



DYNAMIC LEARNING MAPS ESSENTIAL ELEMENTS

Aligned to Nodes

FOR

English Language Arts

AND Mathematics

Grades 3 – High School

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Dynamic Learning Maps Consortium (2013). *Dynamic Learning Maps Essential Elements for English Language Arts*. Lawrence, KS: University of Kansas.

and

Dynamic Learning Maps Consortium (2013). *Dynamic Learning Maps Essential Elements for Mathematics*. Lawrence, KS: University of Kansas.

This is a partial document and contains only the Essential Elements (EEs) with Nodes that were developed for field test 1, 2 and 3. Additional nodes will be available in fall 2014.

The first page shows the aligned Alaska standards, EE, and Nodes from the Learning Map. The second page of each EE shows the Learning Map view of EE with all the skills on the path to the target Essential Element.

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Grade 3 Reading and Math



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

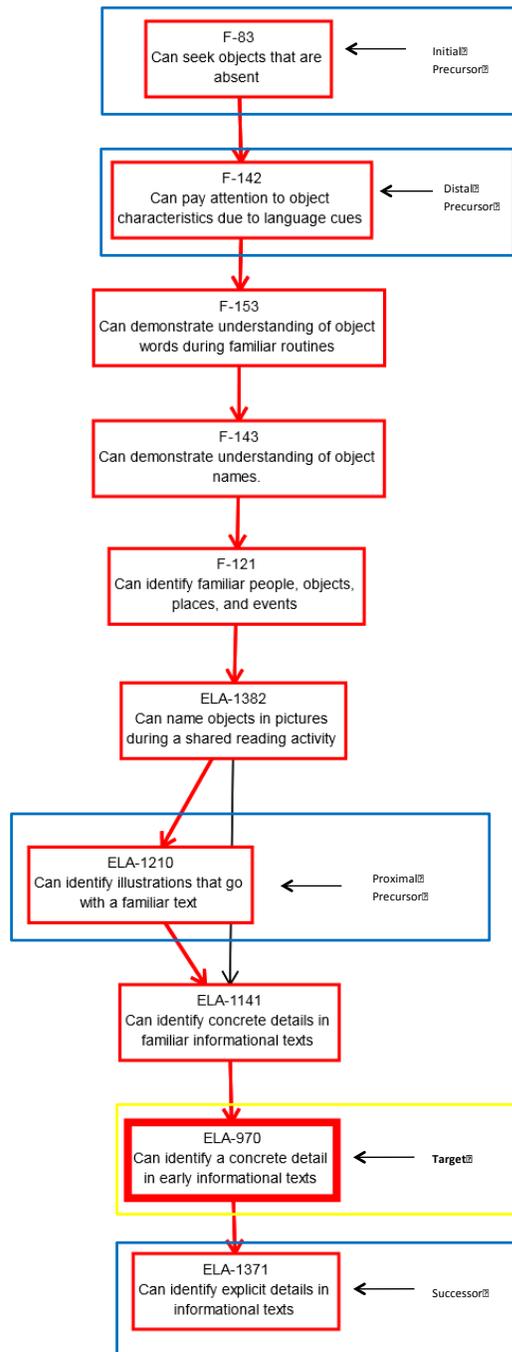
ELA: 3RD GRADE ELA.EE.RI.3.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.3.2 Determine the main idea of a text; recount the key details and explain how they support the main idea.</p>	<p>ELA.EE.RI.3.2 Identify details in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify explicit details in informational texts <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify a concrete detail in early informational texts <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify illustrations that go with a familiar text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can pay attention to object characteristics due to language cues <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can seek objects that are absent

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ELA.EE.RI.3.2- Identify details in a text.



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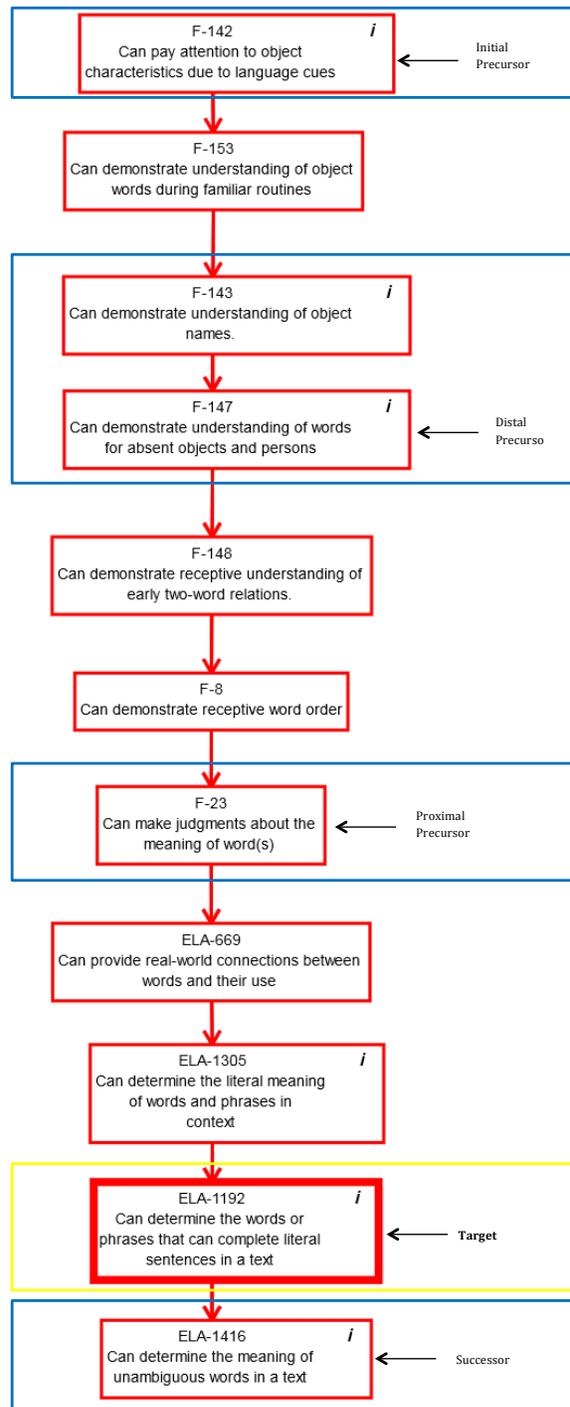
ELA: 3RD GRADE ELA.EE.RI.3.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.3.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.</p>	<p>ELA.EE.RI.3.4 Determine words and phrases that complete literal sentences in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of unambiguous words in a text <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can make judgments about the meaning of word(s) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names (<i>supporting node</i>) • Can demonstrate understanding of words for absent objects and persons <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can pay attention to object characteristics due to language cues

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ELA.EE.RI.3.4-Determine words and phrases that complete literal sentences in a text.



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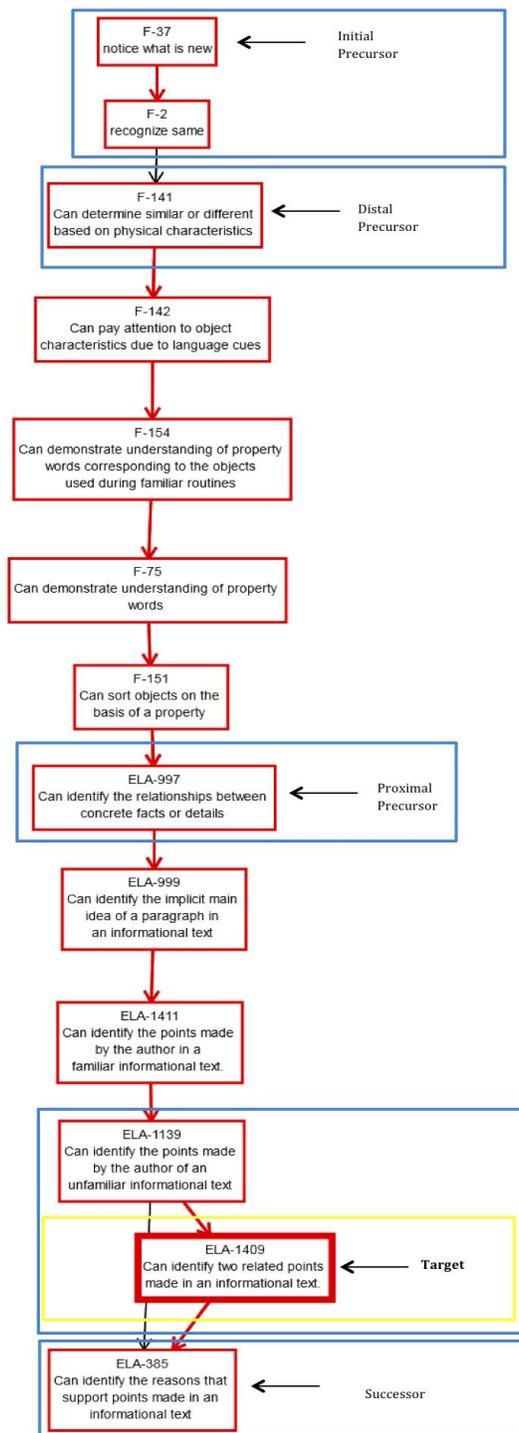
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 3RD GRADE

ELA.EE.RI.3.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.3.8 Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).</p>	<p>ELA.EE.RI.3.8 Identify two related points the author makes in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the reasons that support points made in an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can identify the points made by the author of an unfamiliar informational text (<i>supporting node</i>) • Can identify two related points made in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the relationships between concrete facts or details <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can determine similar or different based on physical characteristics <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same (<i>supporting node</i>) • Notice what is new

ELA.EE.RI.3.8- Identify two related points the author makes in an informational text.



