Dynamic Learning Maps® (DLM®)
District and Building Administrator Training

Year-End Model

© 2021 Accessible Teaching, Learning, and Assessment Systems (ATLAS)
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Audience and Purpose

District and Building Administrators

• This training provides information about the
  – DLM system
  – eligibility
  – assessment delivery
  – monitoring resources

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Overview

• core beliefs
• assessment design
• accessibility supports
• assessment delivery
• reports and resources

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CORE BELIEFS

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DLM Core Beliefs

- The DLM system provides accessibility by design with two main core beliefs:
  - All students should have access to challenging, grade-level content.
  - Test administrators should adhere to the highest levels of integrity in providing instruction and in administering assessments based on this challenging content.

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Diverse Student Population

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Instruction and Supports

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ASSESSMENT DESIGN

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DLM Subjects

- English language arts
  - grades 3-8 and high school
  - reading
  - writing
  - states choose the grade(s) in high school
- Mathematics
  - grades 3-8 and high school
  - states choose the grade(s) in high school
- Science
  - grade bands 3-5, 6-8, and high school
  - states choose the grade(s) within each grade band

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Standards: Essential Elements

- are learning targets for the assessments
- bridge from grade-level content standards to academic expectations for students with the most significant cognitive disabilities
- link to science grade-level standards in each state

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Sample ELA Blueprint

Grade 3: Essential Elements Assessed		
Conceptual Area	Essential Element	Description*
ELA.C1.1		
	EE.RL.3.1	Answer who and what questions to demonstrate understanding of details in a text.
	EE.RL.3.3	Identify the feelings of characters in a story.
	EE.RL.3.2	Identify details in a text.
	EE.RI.3.3	Order two events from a text as "first" and "next."
ELA.C1.2		
	EE.RL.3.4	Determine words and phrases that complete literal sentences in a text.
	EE.RI.3.8	Identify two related points the author makes in an informational text.
	EE.L.3.5.c	Identify words that describe personal emotional states.
ELA.C1.3		
	EE.RL.3.9	Identify common elements in two stories in a series.
ELA.C2.1		
	EE.W.3.2.a	Select a topic and write about it including one fact or detail.
	EE.W.3.4	With guidance and support, produce writing that expresses more than one idea.
*Note: RL = Reading Literature, RI = Reading Informational, W = Writing, L = Language		

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Linkage Levels

- provide levels of complexity for each Essential Element
  - ELA and mathematics each have five linkage levels.
  - Science has three linkage levels.
  - Each testlet a student takes includes items written to a particular linkage level.
- are based on data about the student entered in the system by the student's teacher
- progress in complexity of skills

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Linkage Levels for ELA and Mathematics

Linkage Levels	Complexity
Initial Precursor	least complex; foundational
Distal Precursor	knowledge and skills needed to reach the Target
Proximal Precursor	provides access to the Target
Target	aligns to content of the Essential Element
Successor	progresses beyond the Target

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Linkage Levels for Science

Linkage Levels	Complexity
Initial	least complex
Precursor	more complex
Target	most complex and aligns with Essential Element

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Testlets

- Testlets are short assessments.
- The assessment as a whole is comprised of a series of testlets that are taken one at a time across multiple testing sessions.
- To help establish instructional relevance, each testlet begins with an engagement activity followed by 3-9 items.
- Each testlet assesses only one Essential Element.
  - Writing testlets are the exception.

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Item Types

- Items types include
  - multiple-choice (most common)
  - sorting
  - matching
  - select text
- Item types vary depending on the linkage level of the testlet.

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Testlet Types

- computer-delivered
- teacher-administered

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Computer-Delivered Testlets

- administered directly to the student via computer
- designed to allow the student to interact independently with the computer
  - can use assistive technology
- are more common at upper linkage levels

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Teacher-Administered Testlets

- Online content is for the test administrator.
- Test administrator sets up, delivers, and records responses.
- This type of testlet is common at the lower linkage levels.
- All writing testlets are teacher-administered.
- Science testlets may include picture response cards.

