

Dynamic Learning Maps®  
District and Building Administrator Training  
Integrated Model

DYNAMIC  
LEARNING MAPS

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Audience and Purpose

District and Building Administrators

- This training provides information about the
  - DLM system
  - Eligibility
  - Test delivery
  - Monitoring resources

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DYNAMIC  
LEARNING MAPS

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Overview

- Core beliefs
- Assessment design
- Accessibility supports
- Assessment delivery
- Reports and resources

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DYNAMIC  
LEARNING MAPS

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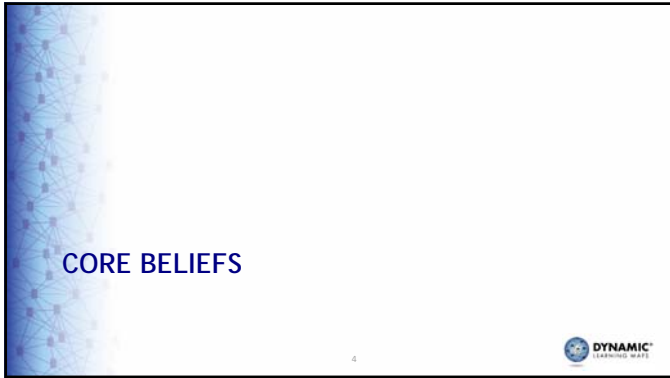
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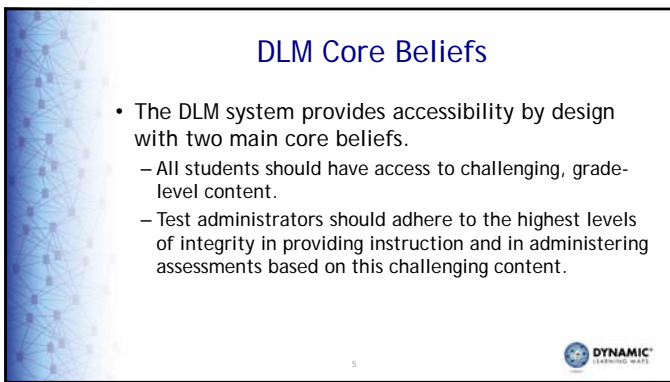
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## ASSESSMENT DESIGN

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## DLM Subjects

- English language arts
  - Grades 3-8 and high school
  - Reading, writing
  - States choose the grade in high school
- Mathematics
  - Grades 3-8 and high school
  - States choose the grade in high school
- Science
  - Grade bands 3-5, 6-8, and high school
  - States choose the grades within each grade band
  - If state participates in DLM science alternate assessment

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## Standards: Essential Elements

- Learning targets for the assessments
- Bridge from grade-level content standards to academic expectations for students with the most significant cognitive disabilities
- ELA and mathematics
  - Linked to college and career readiness standards
- Science
  - Linked to the National Research Council’s Framework for K-12



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### Sample ELA Blueprint

Grade 3: Available Essential Elements and minimum expectation for each student’s assessment

Conceptual Area	EE	DESCRIPTION
ELA.C1.1	Choose at least three EEs, including at least one RL and one RI.	
	EE.RL.3.1	Answer who and what questions to demonstrate understanding of details in a text.
	EE.RL.3.2	Associate details with events in stories from diverse cultures.
	EE.RL.3.3	Identify the feelings of characters in a story.
	EE.RL.3.5	Determine the beginning, middle, and end of a familiar story with a logical order.
	EE.RL.3.1	Answer who and what questions to demonstrate understanding of details in a text.
	EE.RL.3.2	Identify details in a text.
ELA.C1.2	Choose two EEs in C1.2 (L, RL or RI) – EEs must be from different strands, i.e. RL and L, not RL and RL.	
	EE.RL.3.4	Determine words and phrases that complete literal sentences in a text.
	EE.RL.3.4	Determine words and phrases that complete literal sentences in a text.
	EE.RL.3.8	Identify two related points the author makes in an informational text.
	EE.L.3.5.a	Determine the literal meaning of words and phrases in context.
ELA.C1.3	Choose at least one EE (RL or RI).	
	EE.RL.3.9	Identify common elements in two stories in a series.
	EE.RL.3.9	Identify similarities between two texts on the same topic.
ELA.C2.1	All students are assessed in both of these EEs through the writing assessment. In ITI, choose one Conventional EE or one Emergent EE. See Writing Testlet FAQ for more detail.	
	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.