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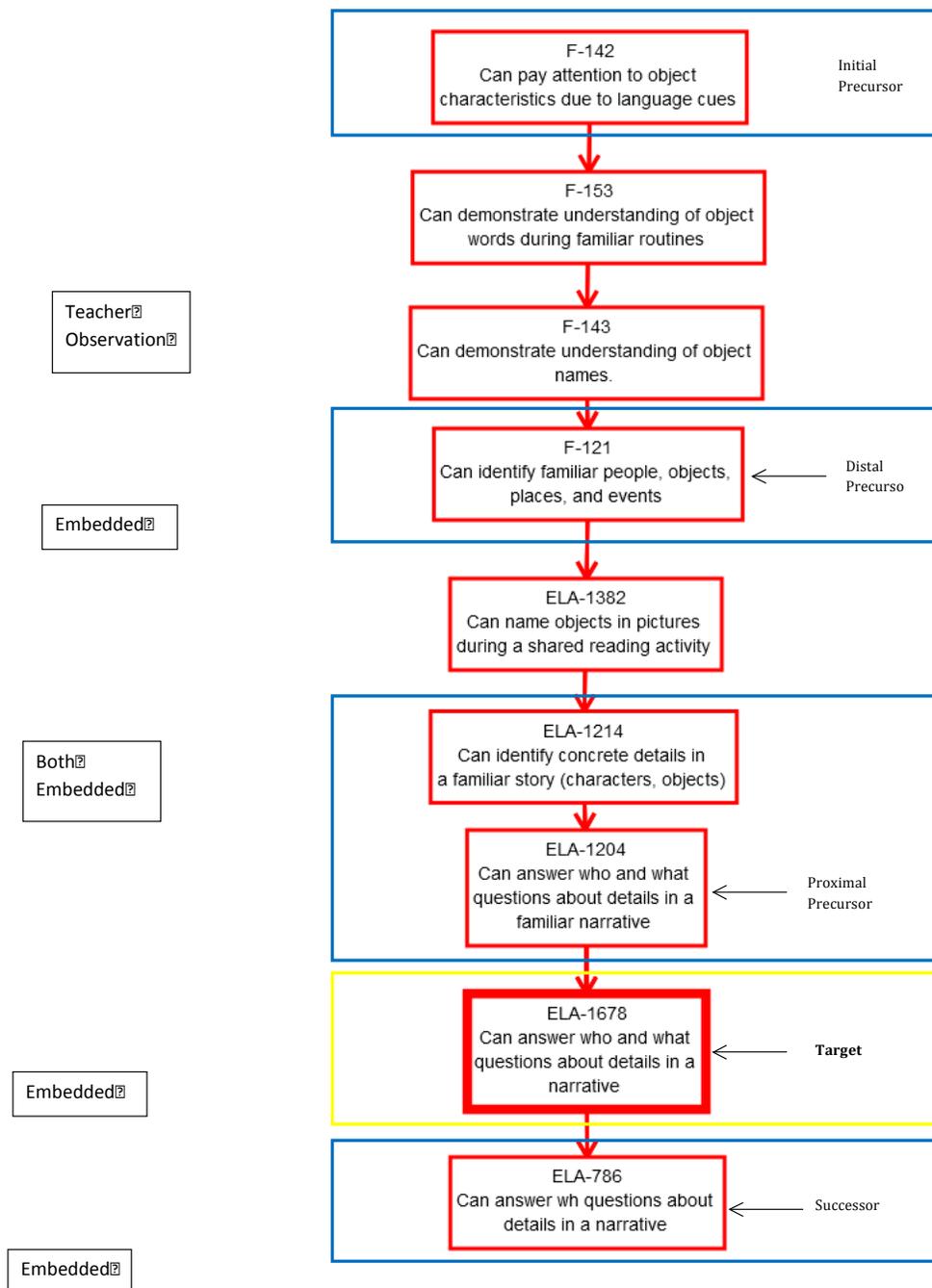


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 3RD GRADE ELA.EE.RL.3.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.3.1 Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.</p>	<p>ELA.EE.RL.3.1 Answer who and what questions to demonstrate understanding of details in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can answer wh questions about details in a narrative <p>Target Node:</p> <ul style="list-style-type: none"> • Can answer who and what questions about details in a narrative <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (characters, objects) (<i>supporting node</i>) • Can answer who and what questions about details in a familiar narrative <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can pay attention to object characteristics due to language cues

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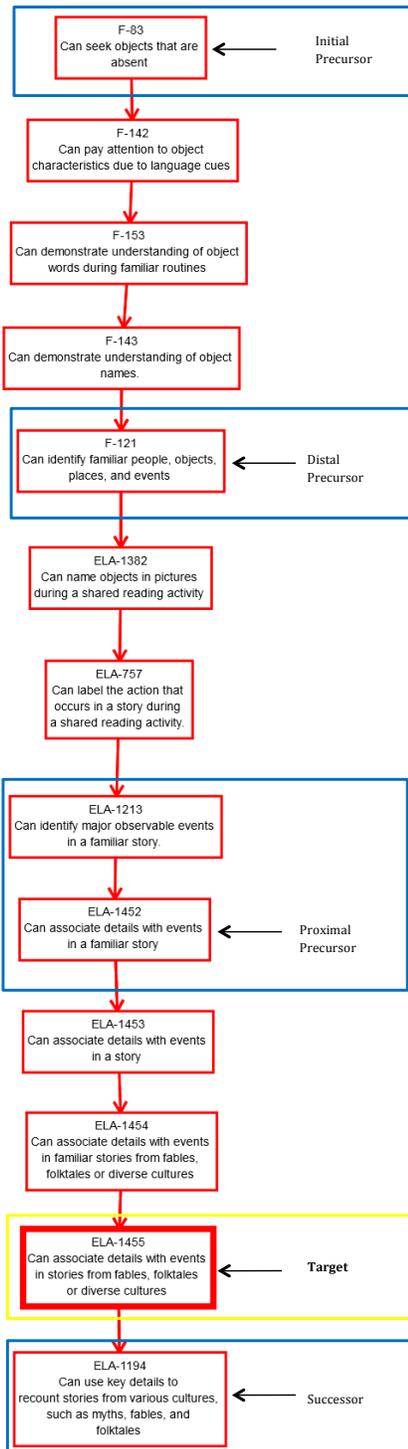


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 3RD GRADE ELA.EE.RL.3.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.3.2 Recount stories, including fables, folktales, and myths from diverse cultures; determine the central message, lesson, or moral and explain how it is conveyed through key details in the text.</p>	<p>ELA.EE.RL.3.2 Associate details with events in stories from diverse cultures.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can use key details to recount stories from various cultures, such as myths, fables, and folktales <p>Target Node:</p> <ul style="list-style-type: none"> • Can associate details with events in stories from fables, folktales, or diverse cultures <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify major observable events in a familiar story (<i>supporting node</i>) • Can associate details with events in a familiar story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can seek objects that are absent

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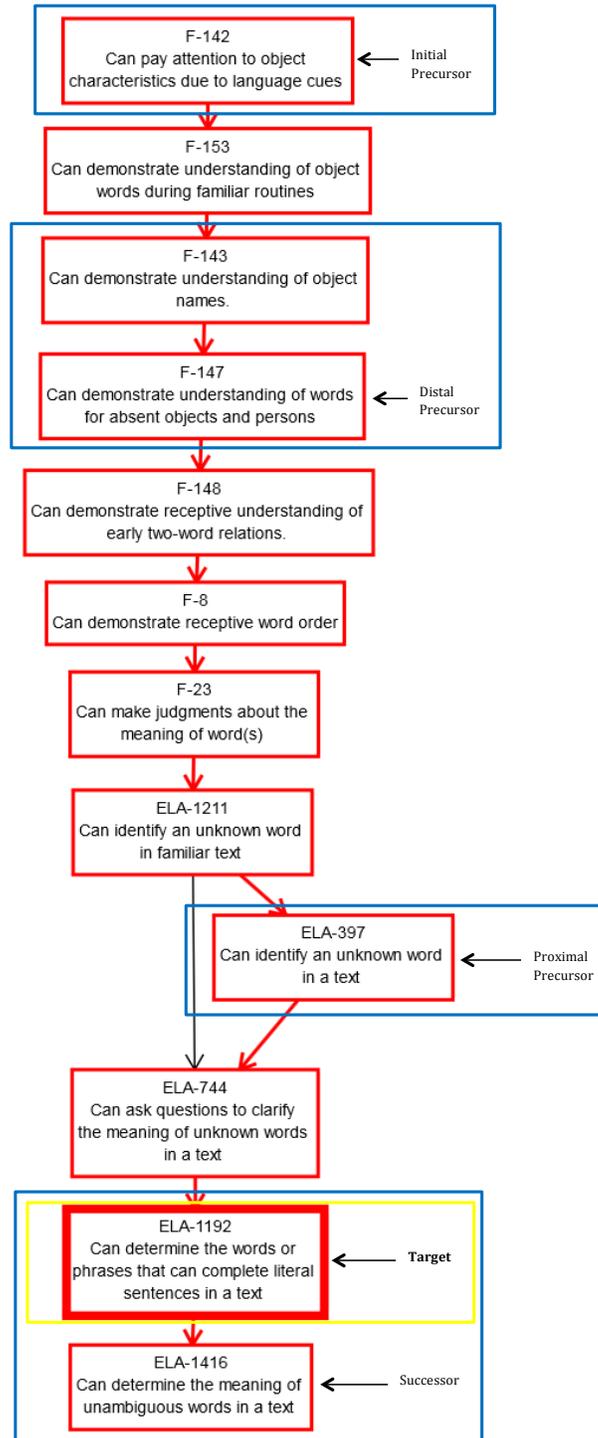


