare for statewide ACT® Plus Writing administration, each district will need to designate testing staff to organize, oversee, and administer the assessments. At a minimum, districts will identify a Test Supervisor, Back-up Test Supervisor, Room Supervisor (one per testing room), Proctor(s) (required in addition to the Room Supervisor – one for every 25 students in the testing room) and a Test Accommodations Coordinator. Testing staff must be identified by early October.

ACT Accommodations

ACT provides a variety of approved accommodations for students with IEPs and 504 plans. Assessments administered using ACT approved accommodations will result in college reportable ACT® scores. A student's IEP should reflect appropriate ACT-approved accommodations that will allow the student access to test content. Test Accommodations Coordinators will receive training from ACT in fall 2016 to assist them in navigating the accommodations approval process.

ACT Online Testing

The online testing window is April 19-May 3, 2017. Each student must complete the assessment in a single day – however, not all 11th grade students in a building need to take the test on the same day.

- ACT is NOT supported on Linux based machines, iPads or Android based tablets

ACT Calendar of Important Dates

Date	Task
Due March 10, 2017	Complete Accommodations Requests
April 3, 2017 – April 7, 2017	Materials Arrive In Schools
April 19, 2017	Statewide Paper Administration
April 19, 2017 to May 3, 2017	Statewide Online Administration
April 20, 2017	Pickup of ACT Tests
April 24, 2017 to April 28, 2017	Materials Arrive In Schools (Make-Up Date)
May 3, 2017	Statewide Paper Administration (Make-Up Date)
May 4, 2017	Pickup of ACT Materials (Make-Up Date)
May 4, 2017	Pickup of ACT Accommodations and Online Materials

Additional Dates

Date	Task
Beginning November 7, 2016	Accommodations and test administration materials and training videos are posted as they become available.
November 7 – December 16, 2016	Window to manage participation information in Pearson Access.
November 7, 2016 – March 10, 2017	Window for test coordinator to submit requests for ACT-approved accommodations in the Test Accessibility and Accommodations System (TAA).
December 7, 2016	Accommodations Q&A Session - 2:00-3:00 pm CST
November 7, 2016- March 16, 2017	ONLINE TESTING - Test and technical coordinators begin technical site readiness and install ProctorCache software for online testing.
December 19, 2016- March 16, 2017	Window for district/school to submit Student Data Upload update student screen via Pearson Access for initial ACT test materials
January 12, 2017	Test administration Q&A sessions: <ul style="list-style-type: none"> • Session 1 - 10:00 am CST • Session 2 – 4:00 pm CST
January 30 – May 3, 2017	ONLINE TESTING - Window for test coordinator to: Create test sessions and Assign students to test sessions
March 13 – April 14, 2017	Window to upload ACT – Approved Accommodations Late Consideration Form to TAA
March 17 – April 12, 2017	PAPER TESTING - Window to add additional students or update existing student information in Pearson Access for initial test date or online testing
March 17 – April 26, 2017	ONLINE TESTING - Window to add additional students or update existing student information in Pearson Access for initial test date or online testing
March 17, 2017	Deadline for test coordinator to submit reconsideration requests of ACT – approved accommodations in TAA.
April 3- 7, 2017	Test Coordinator received initial shipment(s) containing non-secure and secure standard time and accommodations materials.
April 3 – 18, 2017	Window for schools to: Conduct supervised pretest sessions for all examinees testing paper and Conduct room supervisor and proctor training
April 3 – May 8, 2017	ONLINE TESTING - Window for: Schools to share pretest information with all examinees testing online and Examinees testing online to complete pretest information
April 12, 2017	ONLINE TESTING - Deadline for technical coordinator to perform final system check/app check and lock down system
April 14 – May 3, 2017	ONLINE TESTING - Window for technical coordinator to pre-cache test content before test day.
April 19, 2017	PAPER TESTING - Initial test date
April 19-21, 2017	PAPER TESTING - Window for test coordinator to submit makeup order for standard time ACT materials.
April 19 – May 3, 2017	ACT online testing window/ACT accommodations testing window
April 20, 2017	Test Coordinator returns all initial test date materials via pre-scheduled pickup
April 24 – 26, 2017	Window to add additional students or update existing student information in Pearson Access for the makeup test date.
April 24 – 28, 2017	Test coordinator receives makeup shipment containing standard time materials for paper testing

Date	Task
April 24 – May 2, 2017	PAPER TESTING - Window for schools to conduct pretest sessions for the makeup test date.
April 28, 2017	Deadline for ACT to receive answer documents from schools for the initial test date. Late arriving documents will not be scored.
May 3, 2017	PAPER TESTING - Makeup test date
May 4, 2017	Test coordinator returns all accommodations and online test materials via the pre-scheduled pickup.
May 4, 2017	Test coordinator returns all makeup testing materials via the pre-scheduled pickup.
May 4 – 8, 2017	ONLINE TESTING - Window for technical coordinator to purge test content from ACT online testing.
May 12, 2017	Deadline for ACT to receive answer documents from schools for the accommodations test window. Late arriving documents will not be scored.
May 12, 2017	Deadline for ACT to receive answer documents from schools for the makeup test date. Late arriving documents will not be scored.
Beginning mid-May	Beginning 3-8 weeks following receipt of examinee test responses: Students, schools and colleges begin to receive ACT Student Reports, High School Reports, and Student College Reports

