

Overview of the Dynamic Learning Maps Alternate Assessment System

Required Training

Module 1



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Learning Objectives

- DLM Learning Maps
- Essential Elements
- How Essential Elements Relate to the Map
- DLM Testlets and Linkage Levels

Learning
Map

Claims

Conceptual
Areas

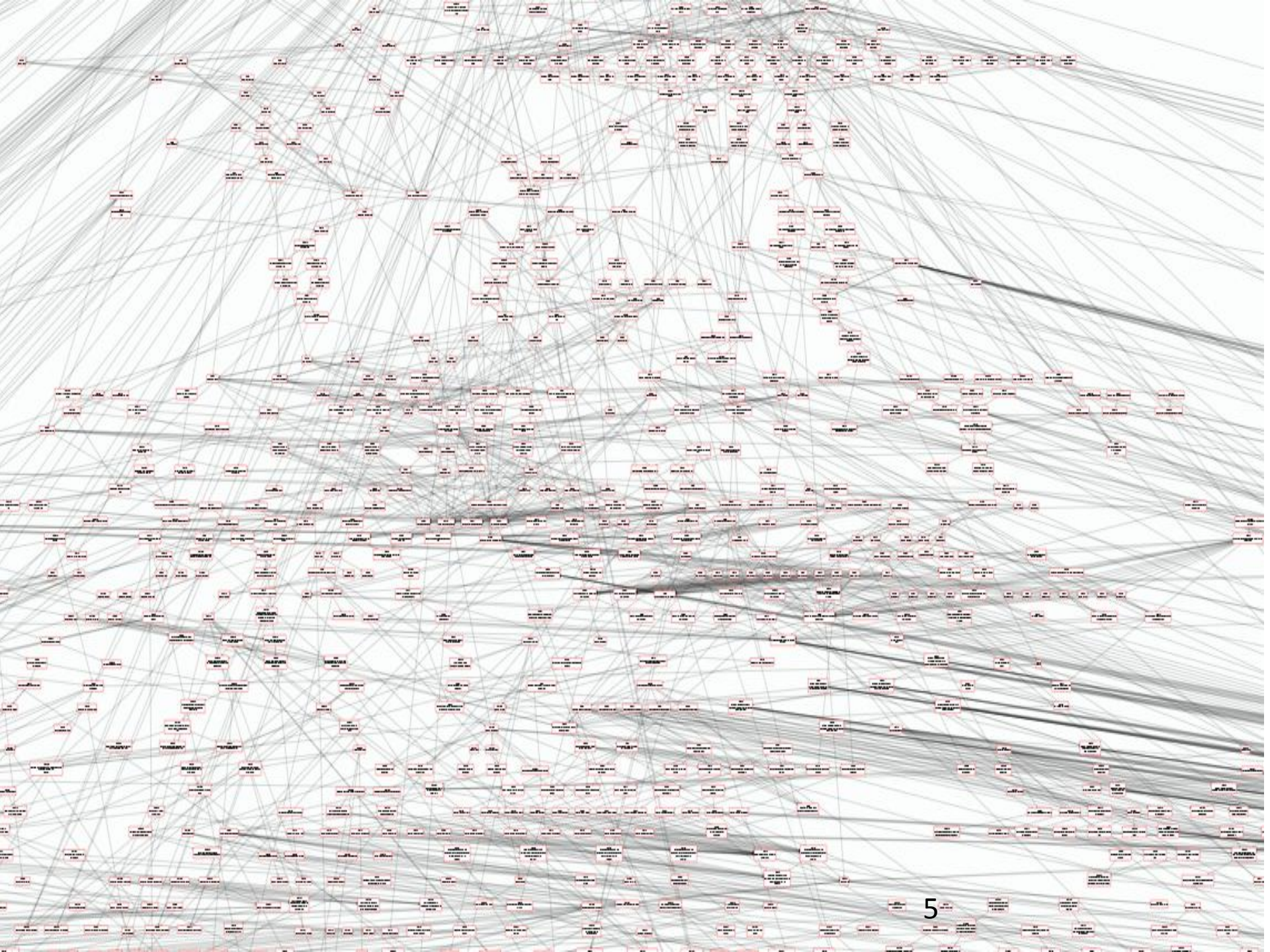
Essential
Elements

(and other nodes)