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 3RD GRADE ELA.EE.RL.3.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.3.4 Determine the meaning of words and phrases as they are used in a text, distinguishing literal from non-literal language.</p>	<p>ELA.EE.RL.3.4 Determine words and phrases that complete literal sentences in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of unambiguous words in a text <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify an unknown word in a text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names (<i>supporting node</i>) • Can demonstrate understanding of words for absent objects and persons <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can pay attention to object characteristics due to language cues

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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

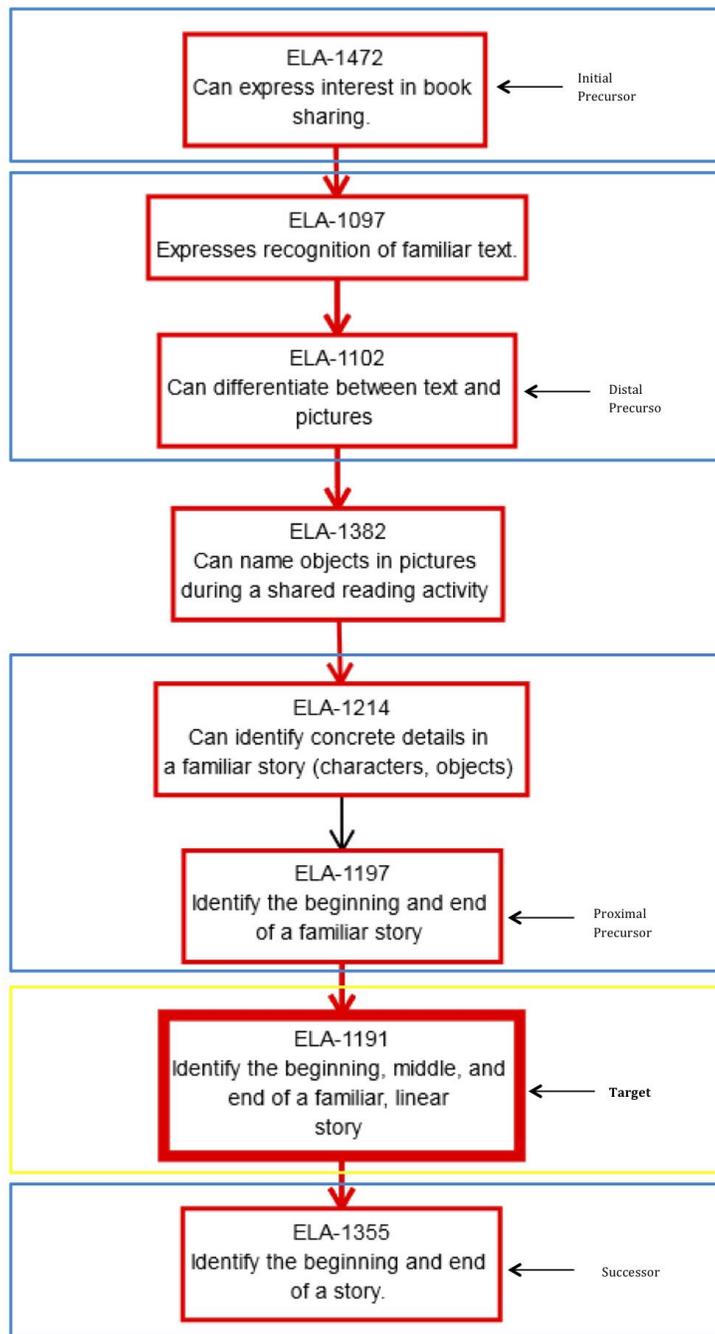
ELA: 3RD GRADE

ELA.EE.RL.3.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.3.5 Refer to parts of stories, dramas, poems when writing or speaking about a text, using terms such as chapter, scene, stanza, describe how each successive part builds on earlier sections.</p>	<p>ELA.EE.RL.3.5 Determine the beginning, middle, and end of a familiar story with a logical order.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Identify the beginning and end of a story <p>Target Node:</p> <ul style="list-style-type: none"> • Identify the beginning, middle, and end of a familiar, linear story <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (character, objects) (<i>supporting node</i>) • Can identify the beginning and end of a familiar story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Expresses recognition of familiar text (<i>supporting node</i>) • Can differentiate between text and pictures <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can express interest in book sharing



ELA.EE.RL.3.5- Determine the beginning, middle, and end of a familiar story with a logical order



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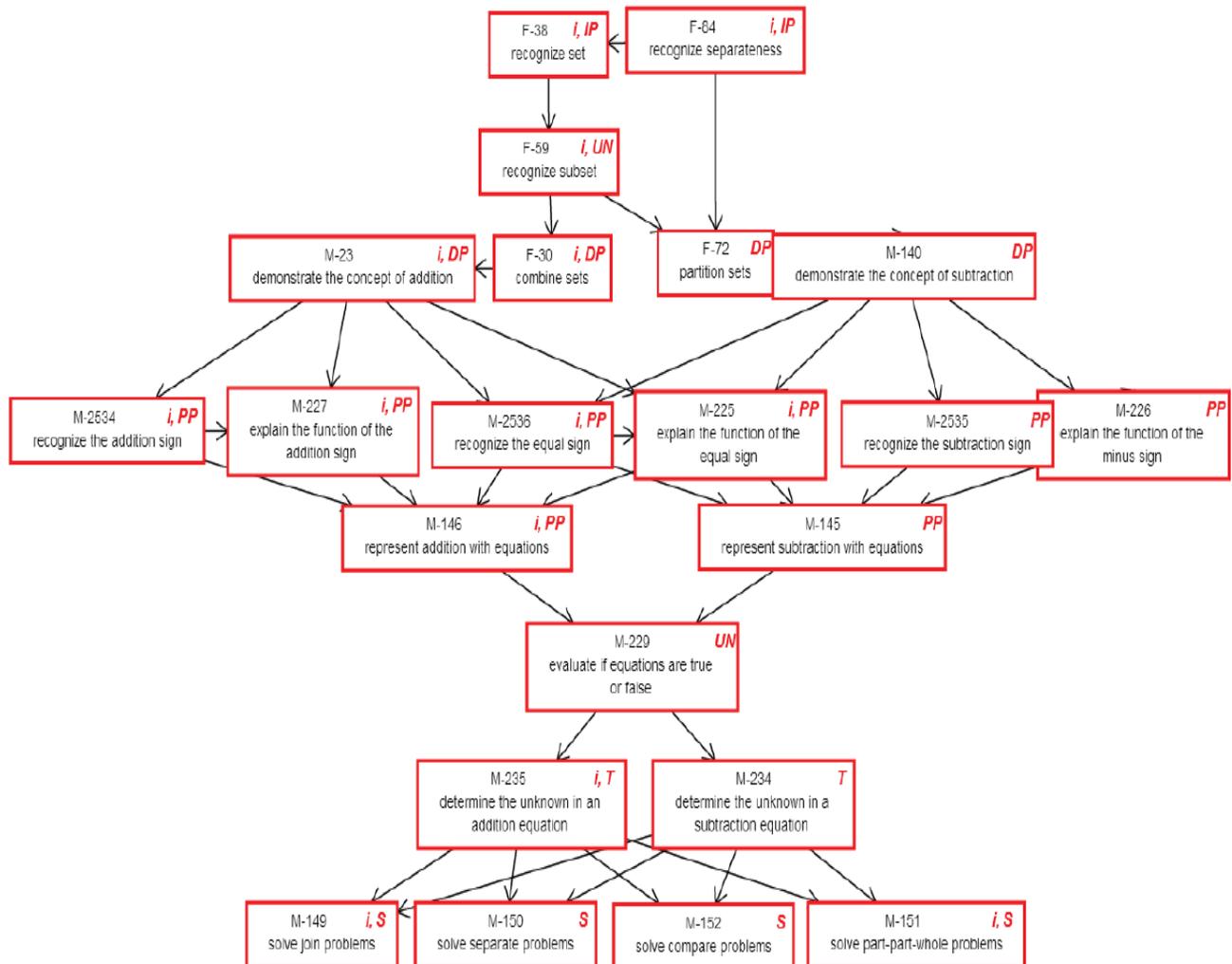
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.OA.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.OA.4</p>	<p>M.EE.3.OA.4 Solve addition and subtraction problems when result is unknown, limited to operands and results within 20.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Solve join problems • Solve part-part-whole problems • Solve compare problems • Solve separate problems <p>Target Nodes:</p> <ul style="list-style-type: none"> • Determine the unknown in a subtraction equation • Determine the unknown in an addition equation <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize the addition sign • Explain the function of the addition sign • Represent addition with equations • Recognize the subtraction sign • Explain the function of the minus sign • Represent subtraction with equations • Recognize the equal sign • Explain the function of the equal sign <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Combine sets • Demonstrate the concept of addition • Partition sets • Demonstrate the concept of subtraction <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set

