

Multiple Pathways to Literacy: The Dynamic Learning Maps Alternate Assessment System

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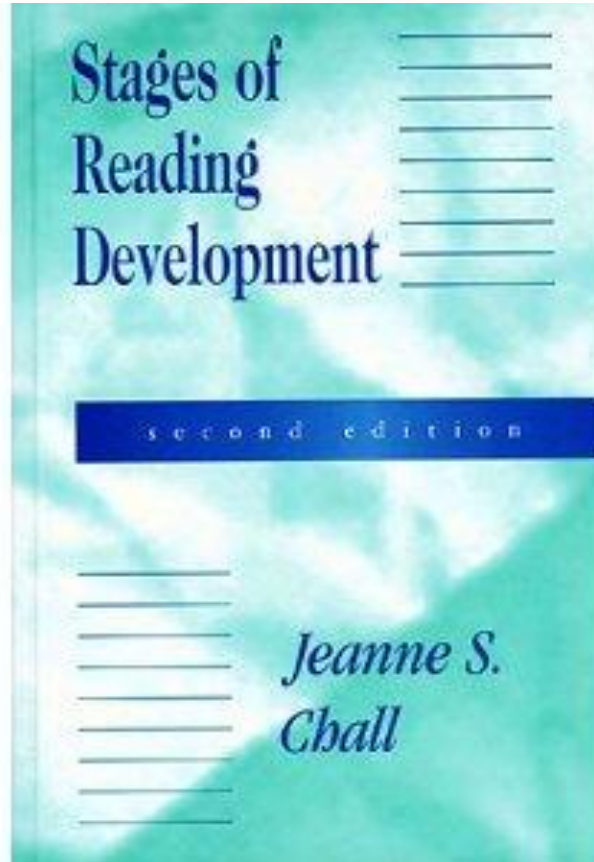
DYNAMIC
LEARNING MAPS

Session Overview

- Traditional **Assumptions** about Literacy
- **Background** - what is the DLM-AAS?
- How was the DLM-AAS **developed**?
- **New Approach** - how will the DLM-AAS use multiple pathways to assess ELA skills?