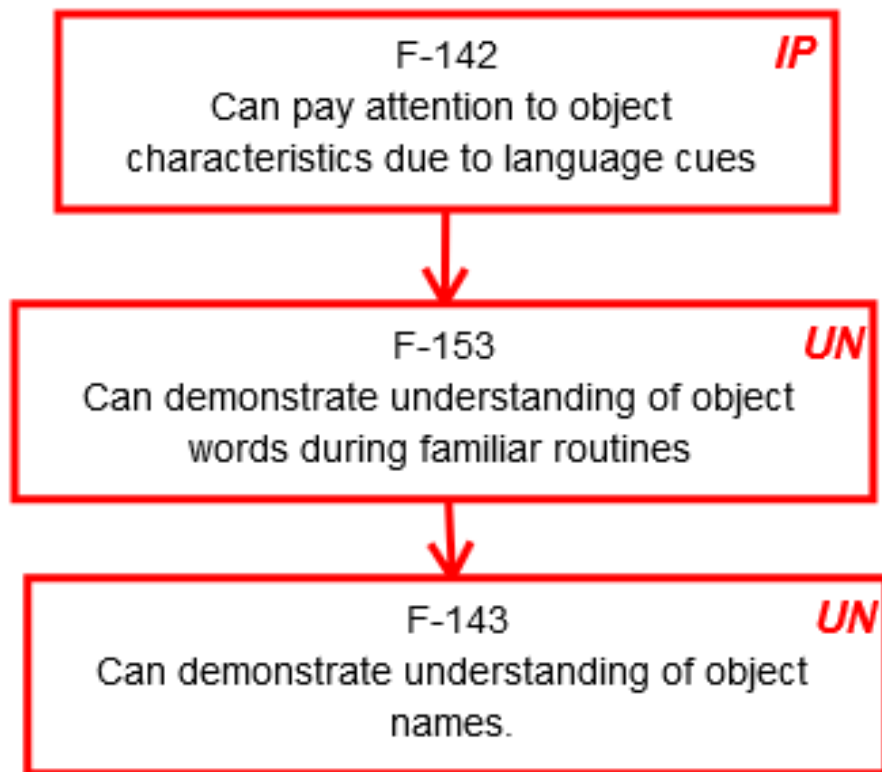
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Foundational Nodes



English Language Arts Nodes

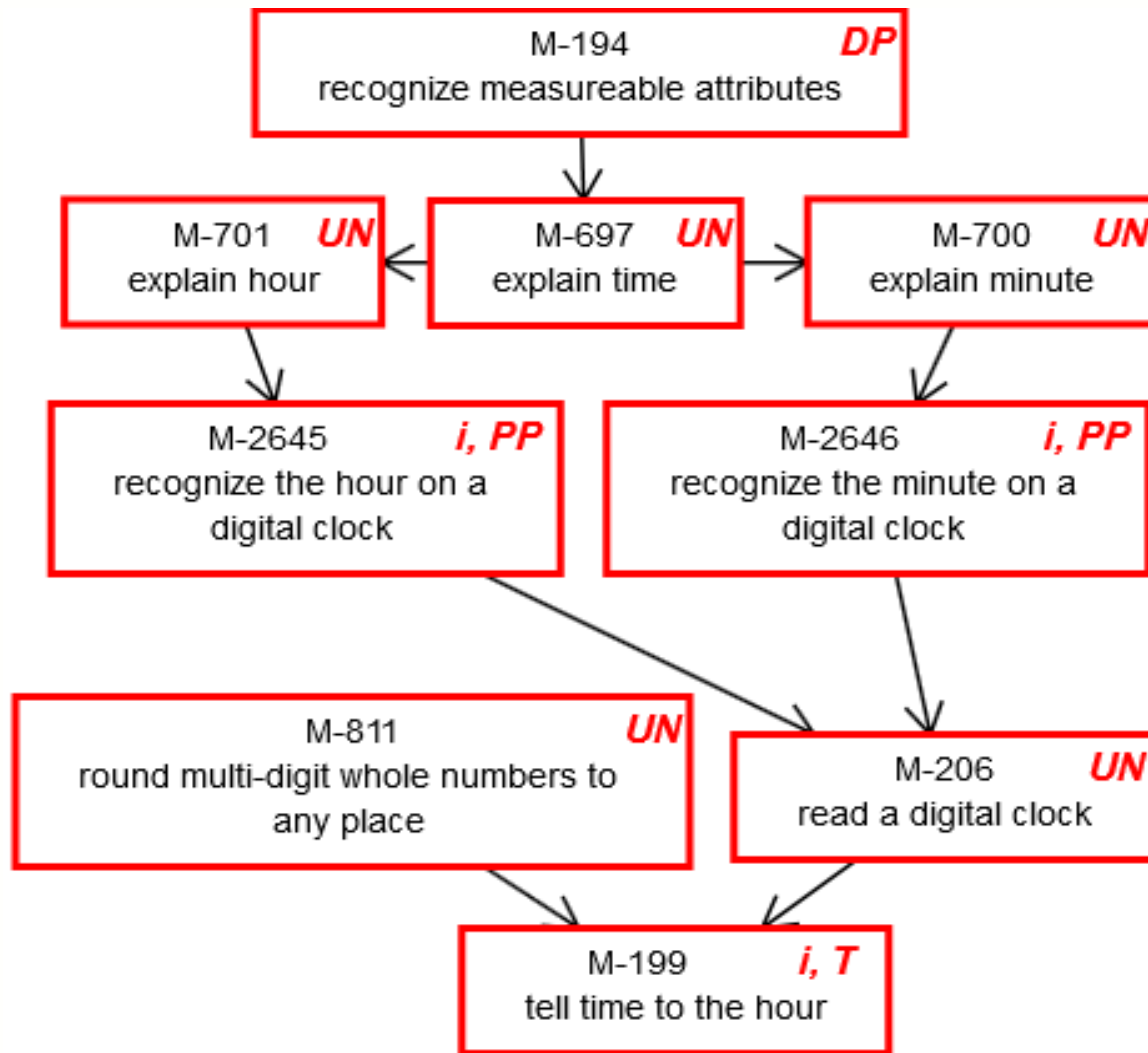
ELA-1141 *PP*
Can identify concrete details in familiar informational texts