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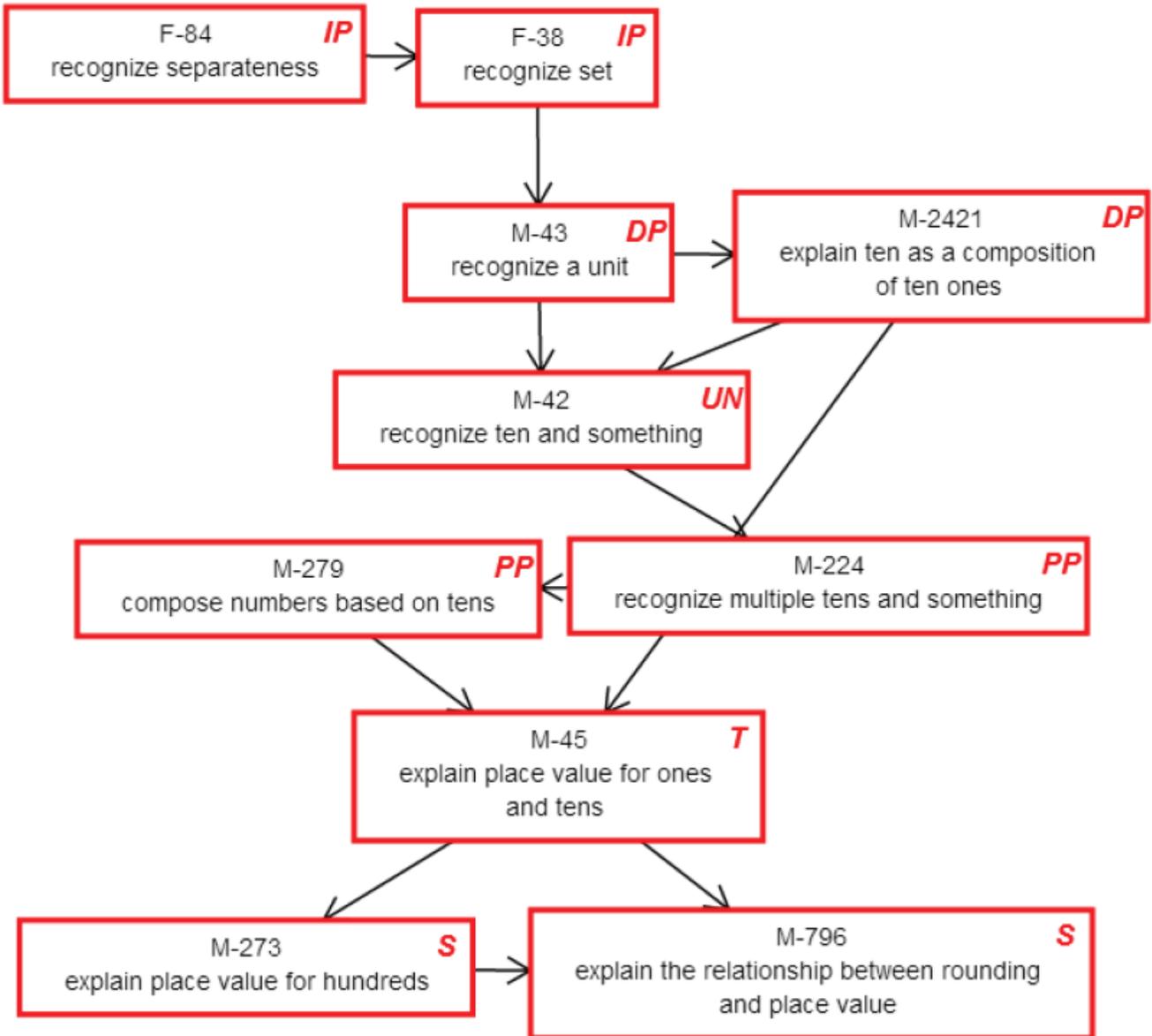
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.NBT.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.NBT.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.</p>	<p>M.EE.3.NBT.2 Demonstrate understanding of place value to tens.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain the relationship between rounding and place value • Explain place value for hundreds <p>Target Nodes:</p> <ul style="list-style-type: none"> • Explain place value for ones and tens <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize multiple tens and something • Compose numbers based on tens <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize a unit • Explain ten as a composition of ten ones <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set

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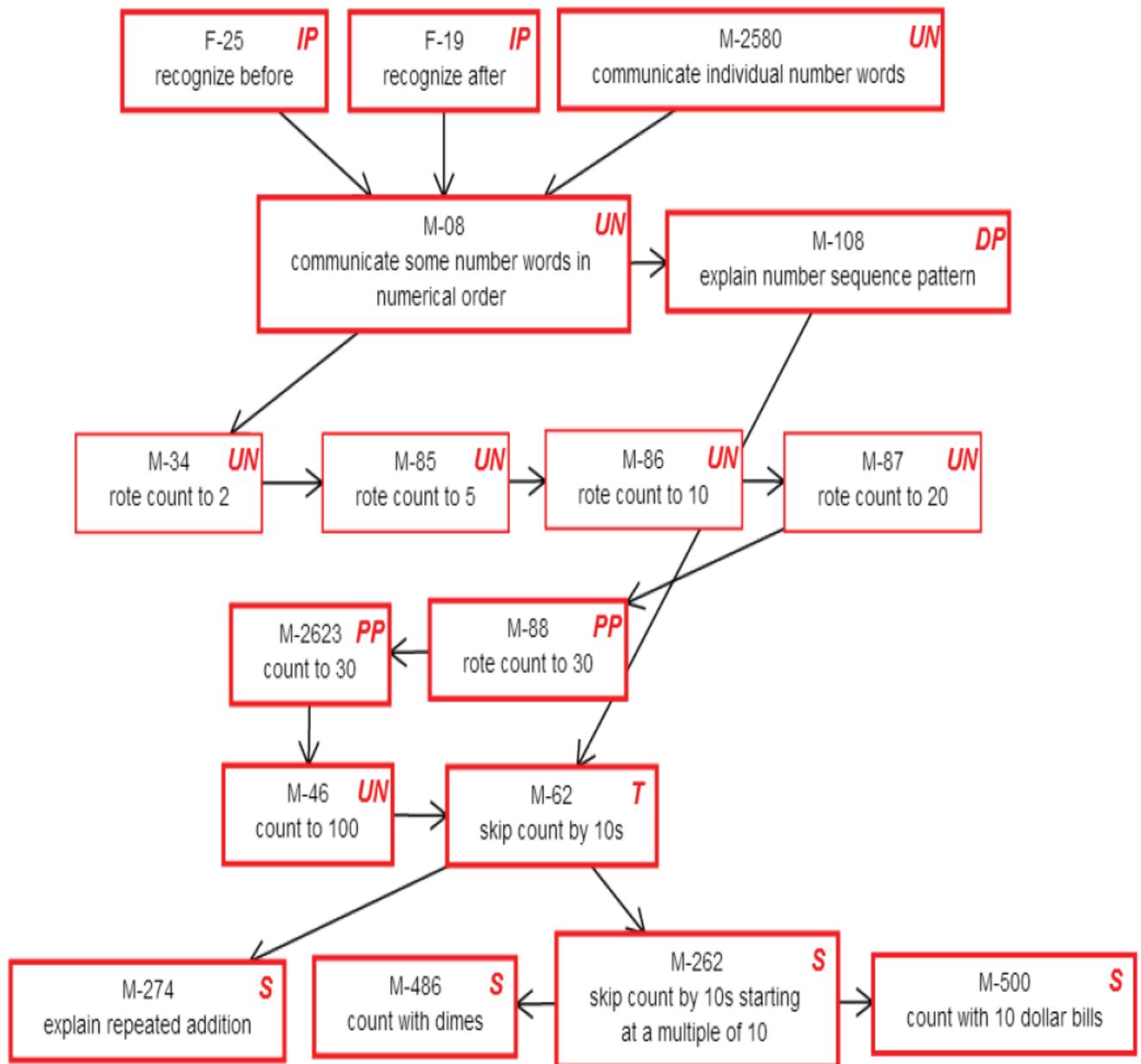
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.NBT.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.3.NBT.3	M.EE.3.NBT.3 Count by tens using models such as objects, base ten blocks, or money.	Successor Node: <ul style="list-style-type: none"> • Skip count by 10s starting at a multiple of 10 • Count with dimes • Count with 10 dollar bills • Explain repeated addition Target Nodes: <ul style="list-style-type: none"> • Skip count by 10s Proximal Precursor: <ul style="list-style-type: none"> • Rote count to 30 • Count to 30 Distal Precursor: <ul style="list-style-type: none"> • Explain number sequence pattern Initial Precursor: <ul style="list-style-type: none"> • Recognize before • Recognize after