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## Linkage Levels

- Levels of complexity for each Essential Element
- Based on data about the student entered in the system by the student’s teacher
- Measured by testlets
- Progress in complexity of skills
- Five linkage levels in ELA and mathematics
- Three linkage levels in science



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### Linkage Levels for ELA and Math

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	Aligns with Essential Element

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### Testlets

- Each testlet contains an engagement activity and items.
  - Increases instructional relevance
  - Engagement activity at beginning
  - Multiple items follow
    - 3-9 items in each testlet
- Each testlet assesses only one Essential Element
  - Exception: Writing testlets

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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 testlets
- Teacher-administered testlets

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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
- 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
- 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
- Access Profile settings
  - Student's personal needs and preferences

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## First Contact Survey and Access Profile

- First Contact Survey
  - Communication
  - Academics
  - Sensory Characteristics
  - Motor Characteristics
  - Computer Access
- Access Profile
  - Display
  - Language & Braille
  - Audio & Environment
  - Other Supports



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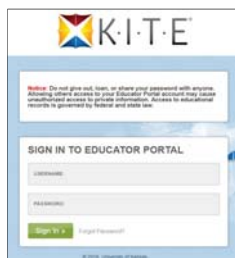
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## Educator Portal



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## The KITE System

- Educator Portal
  - Student data
  - Rosters
  - First Contact survey
  - Access Profile
  - Instructional Tools Interface (ITI)



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### KITE Client



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### Testlet Time

- Varies depending on the student
- Suggested administration times per testlet
  - English language arts
    - Reading: 10-15 minutes
    - Writing: 10-15 minutes
  - Mathematics
    - 5-10 minutes
  - Science
    - 5-10 minutes

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### Allowable Practices

- Scheduling flexibility
- Many allowable practices
- Some practices that should be avoided
- Check the ACCESSIBILITY MANUAL and TEST ADMINISTRATION MANUAL

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### Assessment Windows

- Instructionally embedded assessment window
- Spring assessment window

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### Instructionally Embedded Assessment Window

- Required assessments for ELA and mathematics
- Occur during the fall and winter
- Teacher provides instruction and delivers testlets to check for understanding
- Number of testlets delivered can vary among students
- Follow individual state blueprint requirements

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### Spring Assessment Window

- Students are re-assessed on five previously tested Essential Elements in ELA and five in mathematics
- Students are assessed on nine Essential Elements in science.

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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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### REPORTS AND DATA EXTRACTS

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### Reports And Data Extracts

- Available in Educator Portal
  - Under the Reports tab
- Based on user role
  - State users = state-level reports
  - District users = district-level reports
  - Teachers = student and class reports
- Reports are in PDF format
- Extracts are in CSV format

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### Monitoring Summary Report

- During instructionally embedded assessment window
  - Number of plans created
  - Number of testlets started
  - Number of testlets completed
- During spring assessment window
  - Number of testlet in progress
  - Number of required testlets completed

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### Blueprint Coverage Report

- Used to monitor how well testing covers the blueprint during the required instructionally embedded assessment window
- Indicates whether student fully or partially met each blueprint criterion
- Not used during the spring assessment window

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### Student Progress Report

- Summarizes a student's progress during the required instructionally embedded assessment window
- Will not display any testlet delivered during the spring assessment window
- Useful when planning or reviewing instruction for a student
- Displays planned and assessed Essential Elements and linkage levels, the grade-level expectation (EE), and whether the student has demonstrated mastery at that level

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### Class Roster Report

- Displays recently assessed and current instructional goals by Essential Element for one or more students on a roster
- Information is only valid for instructionally embedded testlets (not spring assessments)

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### The DLM Test Administration Monitoring Extract

- Allows users to track when a student is finished with spring assessments
- Includes the number of testlets confirmed, in progress, and completed

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### Archived Reports

Home SETTINGS MANAGE TESTS SCORING **REPORTS** TOOLS HELP

Student Last Name  or Student State ID

Data Extracts


Downloads  Select a report from the list on the left

Alternate Assessments

General Reports

Monitoring Summary

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### Student Score Reports

- Not available until spring assessment window has closed
- Each state determines which user roles have permission to view the reports
- Summative reports
  - Provide student results from the year's DLM assessments

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### Individual Student Score Reports

- Results from both instructionally embedded and spring assessments
- Include Performance Profile and Learning Profile
- Resources available for understanding the reports and how to explain them to parents and guardians
- Check with assessment coordinator about when your Individual Student Score Reports will be available

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### Aggregate Reports

- Summarizes testing results across the state, district, school, or class in PDF format
- Provides number of students tested by grade, subject, and performance level
- Released based on user role

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### Summary of Reports and Extracts

- Many helpful reports and extracts are available in Educator Portal.
- Check the EDUCATOR PORTAL USER GUIDE for help on accessing and using the resources.

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### Parent Resources

- Parent Interpretive Guide (also in Spanish)
- Parent Cover Letter for Score Reports
- KITE Client
  - Download on home computer
  - Use practice activities and released testlets

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### Additional Resources

- Professional development
  - 50 instructional modules
  - A variety of instructional resources including books that can be read with a student
  - Writing tools are 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 DLM Manuals

- ACCESSIBILITY MANUAL: all supports available for students
- TEST ADMINISTRATION MANUAL: how to deliver assessments
- EDUCATOR PORTAL USER GUIDE: step by step guidance on how to use Educator Portal, KITE Client and access reports and extracts



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## Conclusion

- DLM alternate assessments
  - Designed for students with the most significant cognitive disabilities
  - Enables students to better demonstrate what they know, understand, and can do academically in relationship to the Essential Elements
  - At a reduced depth, breadth, and level of complexity
  - Accessible content, accessible design, and accessible delivery
  - 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 or [d1m-support@ku.edu](mailto:d1m-support@ku.edu) or visit [dynamiclearningmaps.org](http://dynamiclearningmaps.org)



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