ELA-970 *SP*
Can identify a concrete detail in early informational texts

ELA-381 *T*
Can answer simple questions about concrete details in an informational text.

ELA-1550 *S*
Identify words in the text to answer a question about explicit information

Mathematics Nodes



Quick Facts about the Map

ELA

- 141 foundational nodes
- 1,645 ELA nodes
 - 538 Essential Elements
- 3,982 edges/connections

Mathematics

- 141 foundational nodes
- 2,312 mathematics nodes
 - 172 Essential Elements
- 4,838 edges/connections

WHAT ARE ESSENTIAL ELEMENTS?



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Definition of Essential Elements

The DLM Essential Elements (EEs) are specific statements of the content and skills that are linked to the College and Career Readiness standards grade level-specific expectations for students with significant cognitive disabilities.

DLM Essential Elements

- Reduced depth, breadth, complexity
- Provide appropriate level of rigor and challenge
- Are a starting point for defining achievement standards
- Are not functional or pre-K skills or instructional descriptions
- Focus on the skills (with multiple means of demonstration)

For example...

- One College and Career Readiness standard reads:
 - *W.4.2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.*
 - a. Introduce a topic clearly and group related information in paragraphs and sections; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.*

The Essential Element reads:

Write to convey ideas and information clearly.

- a. Select a topic and related visual / tactual / multimedia information.*

The two are directly linked:

- Both:
 - emphasize writing to *convey ideas and information*
 - address *topic*
 - Include the use of related *illustrations and multimedia*

Example for English Language Arts

College and Career Readiness Standard

- RL.6.2 Determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.

Essential Element

- EE.RL.6.2 Determine the theme or central idea of a familiar story and identify details that relate to it.

Example for Mathematics

College and Career Readiness Standard

- 4.MD.5. Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement:
- An angle is measured with reference to a circle with its center at the common endpoint of the rays, by considering the fraction of the circular arc between the points where the two rays intersect the circle. An angle that turns through $1/360$ of a circle is called a “one-degree angle,” and can be used to measure angles.
- An angle that turns through n one-degree angles is said to have an angle measure of n degrees.