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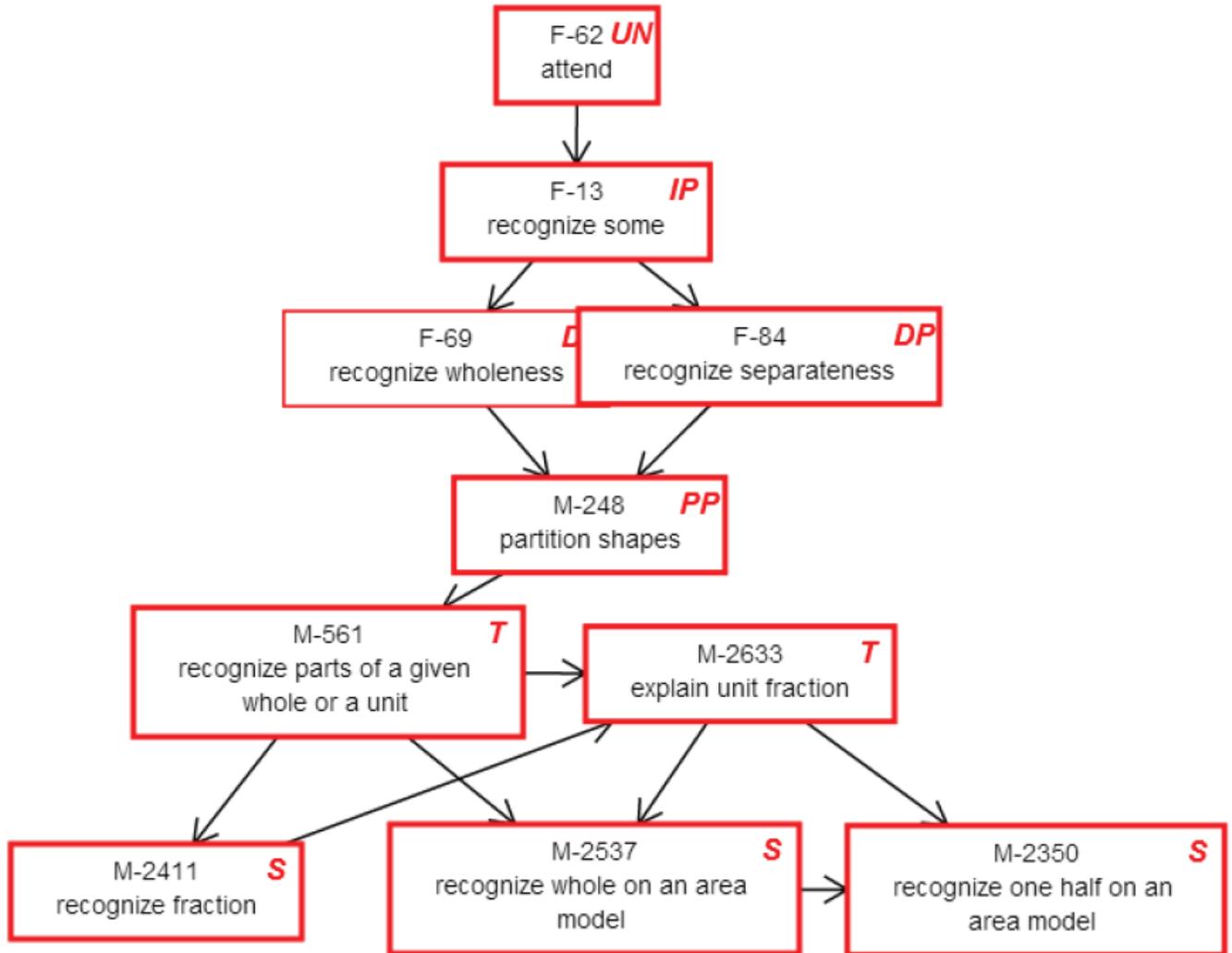
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.NF.1-3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.NF.1; M.3.NF.2; M.3.NF.3</p>	<p>M.EE.3.NF.1-3 Differentiate a fractional part from a whole.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Recognize fraction • Recognize whole on an area model • Recognize one half on an area model <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize parts of a given whole or a unit • Explain unit fraction <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Partition shapes <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize wholeness <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize some

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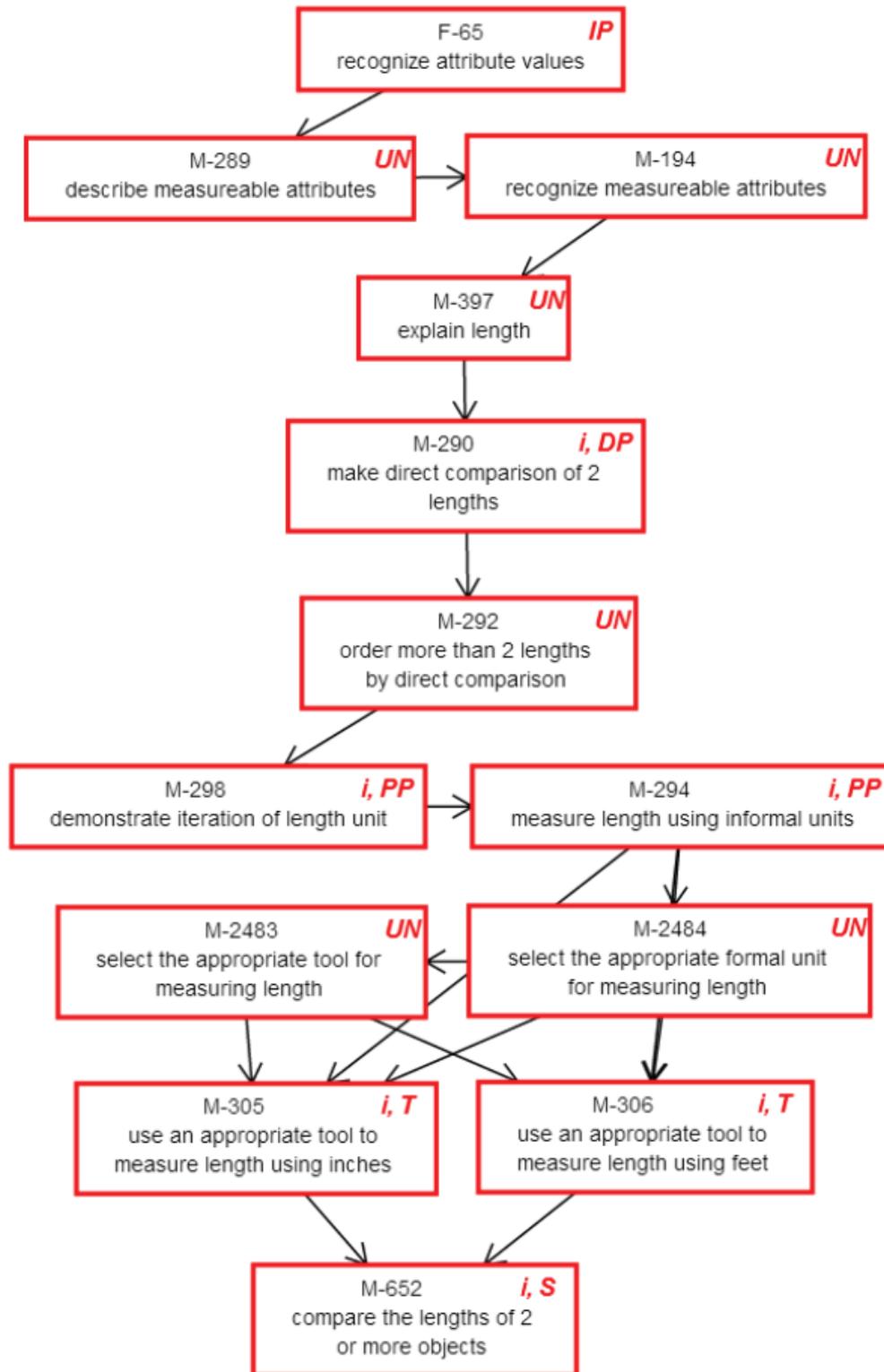
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.MD.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.MD.4 Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units—whole numbers, halves, or quarters.</p>	<p>M.EE.3.MD.4 Measure length of objects using standard tools, such as rulers, yardsticks, and meter sticks.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare the lengths of 2 or more objects <p>Target Nodes:</p> <ul style="list-style-type: none"> • Use an appropriate tool to measure length using inches • Use an appropriate tool to measure length using feet <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate iteration of length unit • Measure length using informal units <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Make direct comparison of 2 lengths <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