Traditional **Assumptions**

Stages of Reading Development



Stage 0 - Pre-reading

Stage 1 - Initial Reading

Stage 2 - Confirmation & Fluency

Stage 3 - Reading for Learning the New

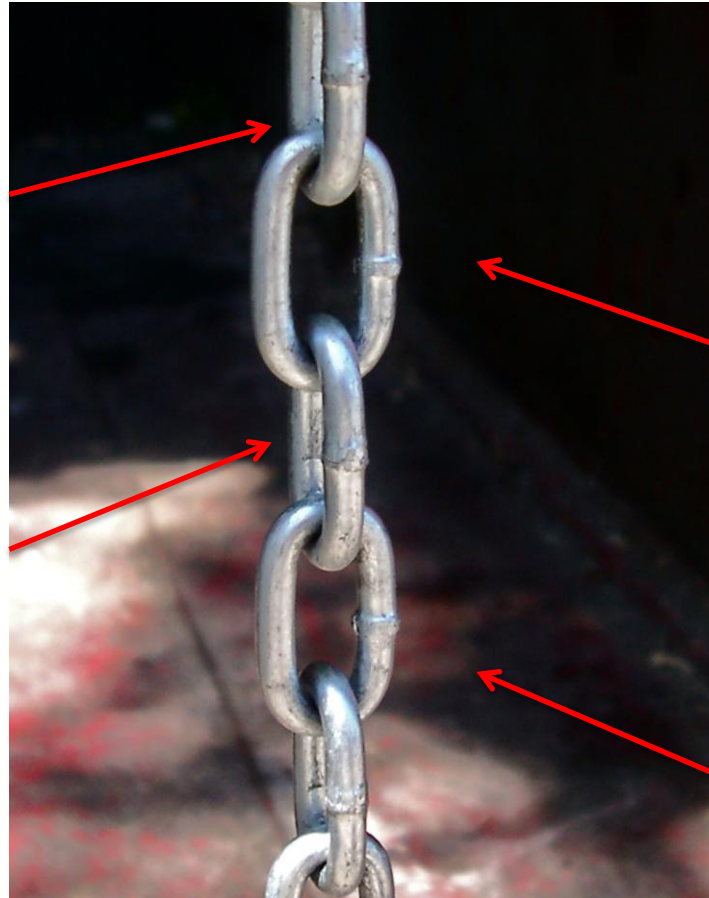
Stage 4 - Multiple Viewpoints

Stage 5 - Construction & Reconstruction

Phases of Sight Word Reading

Consolidated
Alphabetic

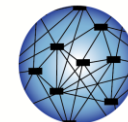
Partial Alphabetic



Full Alphabetic

Pre-alphabetic

Ehri, 2001

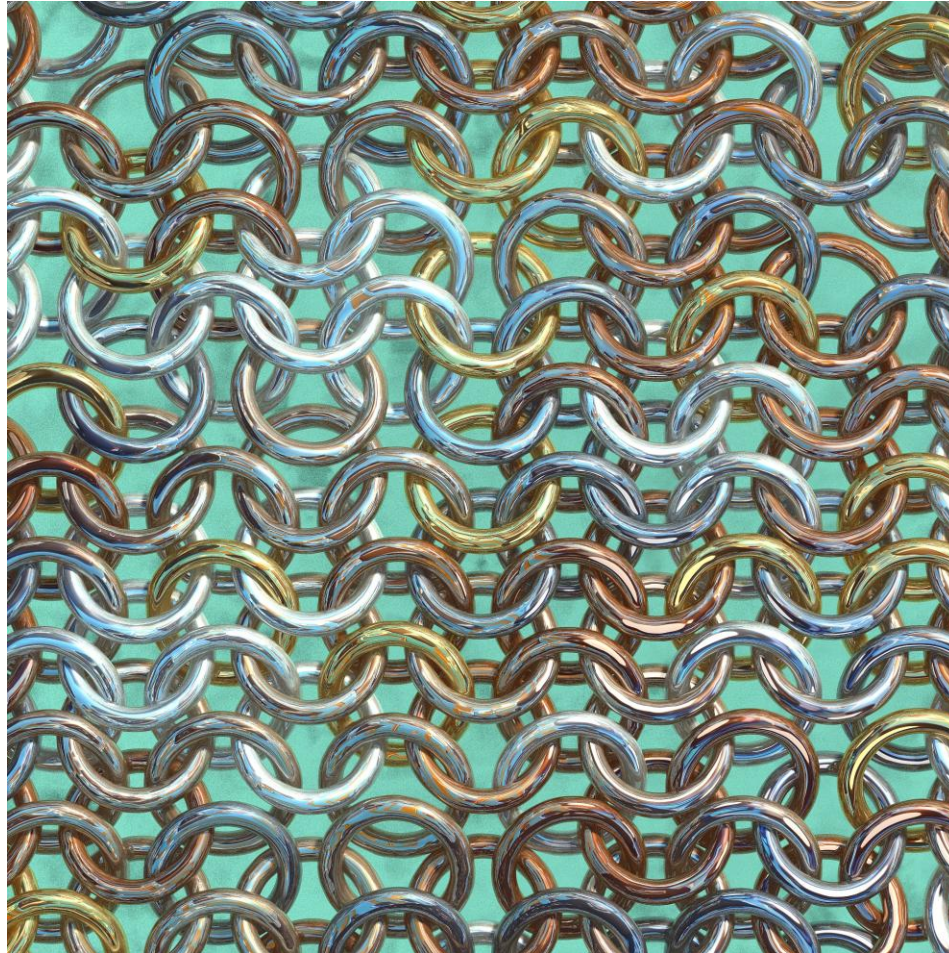


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What about students who don't follow a linear trajectory?



Enter DLM...A new approach to Alternate Assessment



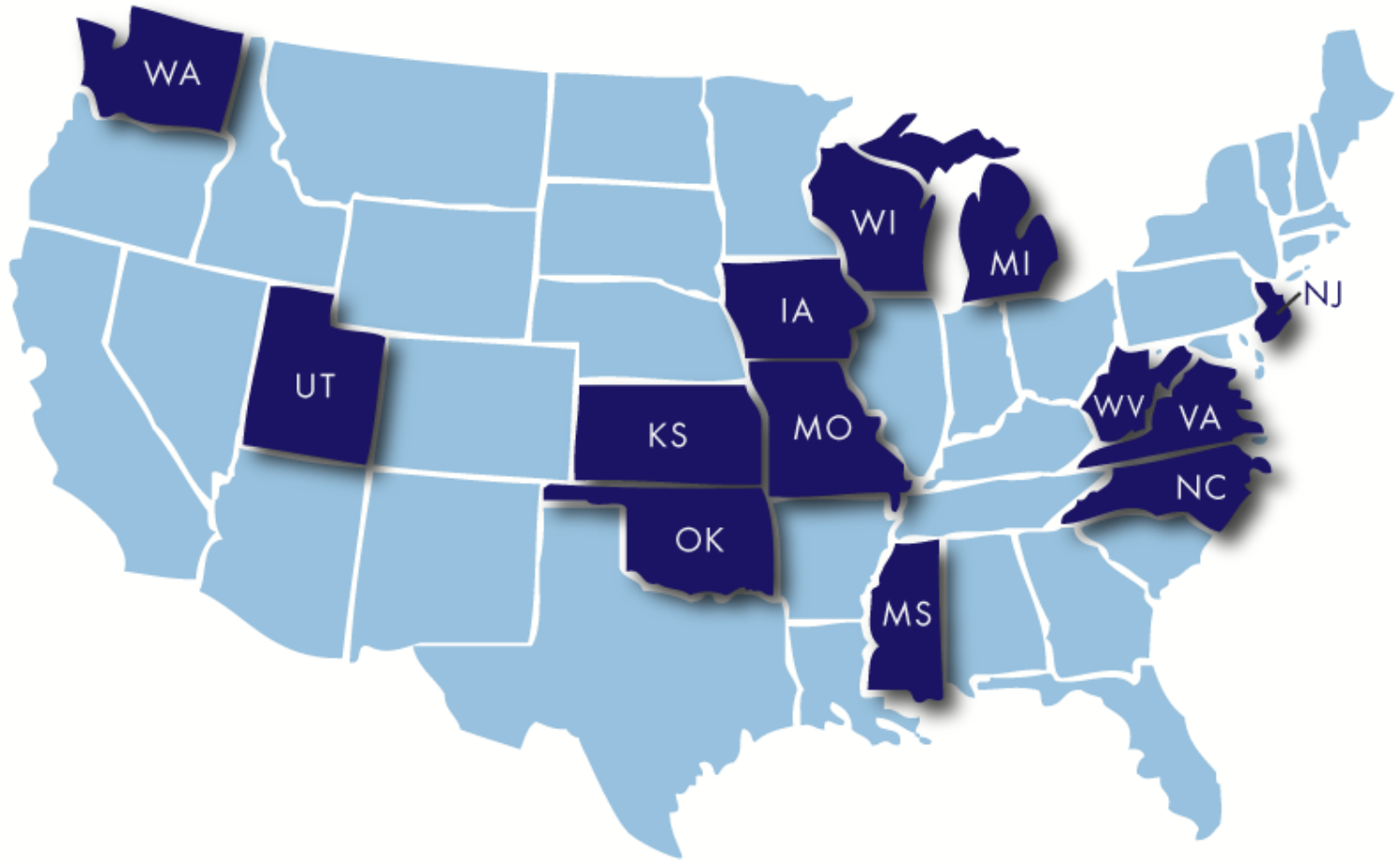
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Background

