



Iowa's AYP Alternate Assessments

2014-2015

DLM Science Pilot Test



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- Learning Goal
 - Understand how to administer the DLM Science Pilot Test
- Success Criteria
 - Apply this learning and resources to administer the assessment

Webinar Content

- Science Pilot Test Overview
- Preparing for the Science Pilot Test
- Supports for Implementing the Assessment

Science Pilot Test Overview

Science Pilot Test Overview

- Purposes
- Timelines & Participation
- Performance Results
- Accessibility Features
- Test Delivery
- Linkage Levels
- Testlet Information Pages (TIPS)
- Structure of the Testlet
- Test Administration

Purposes

- The State of Iowa has partnered with the Dynamic Learning Maps Consortium to develop a Science Alternate Assessment to replace the existing Iowa Alternate Assessment Science
- The DLM Science Alternate Assessment will be operational Spring 2016
- Prior to the assessment being operational, the assessment must first be piloted with teachers and students

Purposes

- The purposes of this pilot test are to
 - Evaluate the new science testlet content
 - Develop a method for using student information to determine which linkage level of test to deliver
 - Gather feedback from educators about test content with respect to students' opportunity to learn, perceived difficulty, as well as general testlet structure

Timelines & Participation

- The DLM Science pilot window will run from 4/22-5/29
- Only students in grades 5, 8 , & 11 are required to participate
- Students in grade 4, 7, & 10 may participate
 - Provide experience for next year's science assessment
- Students who are blind or visually impaired should not participate in the pilot

Performance Results

- There will be no performance results for the Science Pilot Test
- Results for the Science Pilot Test will be used for research and development purposes only
- Science AYP scores for the 2014-2015 school year will be determined by the performance scores earned during the first two reporting periods of our current Iowa Alternate Assessment Science

Accessibility Features

- Students who use sign language to communicate may need to have content signed by a teacher
- Switch users may participate (automatic one-switch and two-switch step scanning are available)
- A limited number of testlets will include read-aloud capability
- See Science Supplement to the TEST ADMINISTRATION MANUAL for more information on Spoken Audio settings
- Students who cannot directly interact with a computer may need their teacher to enter responses for them

Testlet Delivery

- Each student will receive 9 or 10 testlets
- All students will be assigned testlets to cover the whole blueprint
- There is one testlet for each Essential Element

Testlet Delivery

- All testlets are delivered automatically to each student at the beginning of the test window-April 22nd
- Tests are **not** assigned through the Instructional Tools Interface (ITI)

Linkage Level

- The linkage level assigned to the student is based on First Contact Survey responses regarding the student's expressive communication
- The assigned linkage level will apply to all testlets administered to the student
 - No dynamic routing as in the Spring ELA and Math assessment

Linkage Level

- If the student is assigned to the Target or Precursor linkage levels, the testlets will be delivered via the computer
- If the student is assigned to the Initial linkage level, the testlets that will be teacher-administered

Testlet Information Pages (TIPs)

- The Test Administrator will be provided with a Testlet Information Page (TIP) for each testlet
 - TIPs are described fully in the TEST ADMINISTRATION MANUAL

Testlet Information Pages (TIPs)-

- Science pilot testlets at the *initial linkage level* may contain additional pages of images that correspond to item answer choices
 - The images provided within the TIP pages are meant to be used as manipulatives for the assessment
 - The majority of initial level testlets use the TIP images as the manipulatives
- 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

Testlet Information Pages (TIPs)

- A few initial level testlets ask for additional manipulatives
 - Examples of additional manipulatives include cups of warm and cold water and a ball
- Delete TIPs saved electronically and shred printed TIPs, including supplemental materials printed for use as answer choices

Structure of a Testlet

- Testlets in Science
 - Begin with an engagement activity
 - Motivate Students
 - Provide a Context
 - Activate Prior Knowledge
 - May be designed around a science activity that is presented twice with test questions embedded within and/or placed at the conclusion of the second presentation
 - Science testlets may also involve a shorter science activity or simply provide a context for the test questions
 - Such testlets place all of the questions at the end conclusion of the engagement activity

Test Design

- Each Testlet contains items from one essential element
- 3-4 items plus an engagement activity
- 9-10 Testlets

Test Administration

- Total testing time is estimated at 90-110 minutes per student
- The testlets may be taken separately across multiple testing sessions as long as they are all completed within the testing window

Test Administration

- Only teachers who have completed the DLM required assessment training are authorized to administer the DLM Assessment
 - Educational Associates/Paraprofessionals are not authorized to administer the assessment
 - Violation of Iowa Teaching Standards
- All teachers must have complete all modules of the required assessment training and received a security certificate

Test Administration

- Test administrators should follow the procedures for teacher-administered and computer-delivered testlets as described in the DLM TEST ADMINISTRATION MANUAL

Test Administration

- Test Administrators should follow the procedures specific to science testlets as described in the SCIENCE SUPPLEMENT TO THE TEST ADMINISTRATOR MANUAL

Test Administration

- Items in science testlets are designed to assess student knowledge and skills.
- In order to do so, Test Administrators may need to use their best judgment and be flexible while administering the assessment
- This means that Test Administrators may provide additional supports beyond PNP options
- Supports described in the Allowable Practices section of the TEST ADMINISTRATION MANUAL are allowed in the science testlets unless exceptions are noted in the Testlet Information Page (TIP)

Teacher Survey

- At the end of each student's pilot test experience, please complete the survey, if one appears in KITE, about the student's science academic skills, opportunity to learn science content, and overall student experience with the science pilot test

Preparing for the Science Pilot Test

Preparing for the Science Pilot Test

- Data Stewards
 - Roster and enroll students into the science test
 - If testlets are not showing up, contact your district data steward

Preparing for the Science Pilot Test

- Teachers- Review Science Pilot Test Resources-Order of Priority
 1. IDOE Webcast
 2. DLM Blueprint Science Phase 1
 3. Preliminary Essential Elements for Science
 - Review three linkage levels
 - The Target level in Science is considered the Essential Element
 4. Science Supplement to Test Administration Manual
 5. Science Alternate Assessment Module 8 (webinar)

Science Pilot Test Resources

- DLM Science Pilot Test Administration Page
 - <http://dynamiclearningmaps.org/content/science-pilot-test-admin>
 - Preliminary Essential Elements for Science
 - About the Science Pilot Test (pdf)
 - Science Supplement to Test Administration Manual
 - Science Alternate Assessment Module 8 (webinar)
- DLM Blueprint Science Phase 1
 - <http://dynamiclearningmaps.org/content/science-pilot-test-admin>
- Iowa Alternate Assessment Webpage
 - All Documents
 - [https://www.educateiowa.gov/pk-12/special-education/assessment-testing/iowa-alternate-assessment-1-iaa#Dynamic Learning Maps DLM](https://www.educateiowa.gov/pk-12/special-education/assessment-testing/iowa-alternate-assessment-1-iaa#Dynamic%20Learning%20Maps%20DLM)

Supports for Implementing the Assessment

Support for Implementing the Science Pilot Test

- 1st -District Point of Contacts
 - Alternate Assessment Coordinator- Timelines & Requirements
 - District Technical Liaison- Technical glitches with student testing devices
 - DLM Help Desk- Technical Questions with DLM System
- 2nd- IDOE- Policy and Procedures

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