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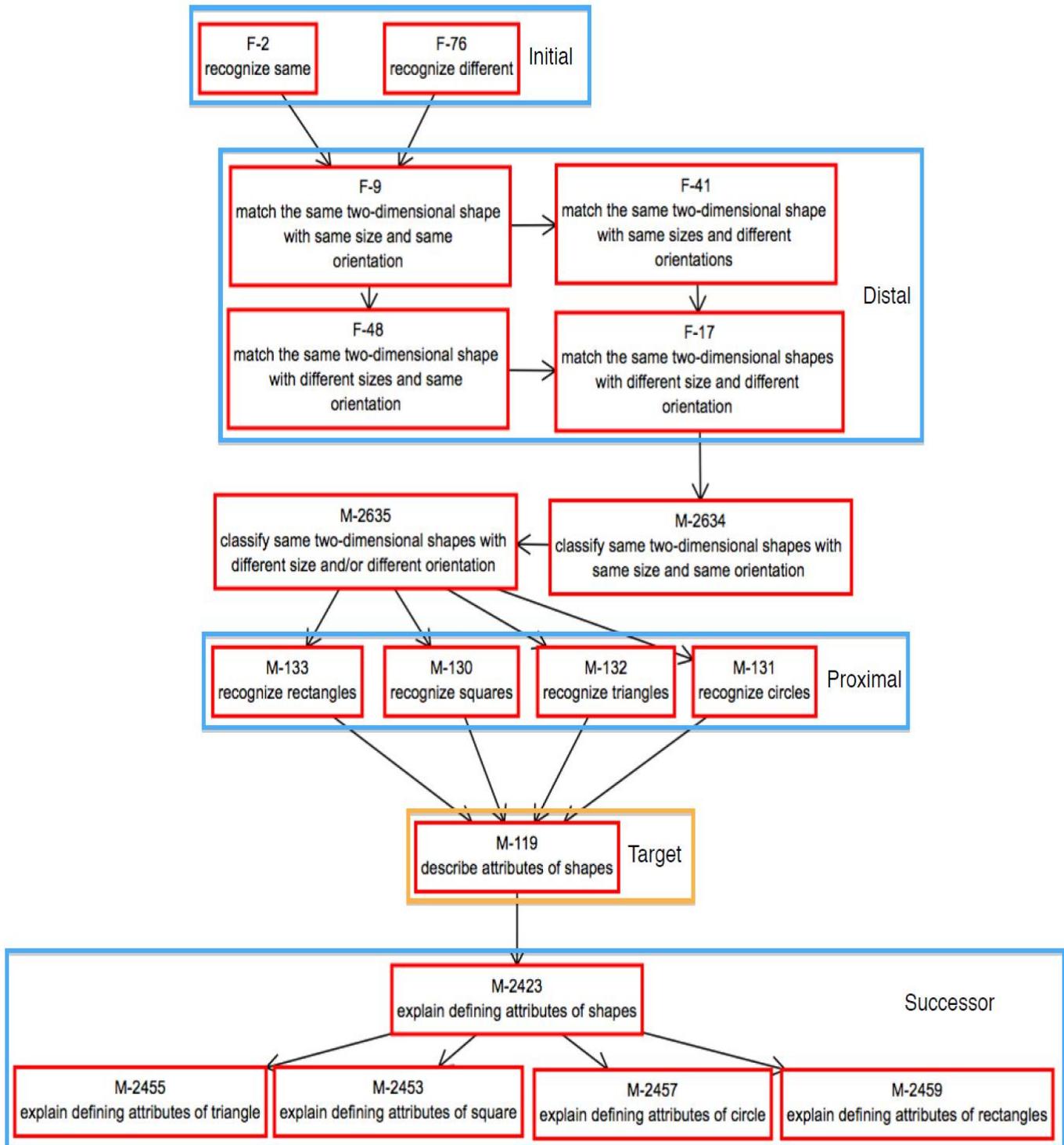
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 3RD GRADE

M.EE.3.G.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.G.1 Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.</p>	<p>M.EE.3.G.1 Describe attributes of two-dimensional shapes.</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Explain defining attributes of shapes • Explain defining attributes of triangle • Explain defining attributes of square • Explain defining attributes of circle • Explain defining attributes of rectangles <p>Target Node:</p> <ul style="list-style-type: none"> • Describe attributes of shapes <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize triangles • Recognize squares • Recognize circles • Recognize rectangles <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Match the same two-dimensional shape with same size and same orientation • Match the same two-dimensional shape with same sizes and different orientation • Match the same two-dimensional shape with different sizes and same orientation • Match the same two-dimensional shapes with different size and different orientation <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different

M.EE.3.G.1 Describe attributes of two-dimensional shapes.



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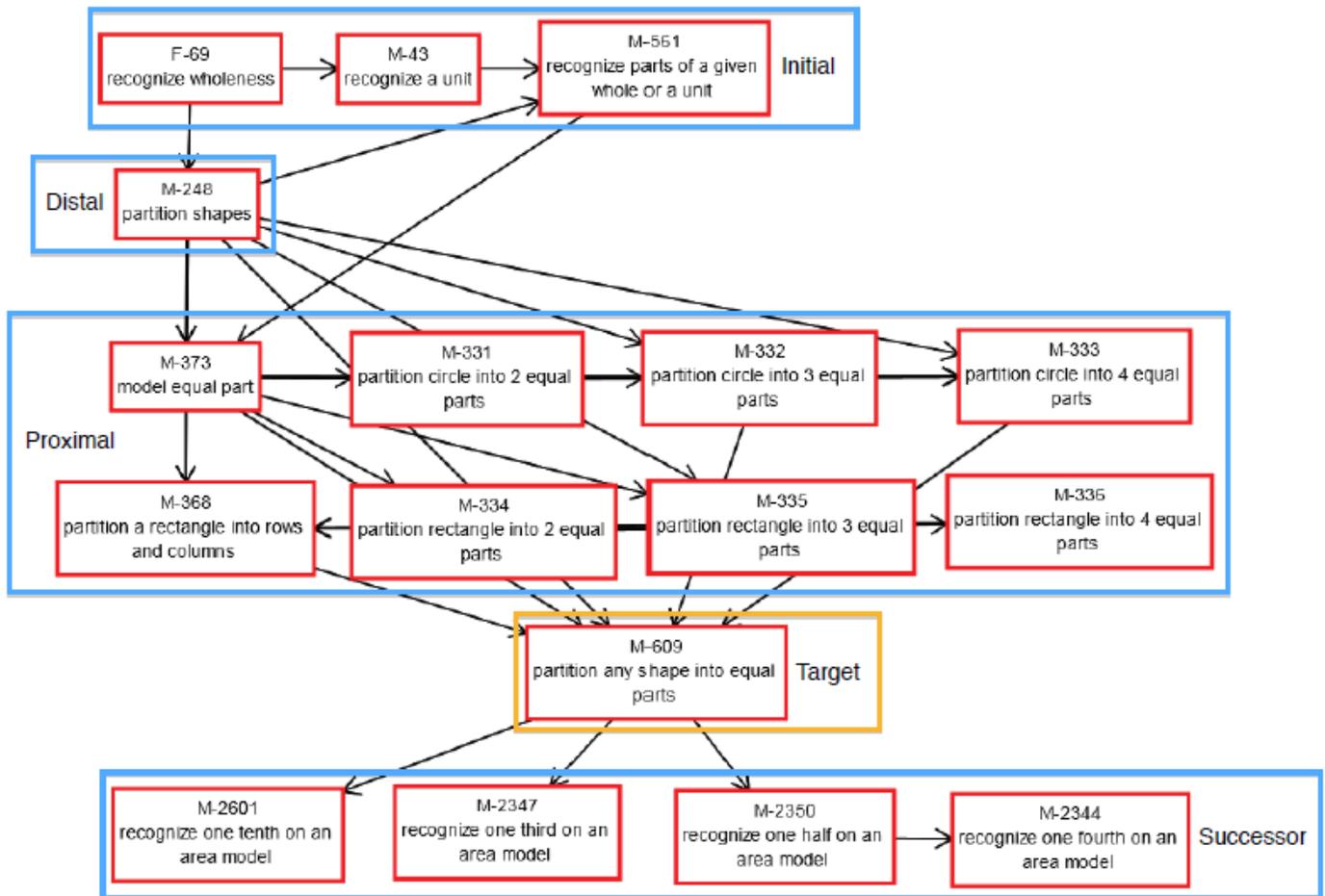
MATH: 3RD GRADE

M.EE.3.G.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.3.G.2 Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole. <i>For example, partition a shape into 4 parts with equal area, and describe the area of each part as $\frac{1}{4}$ of the area of the shape.</i></p>	<p>M.EE.3.G.2 Recognize that shapes can be partitioned into equal areas</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Recognize one tenth on an area model • Recognize one third on an area model • Recognize one half on an area model • Recognize one fourth on an area model <p>Target Node:</p> <ul style="list-style-type: none"> • Partition any shape into equal parts <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Model equal part • Partition circle into 2, 3, 4 equal parts • Partition a rectangle into rows and columns • Partition rectangle into 2, 3, 4 equal parts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Partition shapes <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize wholeness • Recognize a unit • Recognize parts of a given whole or a unit



M.EE.3.G.2 Recognize that shapes can be partitioned into equal areas.