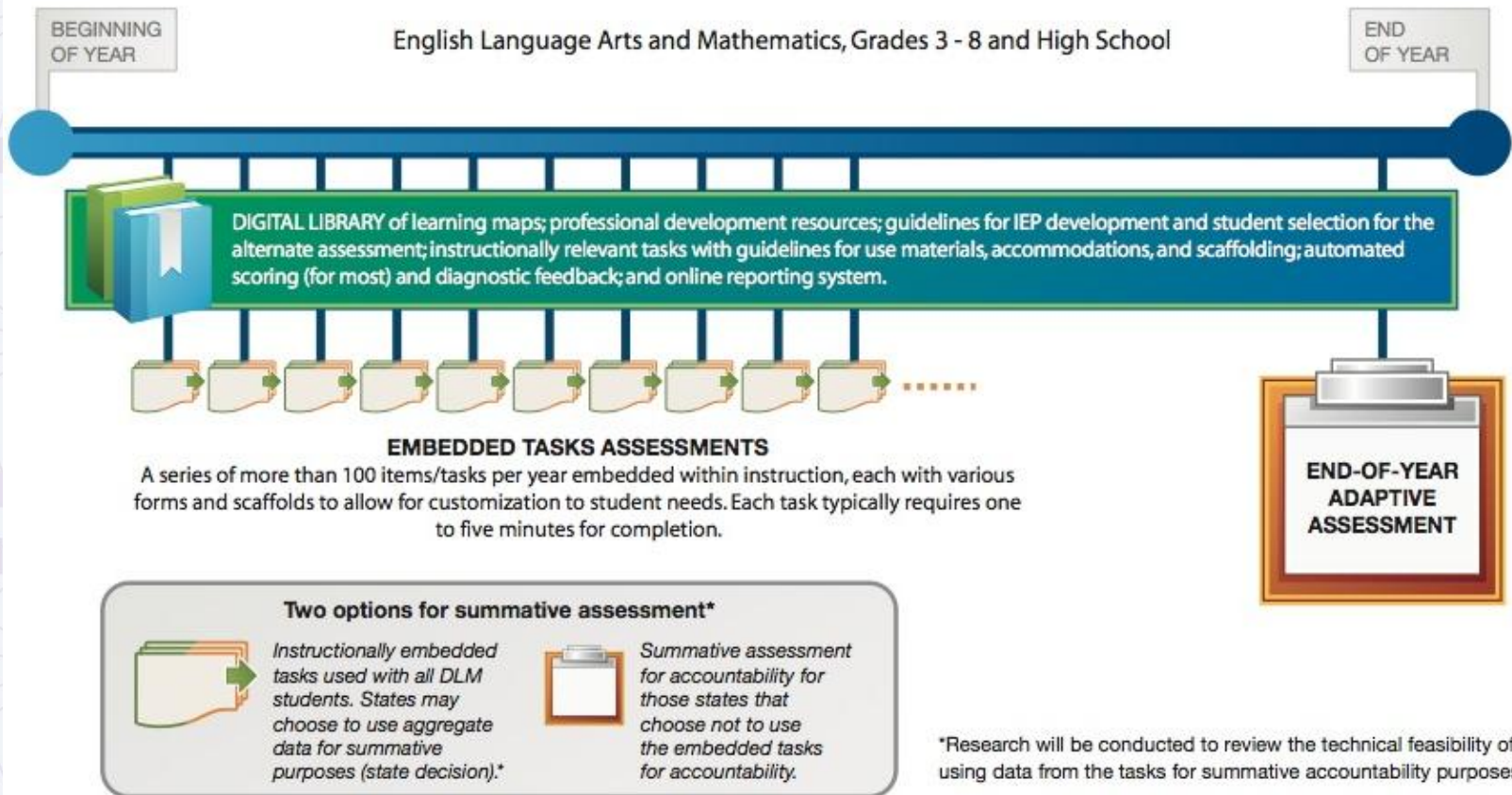
What is the DLM-AAS?

DLM State Participants



Overview of Dynamic Learning Maps

DLM Assessment System



Overview of Dynamic Learning Maps

Learning Map Development

Dynamic Learning Maps Alternate Assessment System Timeline



Why are we doing this?

Linear Progression

Centralizes notion of
“superhighway”