ACCESS for ELLs 2.0

<http://dese.mo.gov/college-career-readiness/assessment/access-ells>

For more complete information about English Language Proficiency assessments, please see the LEA Guide to ELP Assessments 2016-2017 available here: <http://dese.mo.gov/college-career-readiness/assessment/access-ells>

To meet No Child Left Behind (NCLB) Title I and Title III requirements, states are mandated to annually administer a standards-based English language proficiency test to all ELLs in grades K-12. As part of the WIDA consortium, Missouri uses ACCESS for ELLs 2.0. The assessment is a secure large-scale English language proficiency assessment given to K-12 students who have been identified as ELLs.

A mostly online assessment, ACCESS 2.0 allows educators, students, and families to monitor students' progress in acquiring academic English in the domains of speaking, listening, reading, and writing and will be aligned with the WIDA English Language Development (ELD) Standards.

The tasks on the summative assessment will attempt to replicate the kinds of communicative situations (and the language needed to be processed or produced within them) that might be encountered in different school contexts. Each assessment item and task will target at least one of the five WIDA ELD Standards:

- Social and Instructional Language
- Language of Language Arts
- Language of Mathematics
- Language of Science
- Language of Social Studies

ACCESS for ELLs 2.0 will continue to assess each of the four language domains of Listening, Speaking, Reading, and Writing separately.

Purpose and Use of ACCESS 2.0

- Helps students and families understand students' current level of English language proficiency along the developmental continuum.
- Serves as one of multiple measures used to determine whether students are prepared to exit English language support programs.
- Generates information that assists in determining whether ELLs have attained the language proficiency needed to participate meaningfully in content area classrooms without program support.
- Provides teachers with information they can subsequently use to enhance instruction and learning in programs for their English language learners.
- Provides districts with information that will help them evaluate the effectiveness of their ESL/bilingual programs.
- Meets, and exceeds, federal requirements for the monitoring and reporting of ELL's progress toward English language proficiency.

Who Takes ACCESS for ELLs

Students who are K-12 students that are identified for ESL services AND Enrolled in a Missouri public school or charter school are required to take the ACCESS assessment. Students who are in monitored status (MY1, MY2) **do not take the assessment**. If the student transfers into the LEA after the state ACCESS for ELLs testing window has already begun, then the LEA is not required to test the student, but have the option to do so.

The following codes are referenced from the Missouri Student Information System reference manual. Students who are designated in MOSIS as LEP-NRC and LEP-RCV **DO** take the ACCESS for ELLs 2.0 assessment. Students who are designated in MOSIS as the LEP-NLP, LEP-MY1 and LEP-MY2 **DO NOT** take the ACCESS assessment.

Training

Training for the ACCESS for ELLs 2.0 assessment is done completely online via training at wida.us.

WIDA has provided a Training Memo for Districts and Schools outlining the training resources that are and will become available this year. The Training Memo can be found here:

<https://www.wida.us/assessment/access%202.0/documents/ACCESSTrainingMemo.pdf>

This document outlines important information about training on ACCESS for ELLs 2.0 for the 2016–17 school year. The guidance applies to WIDA’s English language proficiency assessment suite encompassing Kindergarten, Grades 1–12 (online and paper versions), and Alternate ACCESS for ELLs, an assessment for English language learners with significant cognitive disabilities.

ACCESS for ELLs Calendar of Important Dates

Date	Task	Notes
10/3/16 – 11/4/16	Precoding (Districts submit pre-code file to state)	http://dese.mo.gov/data-system-management/core-datamosis/timelines#assesspre-code
10/3/16 – 11/10/16	Test Materials Ordering (Ordering done through WIDA AMS)	https://www.wida-ams.com
11/14/16 – 3/3/17	Online Test Setup	https://www.wida-ams.com
12/12/16	Districts Receive Test Material	
12/12/16 – 2/24/16	Additional Test Material Window	https://www.wida-ams.com
1/9/17 – 3/3/17	Test Window	
1/9/17 – 3/15/16	Districts Pack and Ship Completed Test Materials to DRC	
3/17/17	Deadline for Test Materials to be Received at DRC	
4/3/17 – 4/10/17	Data Validation Window	
5/8/17	Districts Receive Printed Reports and Online access to the Reports	

Personal Finance

<http://dese.mo.gov/college-career-readiness/assessment/personal-finance>

As part of their curriculum, students in Missouri must earn a 1/2 credit in the area of Personal Finance. Personal Finance may be counted as ½ credit as a practical arts course, a social studies course or a standalone elective course.

Students who are taking a course in which the Personal Finance competencies are embedded are required to take the Personal Finance assessment. A student may take the Personal Finance assessment *one* time per assessment window. Districts have the flexibility to set their own passing rate for all other students who take the Personal Finance Assessment.