Essential Element

- EE.4.MD.5. Recognize angles in geometric shapes

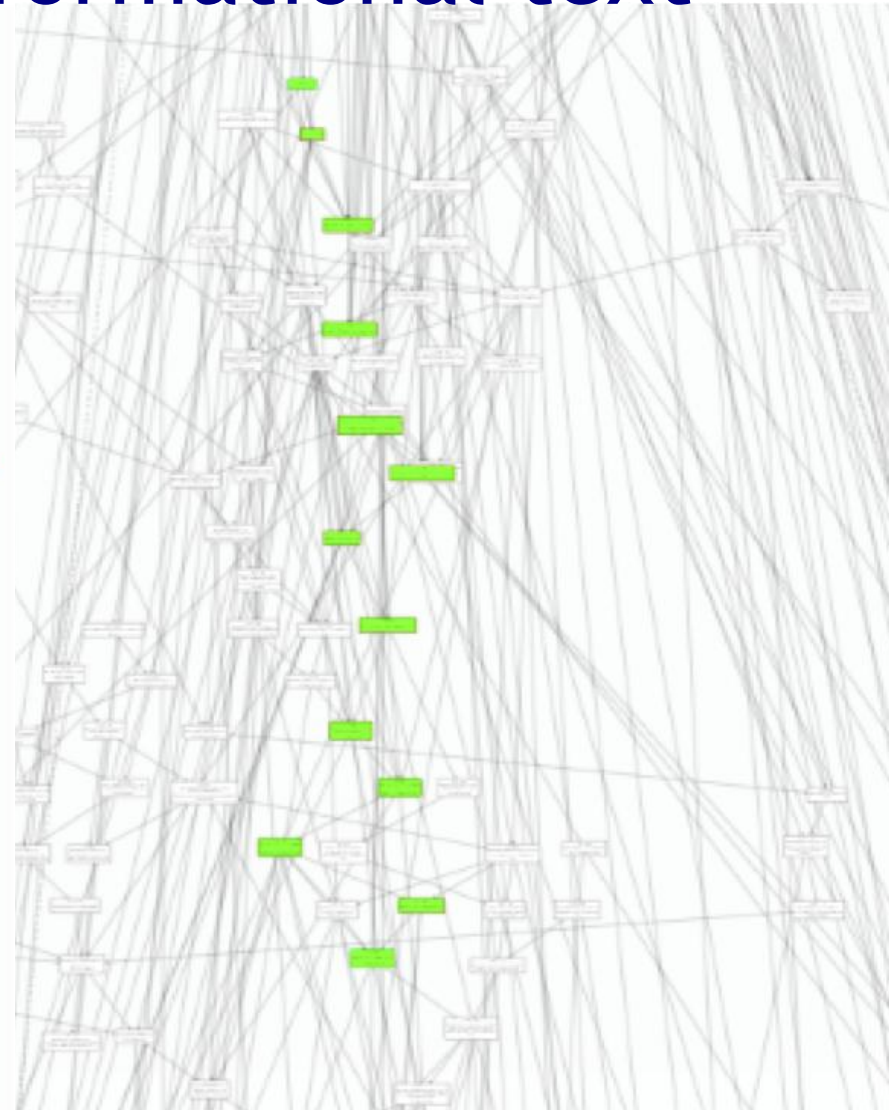
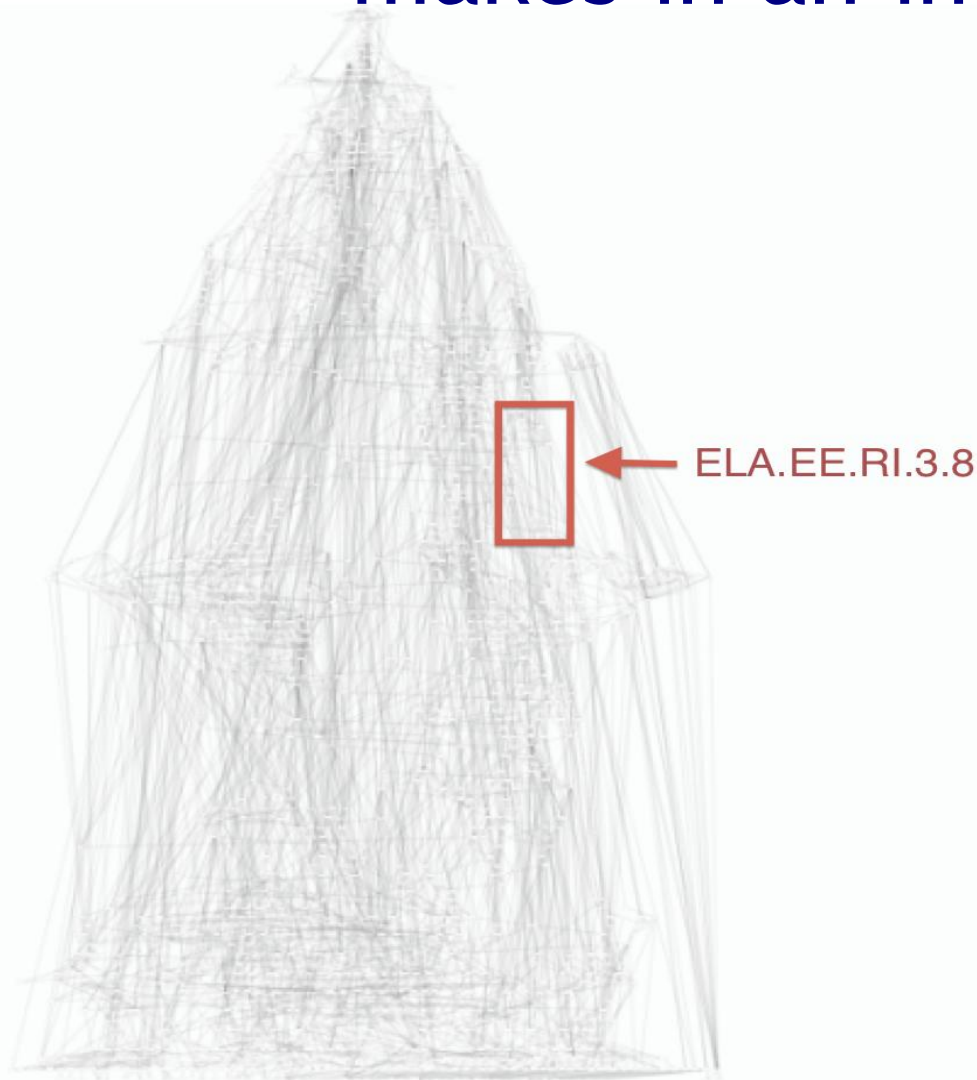
DLM Essential Elements are NOT:

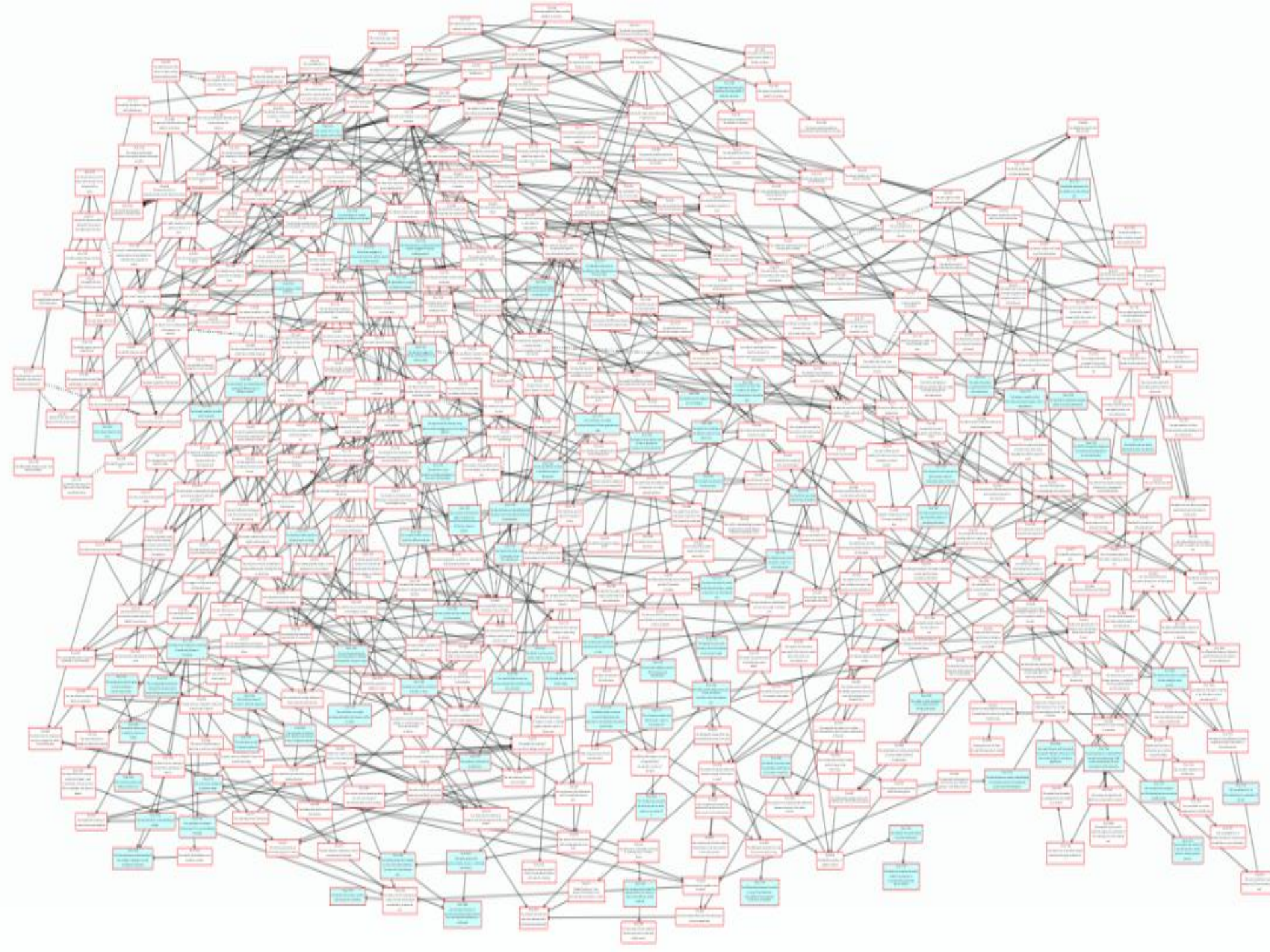
- Replacements for the College and Career Readiness Standards
- Downward extensions to pre-K
- Statements of functional skills
- Curriculum or learning progressions
- IEP goals or benchmarks

HOW DO ESSENTIAL ELEMENTS RELATE TO THE MAP?



Identify two related points the author makes in an informational text





DLM TESTLETS



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Linkage Levels - A Definition

- Linkage levels contain one or more nodes that precede (or follow) an identified EE. Links both identify important “waypoints” en route to an EE and specify where a student is in relationship to the grade-level target.