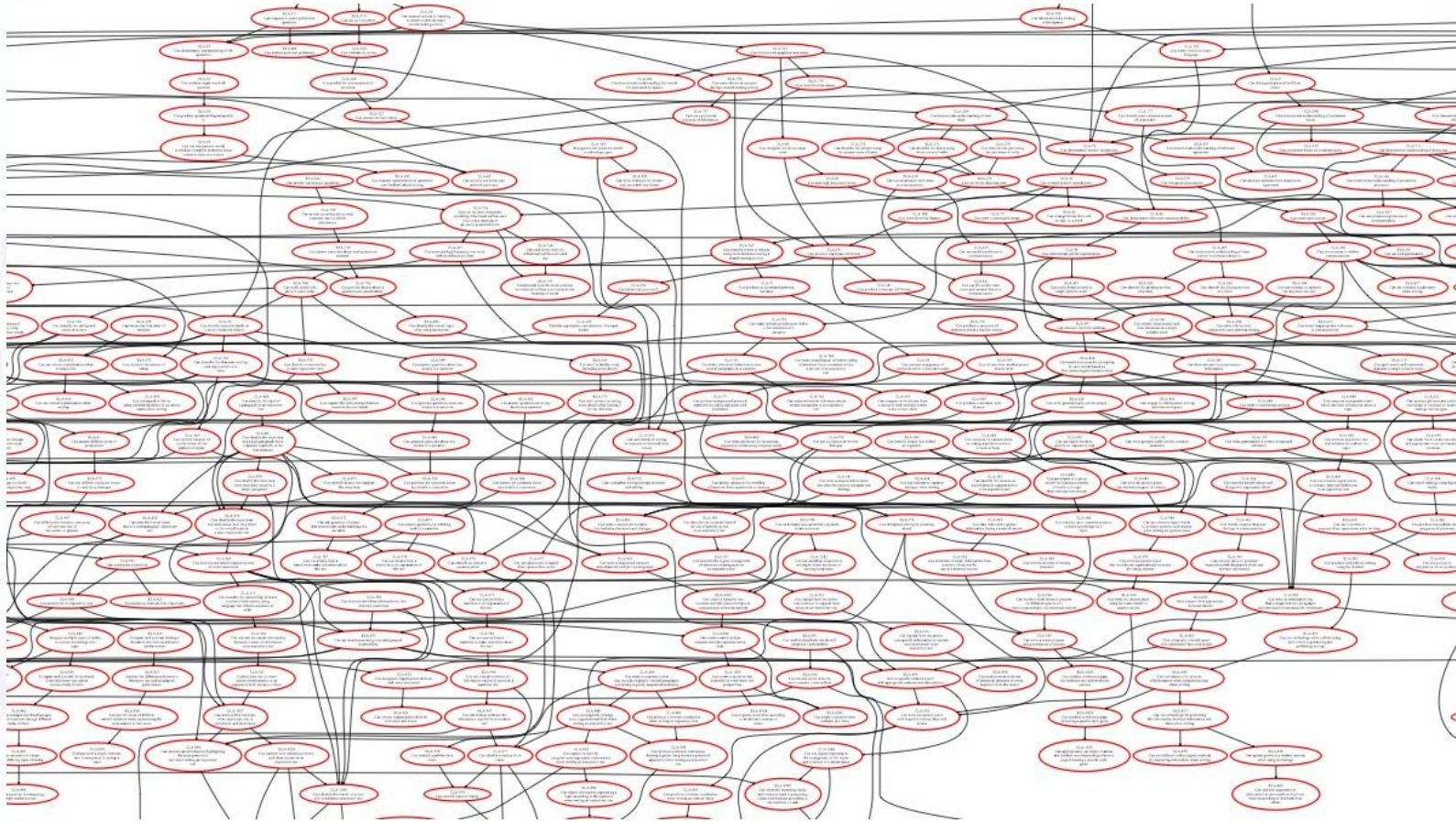
Learning Map

Delineates *multiple*
pathways

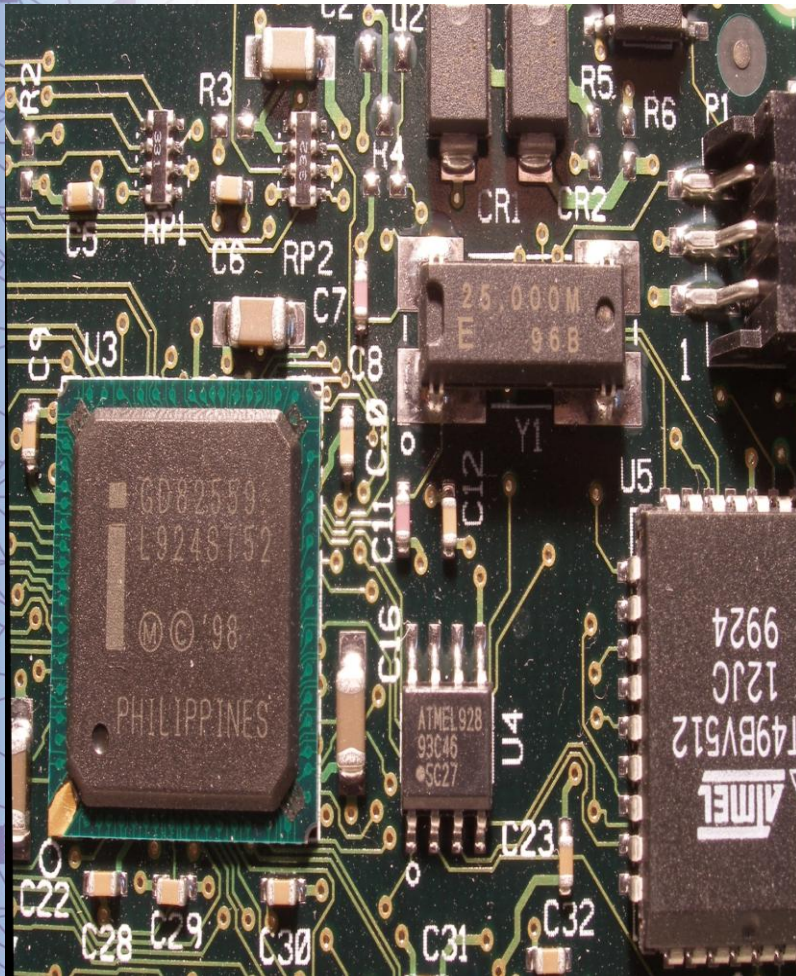


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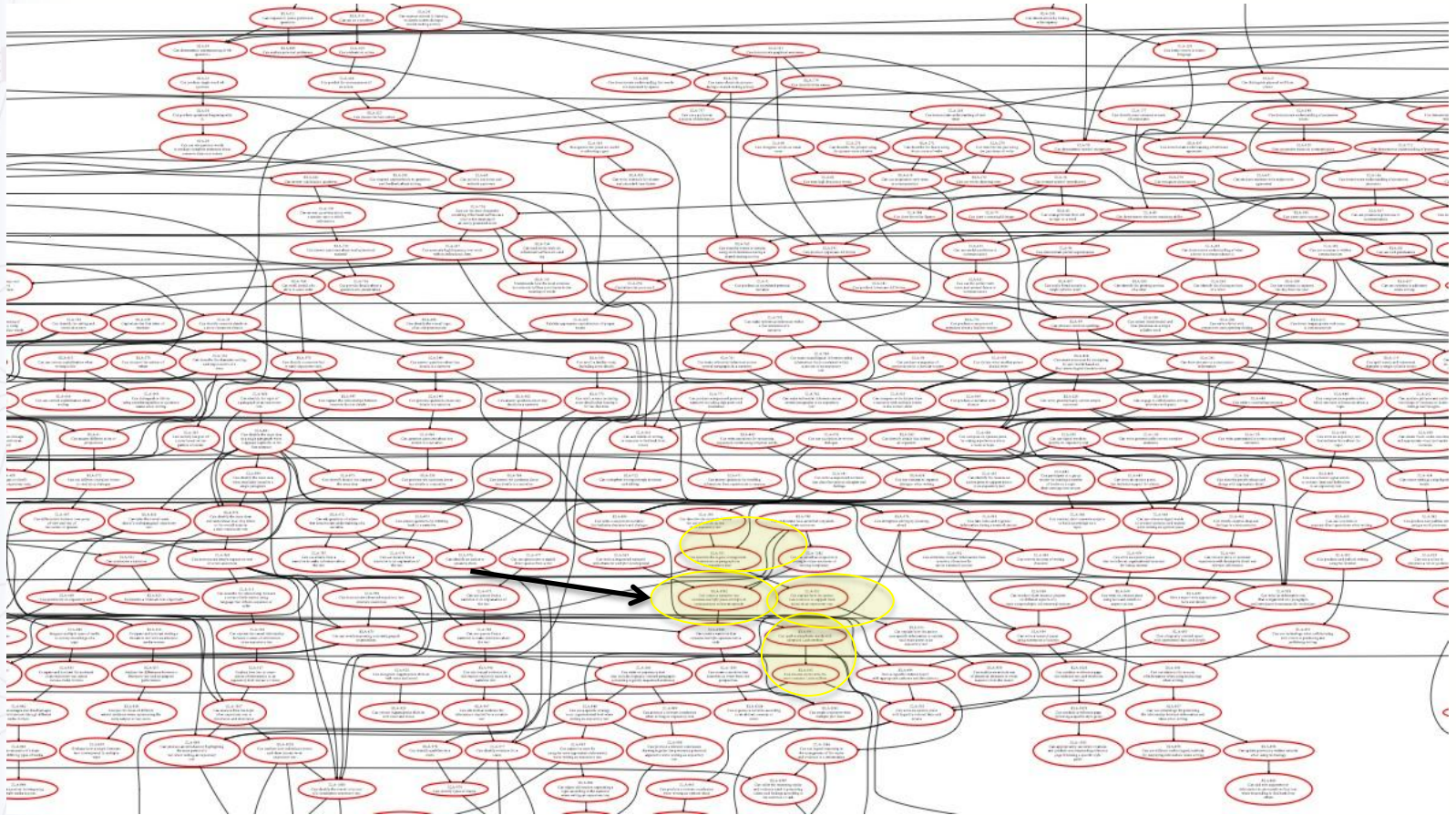
The Map (a portion)