Districts have the option to allow students to “test out” in order to receive the ½ unit of credit in Personal Finance required to graduate. To “test out,” a student must attain a score of 90% or higher on the Personal Finance Assessment. Students who are attempting to “test out” are required to take the assessment. For students who are enrolled in a stand-alone Personal Finance course, the assessment is optional.

The Personal Finance Assessment is provided at no cost to districts.

Test results are available immediately. When a student finishes the test, the score is shown to the student. Test examiners may view results once all students in the class have finished the assessment. Districts may, but are not required to, use the scores from the Personal Finance Assessments as part of the student grade.

It is recommended that the Personal Finance course be completed after the ninth grade because of the specific content and its relevance for persons reaching the age at which they must begin to assume financial responsibilities. However, grade level designations are not included in the rule, so the grade level at which Personal Finance may be taught is ultimately an individual school district’s decision. Although the Graduation Handbook refers to specific grade levels at which the course is to be offered, that document is meant for technical assistance only.

Personal Finance Calendar of Important Dates

Date	Task	Notes
10/3/16 – 1/20/17	Fall Testing Window	A student may take the assessment once per testing window.
2/20/17 – 5/26/17	Spring Testing Window	A student may take the assessment once per testing window.
6/5/17 – 8/25/17	Summer Testing Window	A student may take the assessment once per testing window.

National Assessment of Educational Progress (NAEP)

<http://dese.mo.gov/college-career-readiness/assessment/naep>

The National Assessment of Educational Progress (NAEP) is the largest continuing and nationally representative assessment of what students in the United States know and can do in various subjects. NAEP, mandated by Congress in 1969, provides a common measure of student achievement across the country. The results are released as *The Nation's Report Card*.

Main NAEP assessments/pilots are conducted in a range of subjects with fourth-, eighth-, and twelfth-grade students across the country. Mathematics and reading are assessed every two years, and science and writing are assessed every four years. Other subjects are assessed periodically, including the arts, civics, economics, geography, technology and engineering literacy, and U.S. History.

NAEP is administered during the regular school hours by NAEP representatives. All materials are brought to and taken from the school by NAEP representatives on the assessment day. Students spend between 90 and 120 minutes taking the assessments (the time includes directions, distribution and collection of materials).

Each student is assessed in one subject area only. Accommodations are provided for students with disabilities and/or English language learners. NAEP provides national and state results as well as a few very large school district results.

The National Center of Education Statistics (NCES) uses a systematic sampling procedure to ensure that NAEP participants are representative of the geographical, racial/ethnic, and socio-economic diversity of schools and students in each state and the nation. Every student has the same chance of being chosen—regardless of race/ethnicity, socio-economic status, disability, status as an English language learner, or any other factors.

Sampled schools may be selected for one or more grade levels. The operational assessments will be conducted using tablets, laptops and a paper/pencil format. A small number of schools may also be selected to participate in additional NAEP special studies.

Superintendents and principals of Missouri schools that were selected for the NAEP 2017 administration were notified in August 2016 regarding the grade and content area to be assessed. In September 2016, scheduled assessment dates were sent to the principals of all sampled schools so the NAEP 2016 assessment date could be included on their 2016-2017 school calendars.

International Educational Assessments

The NAEP network also facilitates all International Educational Assessments in the United States. The following International Assessments have been planned for 2017. Nation-wide random sampling for these studies has not been completed. As this work progresses, Superintendents and Principals will be notified if their students are selected to participate in any of these assessments.

eTIMSS

<http://nces.ed.gov/timss>

The Trends in International Mathematics and Science Study (TIMSS) provides reliable and timely data on the mathematics and science achievement of U.S. fourth- and eighth-grade students compared to that of students in other countries and jurisdictions.

ICILS

http://www.iea.nl/icils_2018.html

The International Computer and Information Literacy Study (ICILS) is an international comparative study that uses an innovative, computer-based assessment to evaluate students' computer and information literacy—their ability to use computers to investigate, create, and communicate in order to participate effectively at home, at school, in the workplace, and in the community.

PISA

<http://nces.ed.gov/surveys/pisa>

The Program for International Student Assessment (PISA) is a system of international assessments that measures 15-year-old students' reading, mathematics, and science literacy. PISA also includes measures of general or cross curricular competencies, such as problem solving. PISA emphasizes functional skills that students have acquired as they near the end of compulsory schooling.

NAEP Calendar of Important Dates

Date	Task	Notes
1/30/17 – 3/10/17	NAEP 2016 Assessment Window	All operational and pilot assessments will take place in this window.
4/24/17 – 5/9/17	NAEP Writing Study	
April – May 2017	eTIMSS Pilot	<ul style="list-style-type: none">○ Grades 4 and 8○ Mathematics and Science○ Recruitment – Early Fall 2016
April – May 2017	ICILS Field Test	<ul style="list-style-type: none">○ Grade 8○ Computer Literacy○ Recruitment – Early Fall 2016
April – May 2017	PISA Field Test	<ul style="list-style-type: none">○ Students age 15○ Reading, Mathematical and Science Literacy○ Recruitment – Early Fall 2016