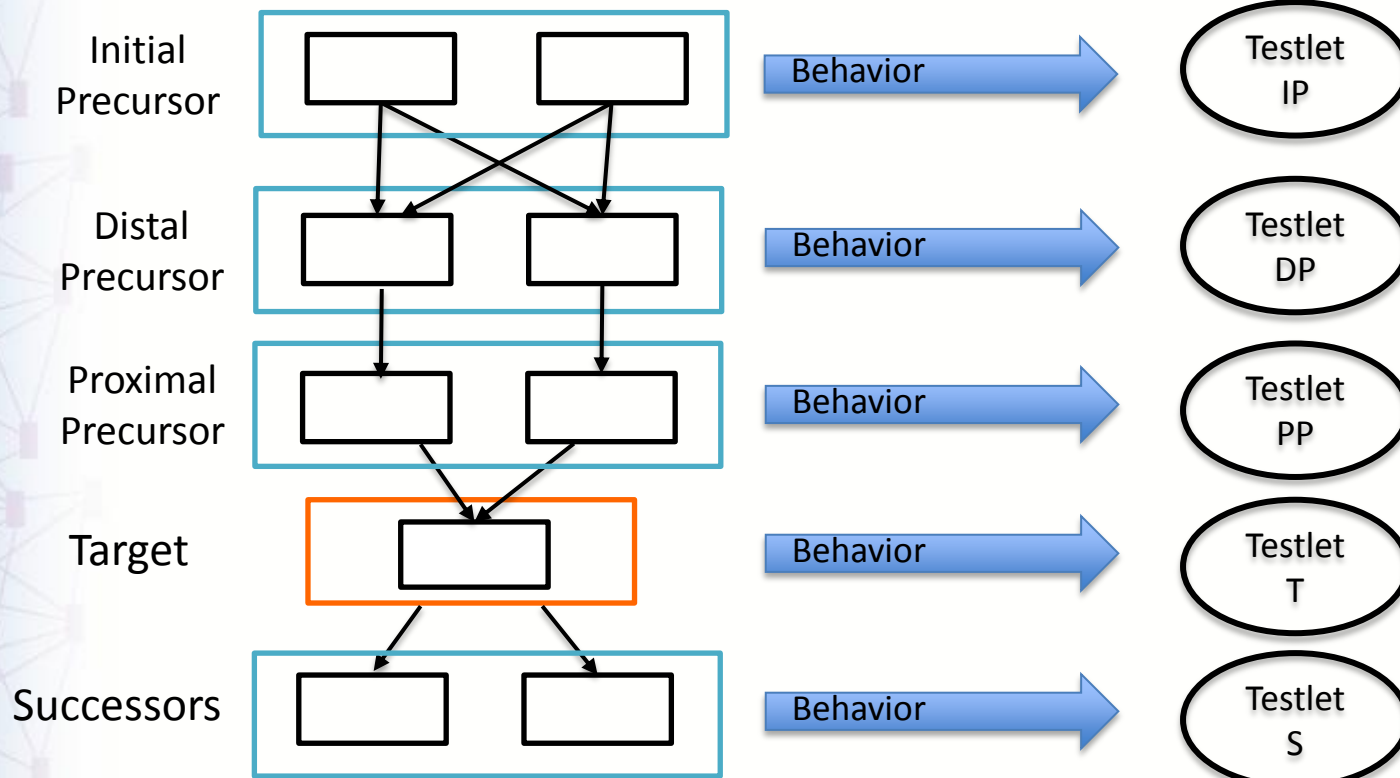
Structure of a Testlet

- Begins with engagement activity
 - Motivate students
 - Provide a context
 - Activate prior knowledge
- ELA: Text presented twice; questions embedded and at conclusion on 2nd read
- Math: Series of questions or problems related to a single topic

Testlets in Linkage Levels

Connect the map...

...to the items developed.



Testlets in Linkage Levels

- Each student completes a unique combination of testlets across multiple Essential Elements
- The system will use dynamic routing to move students from testlet to testlet