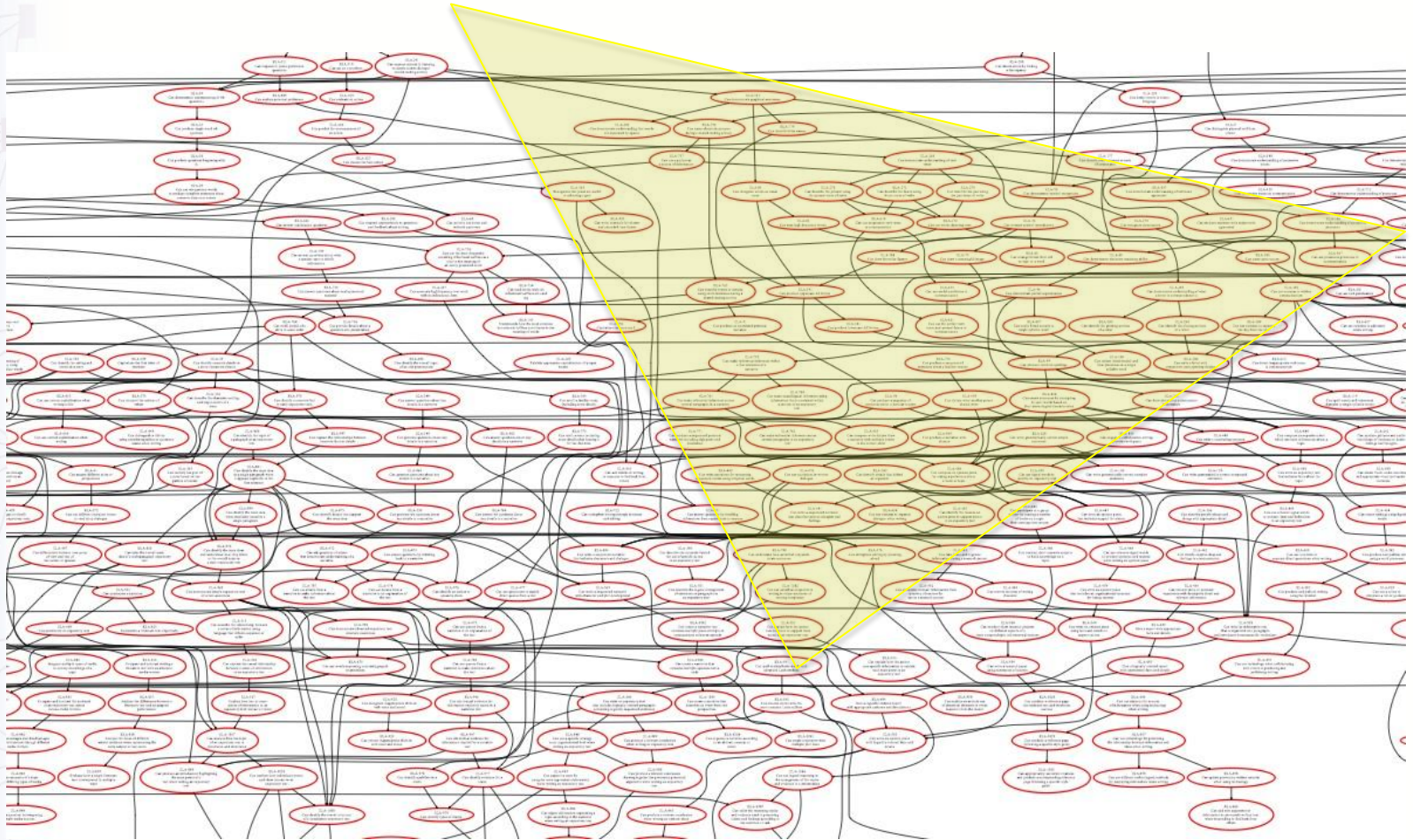
Maps are an internal system



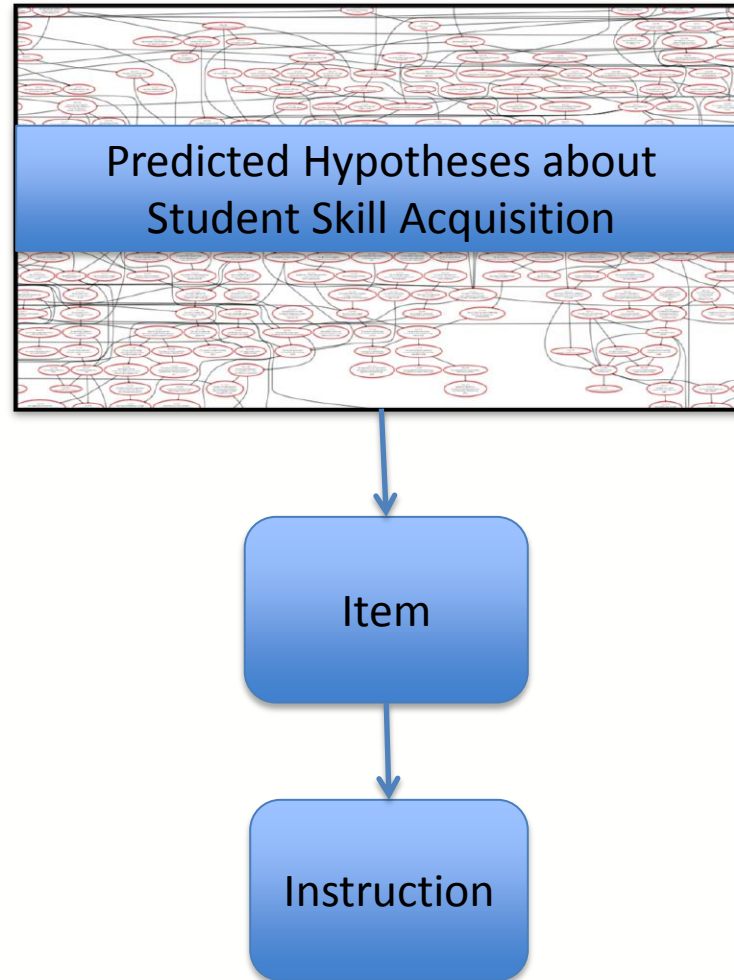
Map Drives the Assessment



Bayes-net Inference



Why the focus on learning maps?