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ASSESSMENT DELIVERY

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Personal Learning Profile

- personalized for each student
  - First Contact survey settings
  - Personal Needs and Preferences (PNP) Profile settings

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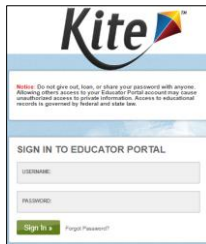## First Contact Survey and PNP Profile

- PNP Profile
  - Display
  - Language & Braille
  - Audio & Environment
  - Other Supports

- First Contact Survey
  - Communication
  - Academics
  - Sensory Characteristics
  - Motor Characteristics
  - Computer Access

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Kite® Educator Portal

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Educator Portal Contents

- Kite Educator Portal
  - student data
  - rosters
  - First Contact survey
  - Personal Needs and Preferences (PNP) Profile
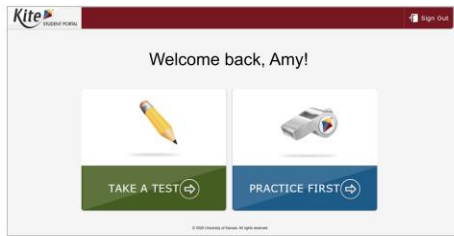 - Instruction and Assessment Planner

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Kite Student Portal

Students use Student Portal to take their testlets.

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Testlet Time

- The time needed to administer a single testlet varies depending on the student.
  – Most testlets take 5 to 15 minutes to complete.
  – Writing testlets may take a little longer.

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Considerations

- scheduling flexibility
- many allowable practices
- some practices not allowed
- check the ACCESSIBILITY MANUAL and TEST ADMINISTRATION MANUAL

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Assessment Windows

- spring assessment window (required)
- instructionally embedded assessment window (optional)

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Spring Assessment Window

- Students are assessed on the entire blueprint for ELA, mathematics, and science.
- The system selects the Essential Elements and assigns the linkage level.
- The total number of testlets delivered differs by grade and subject area.

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Delivery During the Spring Assessment Window

- adaptive delivery
  - linkage levels adjust between testlets based on student performance
- one testlet at a time
  - student takes testlet
  - testlet is scored
  - next testlet arrives
  - process for score, adaptation, and delivery about 15 minutes

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Optional Instructionally Embedded Assessment Window

- optional
- occurs during the fall and winter months
  - The teacher provides instruction and delivers testlets to check for understanding.
  - The number of testlets delivered can vary among students.

Follow state guidance.

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DATA EXTRACTS AND REPORTS

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Extracts and Reports

- available in Educator Portal
  - under the Reports tab
- based on user role
  - district users = district-level reports
  - building users = building-level reports
  - teachers = student and class reports
- provided in CSV format for extracts
- provided in PDF format for reports

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Data Extracts

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Extracts Available

- Current Enrollment
- DLM Test Administration Monitoring
- First Contact Survey File
- PNP Settings Count
- PNP Settings
- Roster
- Security Agreement Completion
- Student Roster and First Contact Survey
- Training Status
- Users

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DLM Test Administration Monitoring Extract

- during the optional instructionally embedded assessment window
  - number of instructionally embedded testlets
    - not started (plans created but testlet not assigned)
    - in progress
    - completed
- during spring assessment window
  - number of testlets
    - not started
    - in progress
    - completed
    - required
  - field test, if taken

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New Extract!
Student Roster and First Contact Survey

- testing readiness
  - grade in which student is enrolled
  - all subjects in which the student is rostered
  - First Contact survey completion status
- Enrollment, Roster, and First Contact Survey extracts still available individually

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Student Roster and First Contact Survey