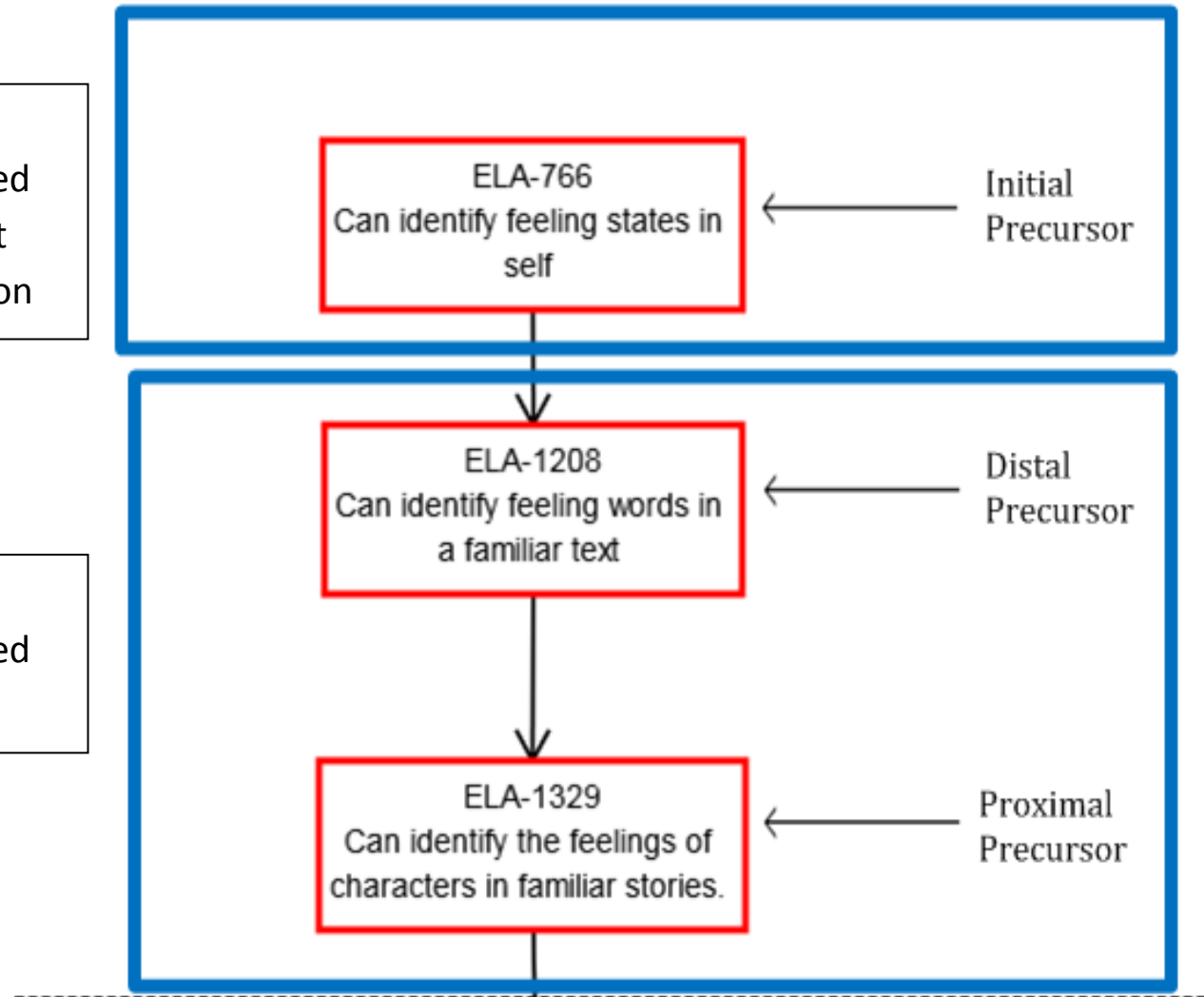
Feelings of Characters

EE.RL.3.3-Identify the feelings of characters in a story.

