Audience and Purpose

District and Building Administrators
• This training provides information about the
  – DLM system
  – eligibility
  – assessment delivery
  – monitoring resources

Overview
• core beliefs
• assessment design
• accessibility supports
• assessment delivery
• reports and resources
CORE BELIEFS

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.

Diverse Student Population
**Instruction and Supports**

**ASSESSMENT DESIGN**

**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
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

Sample ELA Blueprint

<table>
<thead>
<tr>
<th>Conceptual Area</th>
<th>Essential Element</th>
<th>Description*</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL.3.1</td>
<td>EE: R.3.1</td>
<td>Answer why and what questions to demonstrate understanding of details in a text.</td>
</tr>
<tr>
<td>RL.3.2</td>
<td>EE: R.3.2</td>
<td>Identify the feeling of characters in a story.</td>
</tr>
<tr>
<td>RL.3.3</td>
<td>EE: R.3.3</td>
<td>Identify details in text.</td>
</tr>
<tr>
<td>RL.3.4</td>
<td>EE: R.3.4</td>
<td>Order two events from a text as &quot;first&quot; and &quot;next.&quot;</td>
</tr>
</tbody>
</table>

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
### Linkage Levels for ELA and Mathematics

<table>
<thead>
<tr>
<th>Linkage Levels</th>
<th>Complexity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Precursor</td>
<td>least complex, foundational</td>
</tr>
<tr>
<td>Distal Precursor</td>
<td>knowledge and skills needed to reach the Target</td>
</tr>
<tr>
<td>Proximal Precursor</td>
<td>provides access to the Target</td>
</tr>
<tr>
<td>Target</td>
<td>aligns to content of the Essential Element</td>
</tr>
<tr>
<td>Successor</td>
<td>progresses beyond the Target</td>
</tr>
</tbody>
</table>

### Linkage Levels for Science

<table>
<thead>
<tr>
<th>Linkage Levels</th>
<th>Complexity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial</td>
<td>least complex</td>
</tr>
<tr>
<td>Precursor</td>
<td>more complex</td>
</tr>
<tr>
<td>Target</td>
<td>most complex and aligns with Essential Element</td>
</tr>
</tbody>
</table>

### 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.
Item Types

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

Testlet Types

- computer-delivered
- teacher-administered

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
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.

ASSESSMENT DELIVERY

Personal Learning Profile

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

Kite® Educator Portal

Kite Educator Portal Contents

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

Welcome back, Amy!

Students use Student Portal to take their testlets.

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.

Considerations

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

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

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.

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
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.*

DATA 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
Data Extracts

- 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

Extracts Available

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
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

Student Roster and First Contact Survey

<table>
<thead>
<tr>
<th>Grade</th>
<th>State Student ID</th>
<th>FOS Completed Date</th>
<th>ESL indicator</th>
<th>Math indicator</th>
<th>Science indicator</th>
<th>Roster indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>179234</td>
<td>1/1/2019</td>
<td></td>
<td></td>
<td></td>
<td>Rostered</td>
</tr>
<tr>
<td>10</td>
<td>179234</td>
<td>2/1/2019</td>
<td>Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
</tr>
<tr>
<td>11</td>
<td>179234</td>
<td>3/1/2019</td>
<td>Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
<td>Rostered</td>
</tr>
<tr>
<td>12</td>
<td>179234</td>
<td>4/1/2019</td>
<td>Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
</tr>
<tr>
<td>13</td>
<td>179234</td>
<td>5/1/2019</td>
<td>Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
<td>Not Rostered</td>
</tr>
</tbody>
</table>
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
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

End-of-Year Reports

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
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.

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

Archived Reports
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.

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

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

District and Building Administrator Training YE PowerPoint
Summary of Manuals

- ACCESSIBILITY MANUAL
- ASSESSMENT COORDINATOR MANUAL
- DATA MANAGEMENT MANUAL
- EDUCATOR PORTAL USER GUIDE
- TECHNOLOGY SPECIFICATIONS MANUAL
- TEST ADMINISTRATION MANUAL

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

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