Map Development

Multi-Disciplinary Team Completes the Following:

1. Review of Literature
2. Node Development
3. Connection Placement
4. Review by Experts

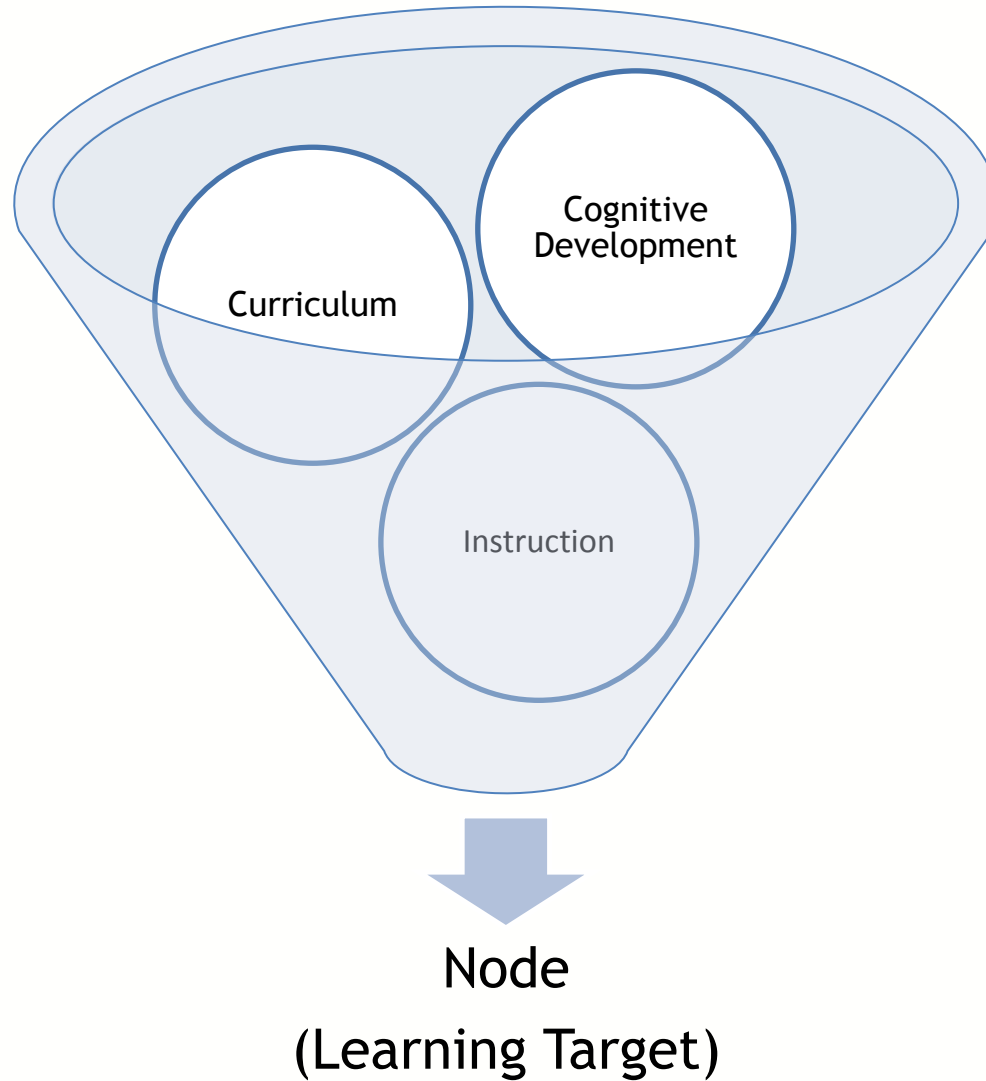


1. Review of Literature

- ✓ Identify seminal literature
- ✓ Synthesize literature with expert knowledge



2. Node Development



COMMON CORE STATE STANDARDS FOR

English Language Arts
&
Literacy in History/Social Studies,
Science, and Technical Subjects



3. Connection Placement

Connection = predicted relationship between skills

- ✓ Single direction
- ✓ Multiple connections
- ✓ Represents integrated approach to skill development



4. Map Reviews



K-5 Educator Map Review
September 2011

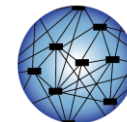
6-12 Educator Map Review
January 2012

Special Educator Map Review
June 2012

Beginning of Map Development
Jan 2011

Expert Map Review
September 2012

Map Development



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K-5 Educator Map Review
September 2011

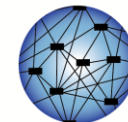
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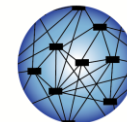
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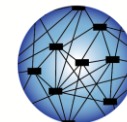
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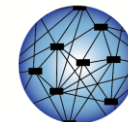
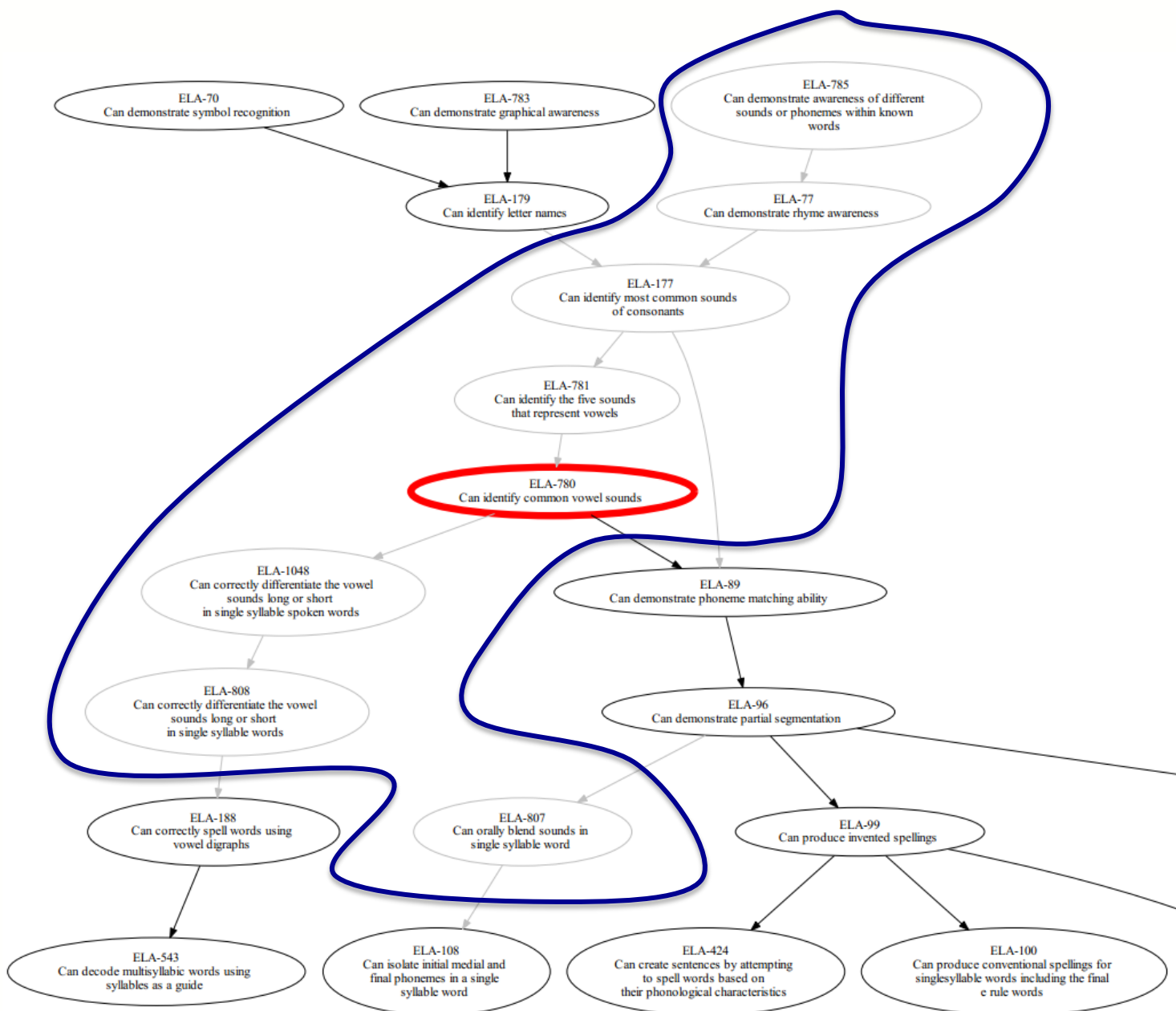
Expert Map Review
September 2012