ELA.EE.RL.3.3
Identify the feelings of the characters in a story

Items
Embedded
and/or at
Conclusion

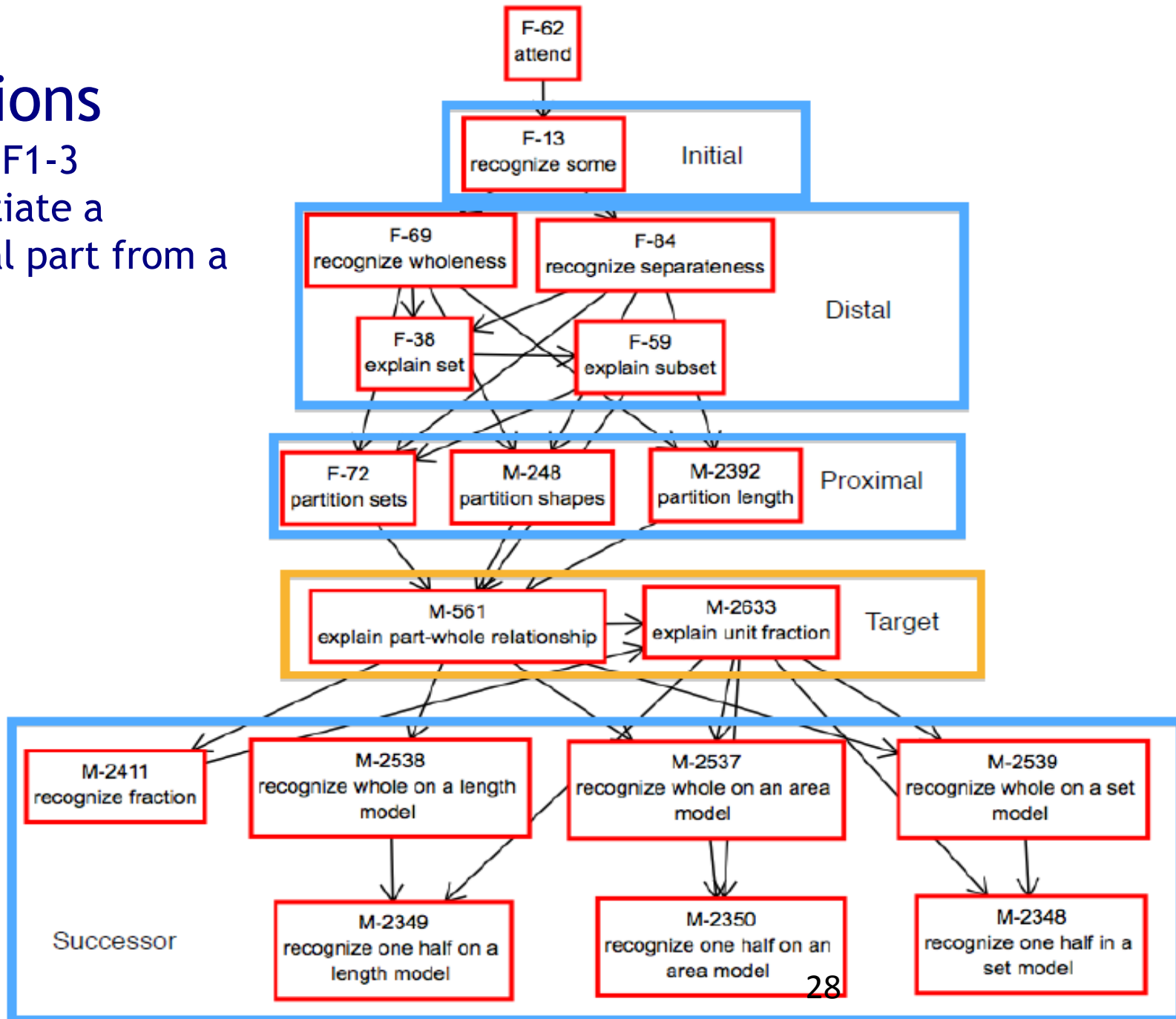
Items
Embedded
in Text



Fractions

M.EE.3.NF1-3

Differentiate a fractional part from a whole





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<http://dynamiclearningmaps.org>

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Test Security in the Dynamic Learning Maps Alternate Assessment

Required Training
Module 2

Learning Objectives

- Test Security
- DLM Security Agreement
- Maintaining integrity during the assessment process
- Violations of test security

Secure Testlets

- ALL Dynamic Learning Maps Assessments are secure tests
- ALL items are secure

Test Security Standards

Test Security Standard 1

Assessments or testlets are
NOT to be stored or saved
on computers or personal
storage devices.

Test Security Standard 2

Assessments or testlets are NOT to be shared via email or other file sharing systems.

Test Security Standard 3

Assessments or testlets
are NOT to be
reproduced by any
means.

Test Security Standard 4

Assessments or testlets
are NOT to be printed.

See

Test Administration Manual

for full test security standards

DLM Security Agreement

- All educators complete it
- Security Agreement will be renewed every year
- Agreement with the terms is required for those who administer tests

DLM Security Agreement

The Dynamic Learning Maps (DLM) Alternate Assessment provides opportunities for flexible assessment administration. However, all DLM assessments – including instructionally embedded assessments chosen by the teacher and delivered during the year – are secure tests.

Test administrators and other educational staff who support DLM implementation are responsible for following the DLM test security standards:

1. Assessments (testlets) are not to be stored or saved on computers or personal storage devices; shared via email or other file sharing system; or reproduced by any means.
2. Except where explicitly allowed as described in the Test Administration Manual, electronic materials used during assessment administration may not be printed.
3. Those who violate the DLM test security standards may be subject to their state's regulations or state education agency policy governing test security.
4. Educators are encouraged to use resources provided by DLM, including practice activities and released testlets, to prepare themselves and their students for the assessments.

Questions about security expectations should be directed to the local DLM Assessment Coordinator.

I have read this security agreement and agree to follow the standards.

I have read this security agreement and DO NOT agree to follow the standards.

Integrity

- Cheating does NOT benefit the test administrator or the student
- Use practice activities and released testlets to help prepare for the assessment and know your student's current academic level

Violations of Test Security

- States have requirements for both test security and data security
- May be subject to their state's regulations or state education agency policies governing test security



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