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Grade 4 Reading and Math



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

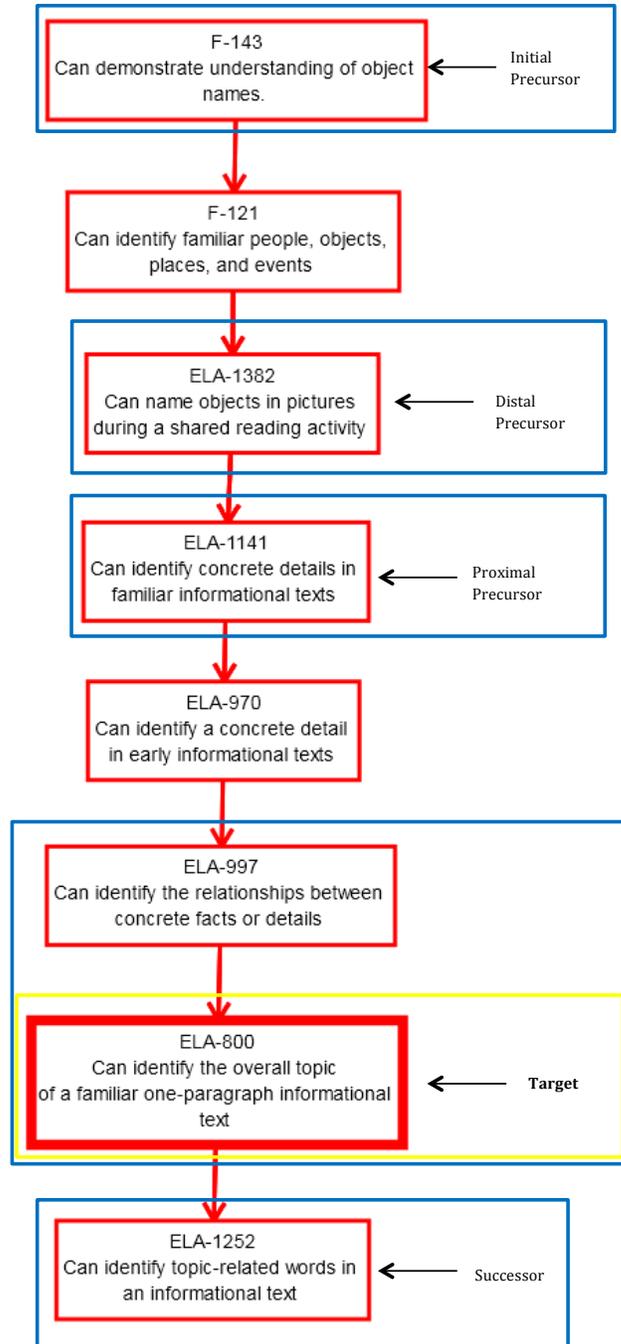
ELA: 4TH GRADE ELA.EE.RI.4.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.4.2 Determine the main idea of a text and explain how it is supported by key details; summarize the text.</p>	<p>ELA.EE.RI.4.2 Identify the main idea of a text when it is explicitly stated.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify topic-related words in an informational text <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the relationships between concrete facts or details (<i>supporting node</i>) • Can identify the overall topic of a familiar one-paragraph informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in familiar informational texts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names

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ELA.EE.RI.4.2-Identify the main idea of a text when it is explicitly stated.



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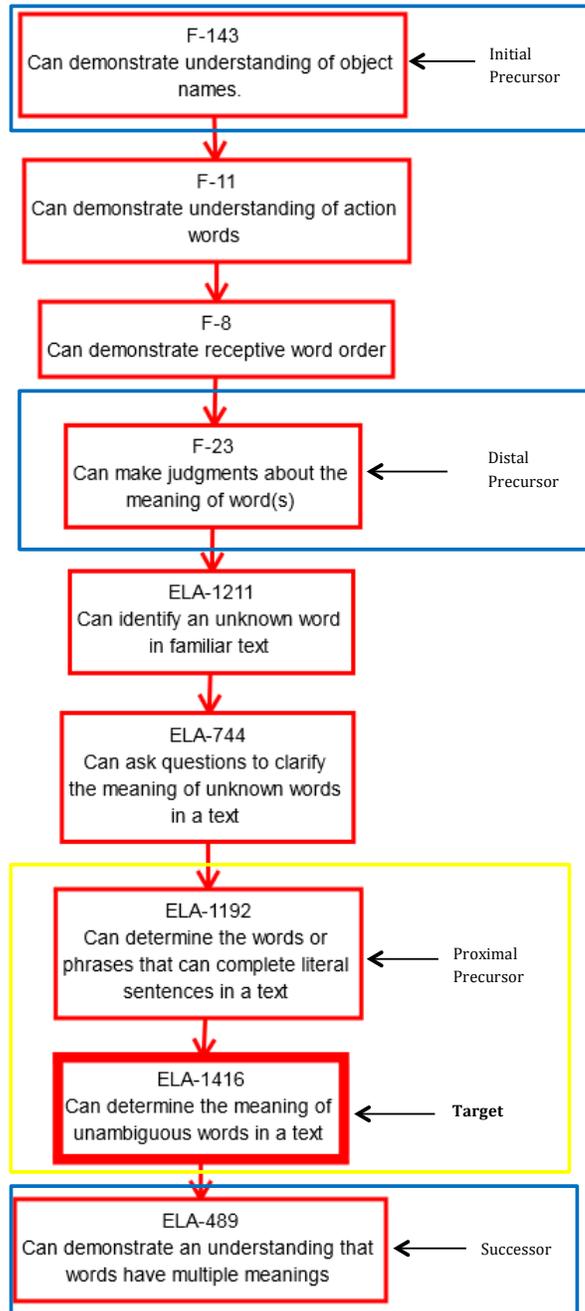
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE ELA.EE.RI.4.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.4.4 Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.</p>	<p>ELA.EE.RI.4.4 Determine meaning of words in text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that words have multiple meanings <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of unambiguous words in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can make judgments about the meaning of word(s) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names

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ELA.EE.RI.4.4-Determine meaning of words in text.



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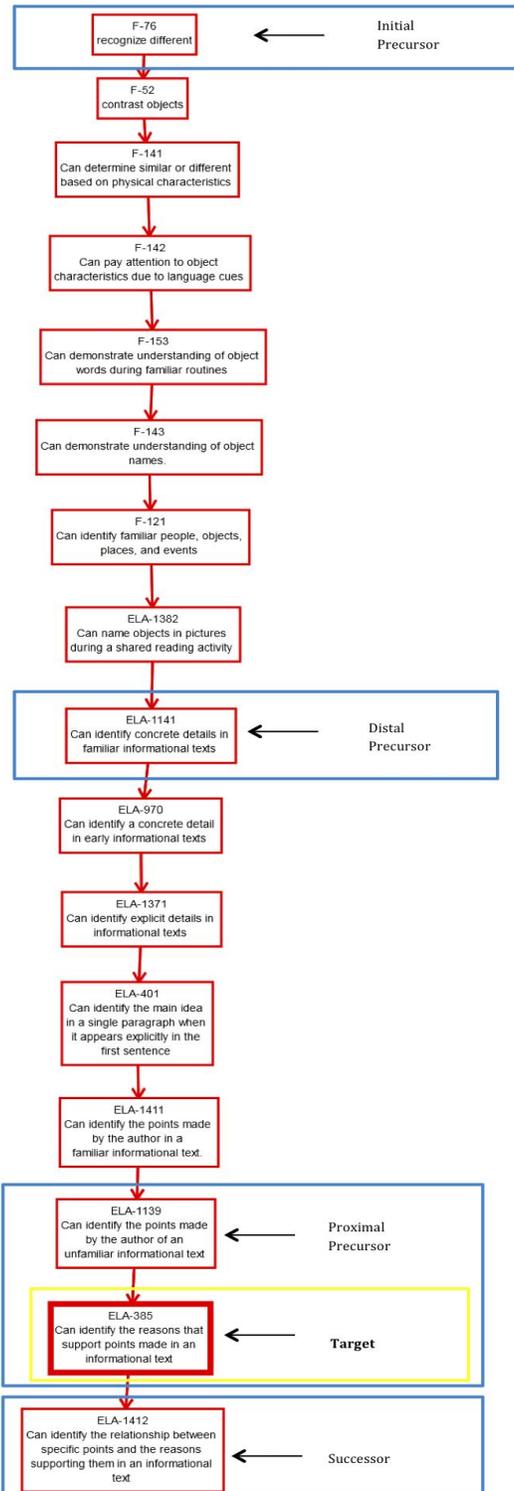
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE

ELA.EE.RI.4.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.4.8 Explain how an author uses reasons and evidence to support particular points in a text.</p>	<p>ELA.EE.RI.4.8 Identify one or more reasons supporting a specific point in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the relationship between specific points and the reasons supporting them in an informational text <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the reasons that support points made in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the points made by the author of an unfamiliar informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in familiar informational texts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize different

ELA.EE.RI.4.8- Identify one or more reasons supporting a specific point in an informational text.