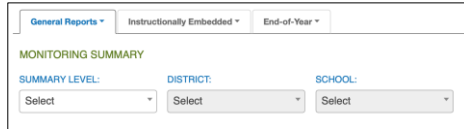| Grade	State Student Identifier	FCS Complete Date	ELA Educator	ELA Roster Indicator	Math Educator	Math Roster Indicator	Science Educator	Science Roster Indicator
9	1776140	9/17/2019	Rosie Pierce	Rostered	Not Rostered	Not Rostered	Not Rostered	Not Rostered
9	1776139	9/17/2019	Rosie Pierce	Rostered	Not Rostered	Not Rostered	Rosie Pierce	Rostered
9	1776141	10/25/2019	Rosie Pierce	Rostered	Rosie Pierce	Rostered	Not Rostered	Not Rostered
10	1776143	10/25/2019	Lou Derby	Rostered	Lou Derby	Rostered	Not Rostered	Not Rostered
10	1776144	Not Started	Not Rostered	Not Rostered	Not Rostered	Not Rostered	Not Rostered	Not Rostered
11	1776146	7/28/2020	Lou Derby	Rostered	Jenn Richards	Rostered	Jenn Richards	Rostered
11	1776145908	Not Started	Lou Derby	Rostered	Jenn Richards	Rostered	Jenn Richards	Rostered
12	1776150	Not Started	Jenn Richards	Rostered	Jenn Richards	Rostered	Jenn Richards	Rostered

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Reports—Alternate Assessment

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Reports—Monitoring Summary

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Reports—Student Progress and Class Roster

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Student Progress Report

- summarizes a student's progress during the optional instructionally embedded assessment window
- will not display any testlet delivered during the spring assessment window
- is useful when planning or reviewing instruction for a student
- displays planned and assessed Essential Elements and linkage levels, the grade-level expectation (Essential Element), and whether the student has demonstrated mastery at that level
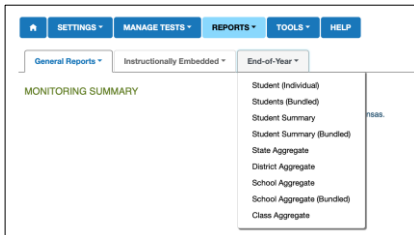
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Class Roster Report

- is only applicable for the instructionally embedded testlets (not spring assessments)
- displays most recent assessment and current instructional goals by Essential Element for one or more students on a roster

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End-of-Year Reports

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Individual Student Score Reports (ISRs)

- are available after the spring assessment window has closed
- are accessible depending on which user roles have state permission to view the reports
- are summative reports
- provide student results from the year's DLM assessments

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ISRs (continued)

- Individual Student Score Reports (ISRs) provide results from ONLY the spring assessments.
- Resources are available for understanding the reports and how to explain them to parents and guardians.
- Check with your assessment coordinator about when your Individual Student Score Reports will be available.
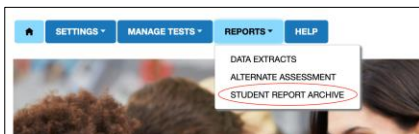
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Aggregate Reports

- summarize testing results across the district, school, or class in PDF format
- provide the number of students tested by grade, subject, and performance level
- are released based on user role

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Archived Reports

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Summary of Extracts and Reports

- Many helpful extracts and reports are available in Educator Portal.
- Check the EDUCATOR PORTAL USER GUIDE for help on how to access and use the resources.

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Parent Resources

- Parent Interpretive Guide (also in Spanish)
- Parent Cover Letter for Score Reports
- Student Portal
  - can be downloaded on a home computer/tablet
  - use practice activities and released testlets

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Additional Resources

- Professional development is offered.
  - more than 50 instructional modules (three specific to science)
  - a variety of instructional resources including books that can be read with a student
  - writing tools available if a student cannot use a standard pencil or computer keyboard
  - communication supports if a student struggles to use speech to communicate
  - a virtual community of practice to interact with other families

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Summary of Manuals

- Accessibility Manual
- Assessment Coordinator Manual
- Data Management Manual
- Educator Portal User Guide
- Technology Specifications Manual
- Test Administration Manual

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Conclusion

- DLM assessments
  - are designed for students with the most significant cognitive disabilities
  - enable students to better demonstrate what they know, understand, and can do academically in relationship to the Essential Elements
  - reflect a reduced depth, breadth, and level of complexity
  - present accessible content, accessible design, and accessible delivery
  - include available reports and extracts to help monitor assessments

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THANK YOU!

If you have further questions, contact
the DLM Service Desk at 1-855-277-9751,
email dlm-support@ku.edu,
or visit dynamiclearningmaps.org

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