Map Development

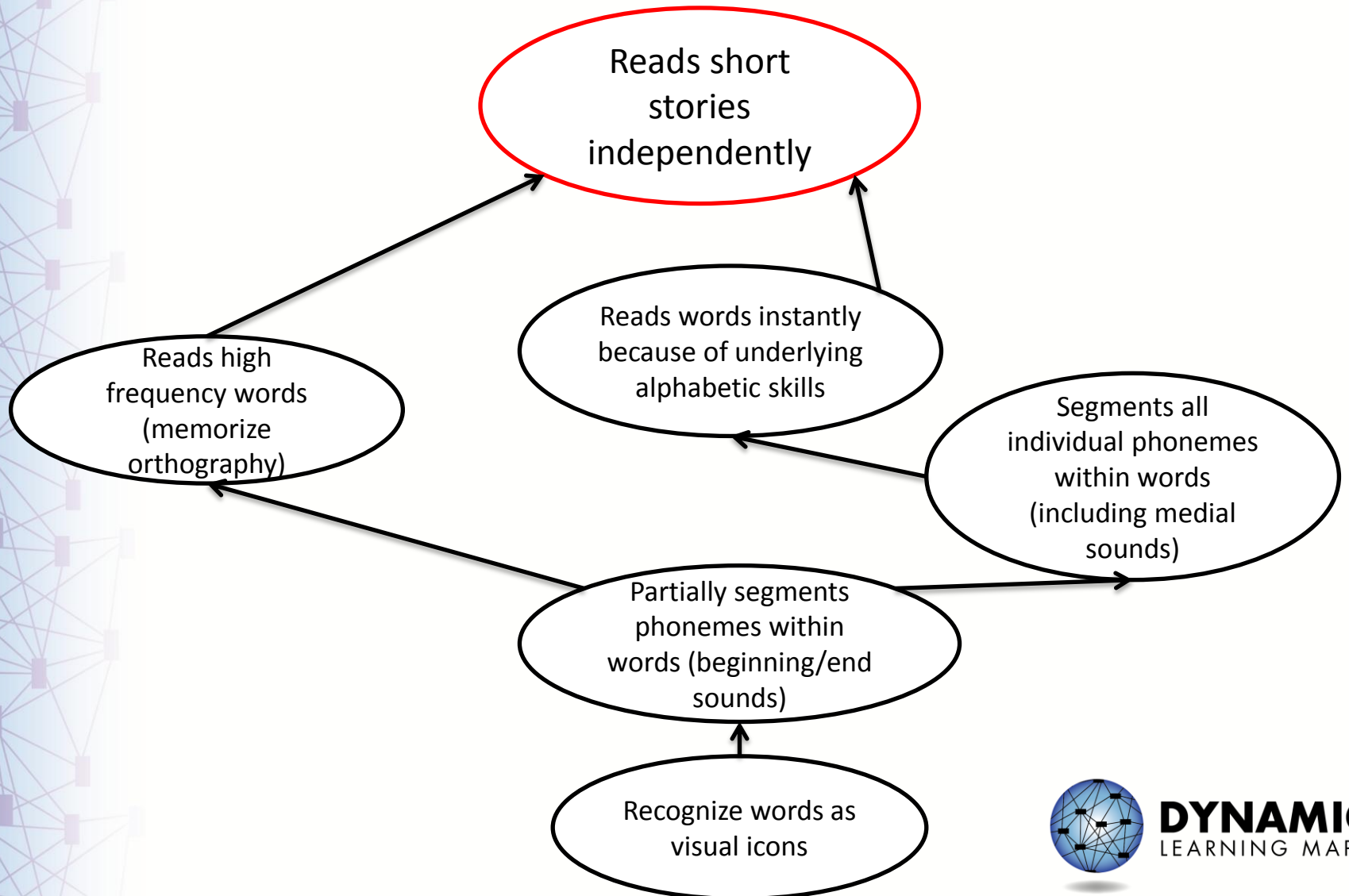


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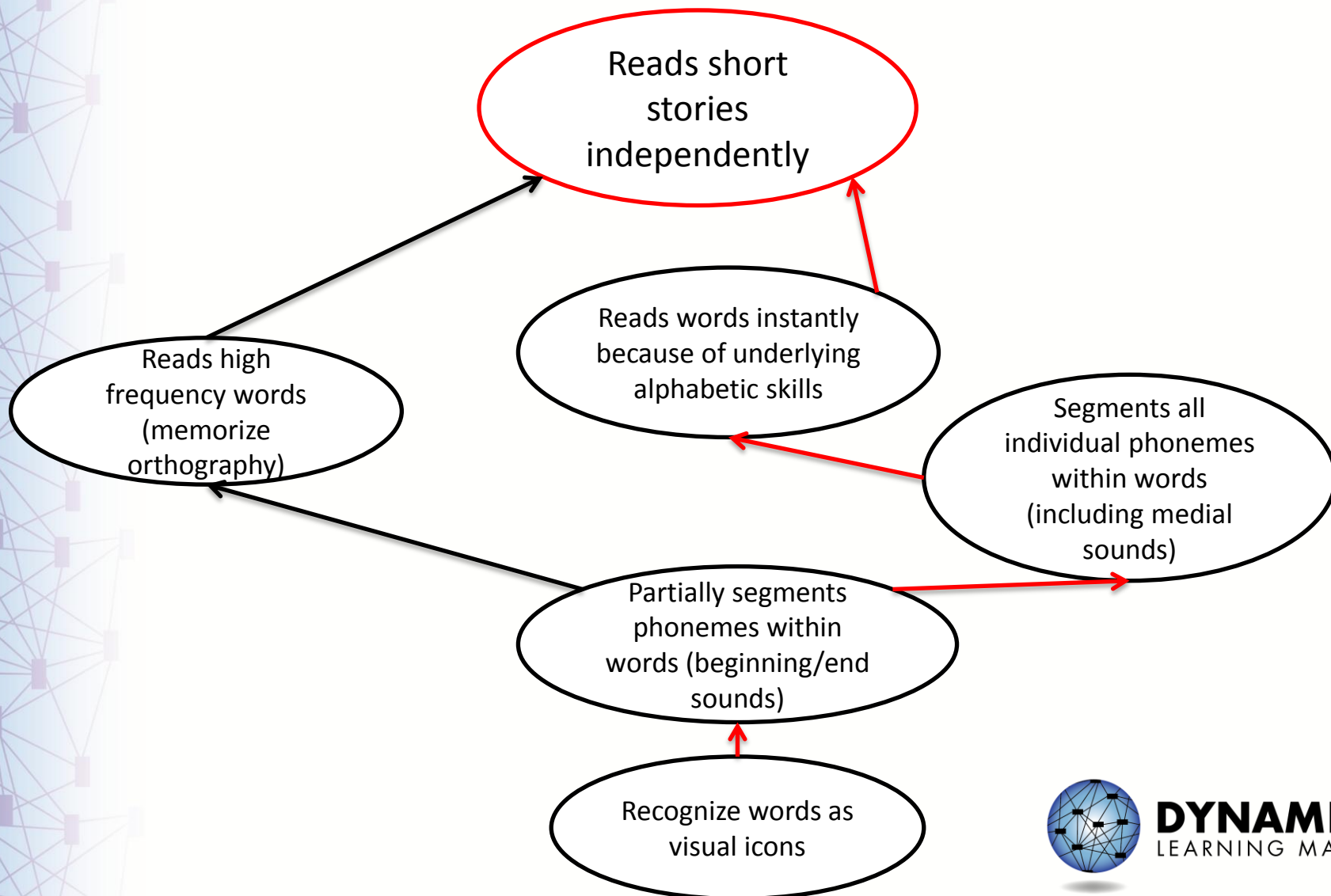
A New **Approach** - Multiple and Alternate Paths



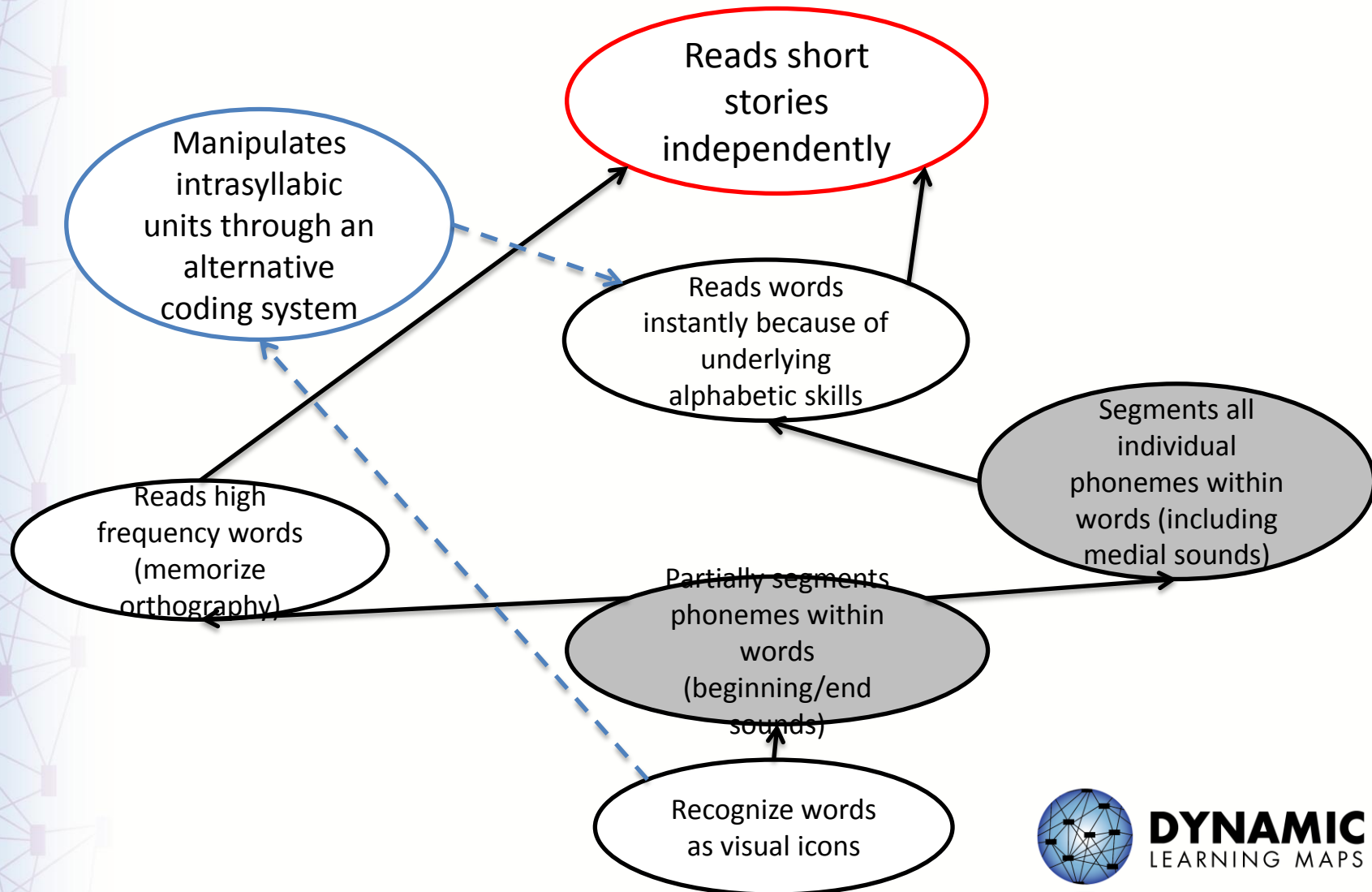
Routes to Skills Acquisition



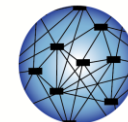
Multiple Routes within Typical Development



An Alternate Route (Deaf/hard of hearing)



Dynamic Learning Maps Alternate Assessment System Timeline





THANK YOU!

For more information

Go to: www.dynamiclearningmaps.org

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