



About the Science Fall 2015 Field Test

The DLM science fall field test is **November 4th through December 2nd, 2015**. Iowa, Kansas, Missouri, Oklahoma, West Virginia and other states that have elected to participate may enroll students in this field test. Some states have chosen to use the entire window while others have selected a smaller window within, so please consult your state-specific documentation for information for your state. Participation requirements also vary by state.

The purposes of this fall field test are to:

- Evaluate new science testlet content
- Use the Science First Contact survey questions to develop a method for determining which linkage level of the first testlet to deliver
- Evaluate the algorithm needed for routing students to subsequent testlets based on student performance

Results for the science fall field test for 2015 will be used for research and development purposes only. No individual student results will be reported to the teacher, district, or state.

The TEST ADMINISTRATION MANUAL, ACCESSIBILITY MANUAL, and supplemental manuals for 2015-16, which are located on your state's DLM webpage, cover the detailed procedures to prepare for and administer tests. This document highlights unique features of the test experience specific to the science fall field test as some of those features may be different from your experiences in previous testing windows for mathematics and English language arts (ELA). Further information about science assessment may be located in an appendix of your state's TEST ADMINISTRATION MANUAL.

Student Participation

- Eligible students must be in grades 3-12, have significant cognitive disabilities and meet the DLM eligibility criteria defined by the state.
 - Students who use sign language to communicate will need to have content signed by a teacher.
 - Switch users may participate (automatic one-switch and two-switch step scanning are available).
 - Students who interact directly with computer-administered testlets will have computer read-aloud and human read-aloud options available. See Science Supplement to the TEST ADMINISTRATION MANUAL for more information on Spoken Audio settings.
 - Following procedures described in the TEST ADMINISTRATION MANUAL, test administrators may assist with navigation and enter responses for students who cannot directly interact with the computer.
- Students are enrolled based on their typical science grade within the appropriate grade band. Grade bands for Science are: Elementary (3rd – 5th), Middle School (6th – 8th) and High School (9th – 12th).

Science Content Assessed

- A list of the Essential Elements for each grade is provided on the science blueprint located on the Science Fall field Test Administration webpage:
<http://www.dynamiclearningmaps.org/content/science-fall-field-test-admin>
- There are three linkage levels for each Essential Element: Initial, Precursor, and Target.
- Each student will receive three testlets within only one Science domain (Life Science, Earth & Space Science, and Physical Science). Assignment to a Science domain is random. The system delivers one test form with the three testlets at the beginning of the consortium field test window.
- The three testlets will assess a different Essential Element and will be at different linkage levels. One of the testlets within the form will be at a linkage level that is too easy or too hard for the student. This design is intentional and will help determine appropriate initialization and routing algorithms.

Preparing for the Tests

Data Stewards, Assessment Coordinators, and Test Administrators¹ should take these additional steps to prepare for the science fall field test. The science field test will use the standard resources available on your state DLM webpage, such as the DATA STEWARD MANUAL, ASSESSMENT COORDINATOR MANUAL, and TEST ADMINISTRATION MANUAL.

Quick Guide to Prepare for Science Fall Field Test

Complete these additional activities to prepare for the science fall field test.

Action	Owner	Due Date	Returning Students*	NEW Students
Create User accounts in EP for new Test Administrators	Data Steward	9/23/15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View DLM Science Alternate Assessment video	Test Administrator	Before administering tests	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Enroll student	Data Steward	9/23/15	N/A	<input checked="" type="checkbox"/>
Add student to science roster	Data Steward	9/23/15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Complete Access (Personal Needs and Preferences (PNP)) Profile	Test Administrator	10/5/15	N/A	<input checked="" type="checkbox"/>
Complete First Contact Survey	Test Administrator	10/5/15	N/A	<input checked="" type="checkbox"/>
Administer Science Practice Activities	Test Administrator	Before administering tests	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Returning students participated in DLM Math or ELA tests in 2014-15

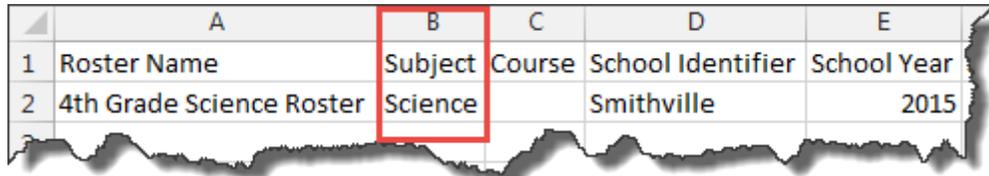
¹ also called teachers, assessors, or examiners in some states

Data Stewards may add field test participants to science rosters manually (option 1 below) or through a CSV upload (option 2). See the DATA STEWARD MANUAL for details on both procedures.



SUBJECT:* Science COURSE: Select

Option 1: Create Roster Manually



	A	B	C	D	E
1	Roster Name	Subject	Course	School Identifier	School Year
2	4th Grade Science Roster	Science		Smithville	2015

Option 2: CSV Roster Template

Test Delivery and Administration

Test Delivery Process

- Tests are delivered to students through KITE.
- Total testing time is estimated at 30 - 45 minutes.
- Unlike most DLM tests, all three testlets are together in one test form. Each testlet may be taken separately across multiple testing sessions as long as all three testlets are completed within the testing window. However, each testlet needs to be completed and submitted in order for the answers to be saved.
- All testlets are delivered automatically to each student at the beginning of the test window.
 - The linkage level assigned to the student is based on First Contact Survey responses regarding the student's expressive communication.
 - Tests are **not** assigned through the Instructional Tools Interface (ITI). The student's username and password are on test tickets in the Test Management tab in Educator Portal.
 - The Testlet Information Page (TIP) for each test form is also provided as a PDF in the Test Management tab. There will be one TIP for the entire set of testlets.
- Test administrators should follow the procedures for teacher-administered and computer-delivered testlets as described in the DLM TEST ADMINISTRATION MANUAL.
- Test administrators should follow the procedures specific to science testlets as described in the SCIENCE SUPPLEMENT TO THE TEST ADMINISTRATOR MANUAL.

Testlet Information Pages

- *Testlet Information Pages* (TIPs) for the science fall field testlets at the initial linkage level may contain additional pages of images that correspond to item answer choices. All images available in the TIPs need to be printed prior to test administration. There may be 2 to 4 images per sheet and each sheet of images should be printed on one standard 8 x 11 piece of paper. When multiple images are on the same sheet of paper, the images will need to be separated by cutting on the dotted lines.

At the End of the Fall Field Test

- Delete TIPs saved electronically and shred printed TIPs, including supplemental materials printed for use as answer choices.
- Complete the survey in KITE about the student's science academic skills. ***This information is essential for determining appropriate placement into a linkage level for the spring 2016 operational test.***

More Help

- Questions about students on your roster should be directed to your local Data Steward.
- Questions about the KITE client needed to administer the test should be directed to your local Technical Liaison.
- For technical problems with the KITE client or Educator Portal, please contact DLM Help Desk at DLM-support@ku.edu or 1-855-277-9751.