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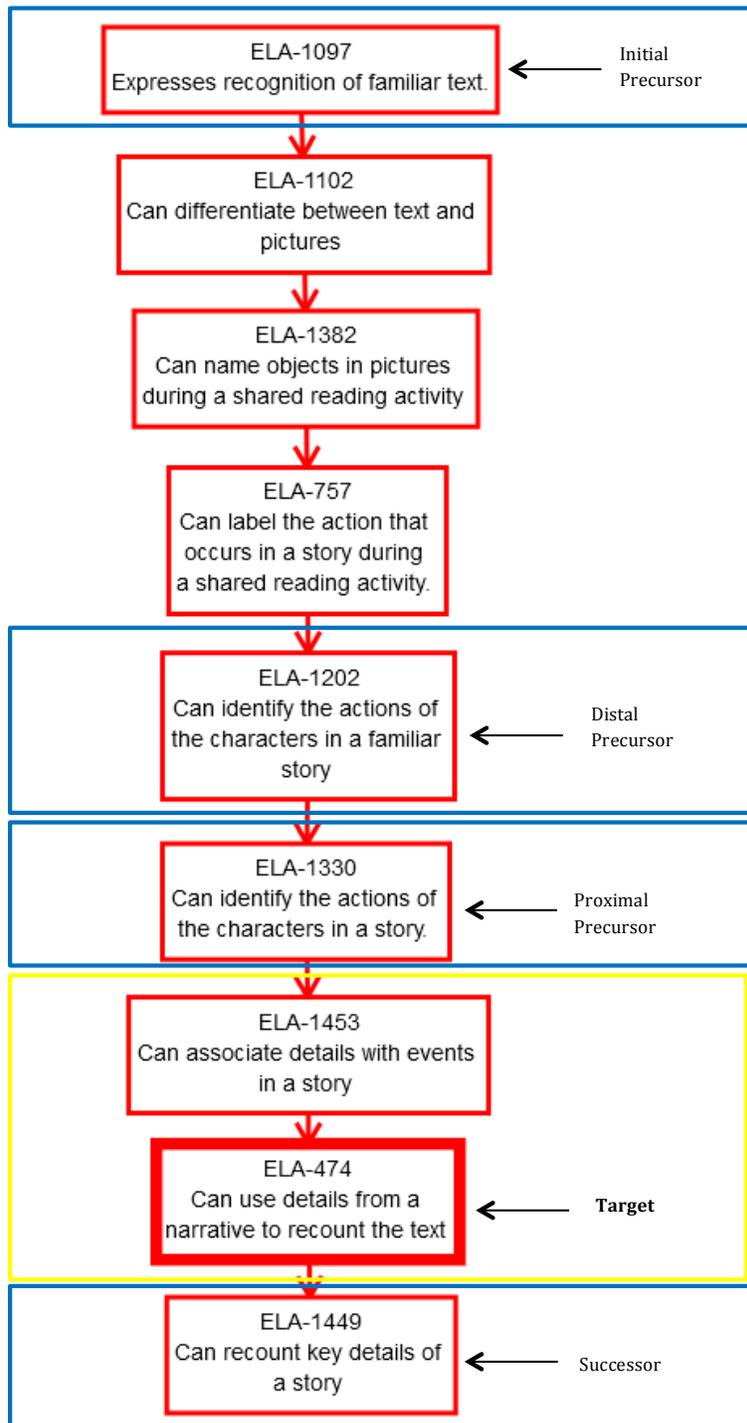


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE ELA.EE.RL.4.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.</p>	<p>ELA.EE.RL.4.1 Use details from the text to recount what the text says.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can recount key details of a story <p>Target Node:</p> <ul style="list-style-type: none"> • Can associate details with events in a story (<i>supporting node</i>) • Can use details from a narrative to recount a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the actions of the characters in a story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the actions of the characters in a familiar story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Expresses recognition of familiar text

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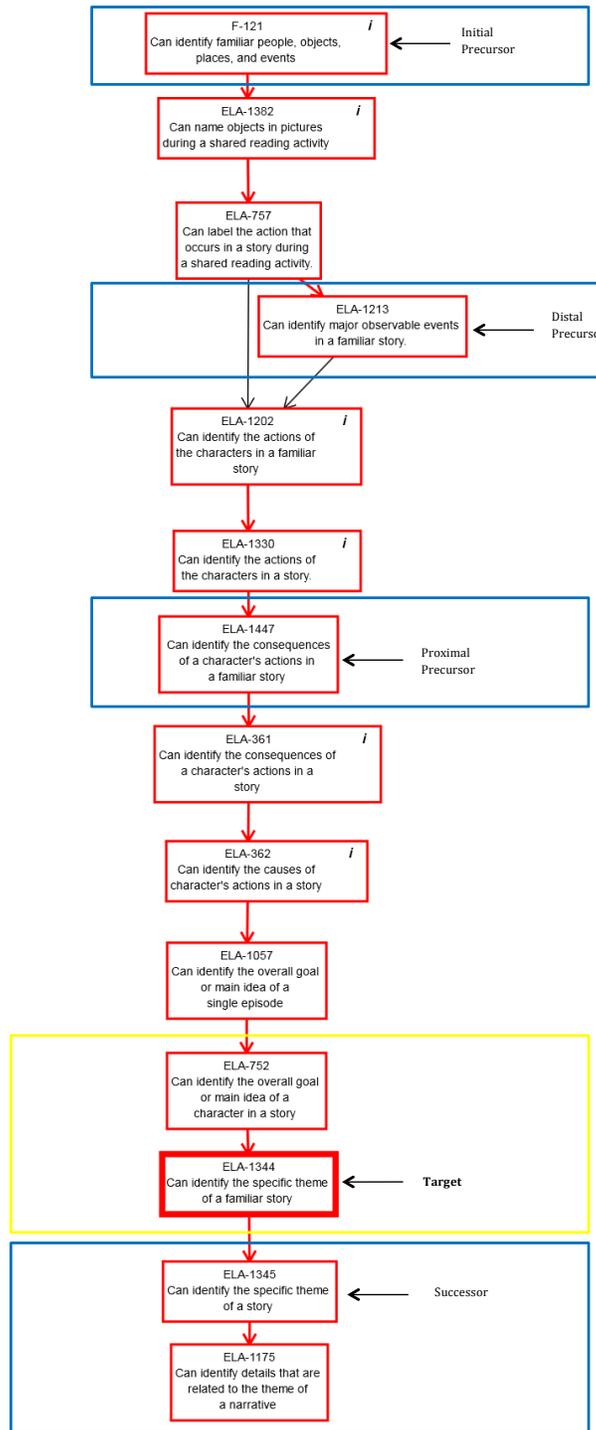


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE ELA.EE.RL.4.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.4.2 Determine a theme of a story, drama, or poem from details in the text; summarize the text.</p>	<p>ELA.EE.RL.4.2 Identify the theme or central idea of a familiar story, drama or poem.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify details that are related to the theme of a narrative (<i>supporting node</i>) • Can identify the specific theme of a story <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the specific theme of a familiar story • Can identify the overall goal or main idea of a character in a story (<i>supporting node</i>) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the consequences of a character's actions in a familiar story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify major observable events in a familiar story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events

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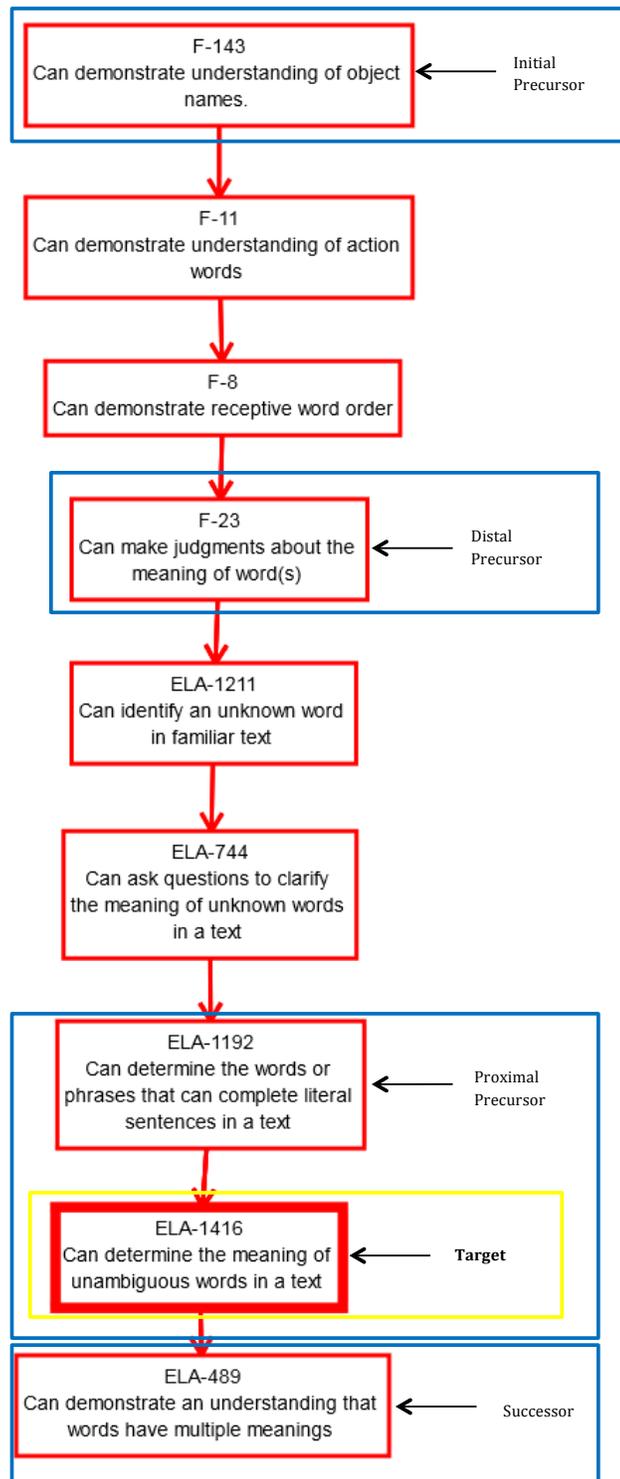


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE ELA.EE.RL.4.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.4.4 Determine the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology (e.g., Herculean).</p>	<p>ELA.EE.RL.4.4 Determine the meaning of words in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that words have multiple meanings <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of unambiguous words in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can make judgments about the meaning of word(s) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names

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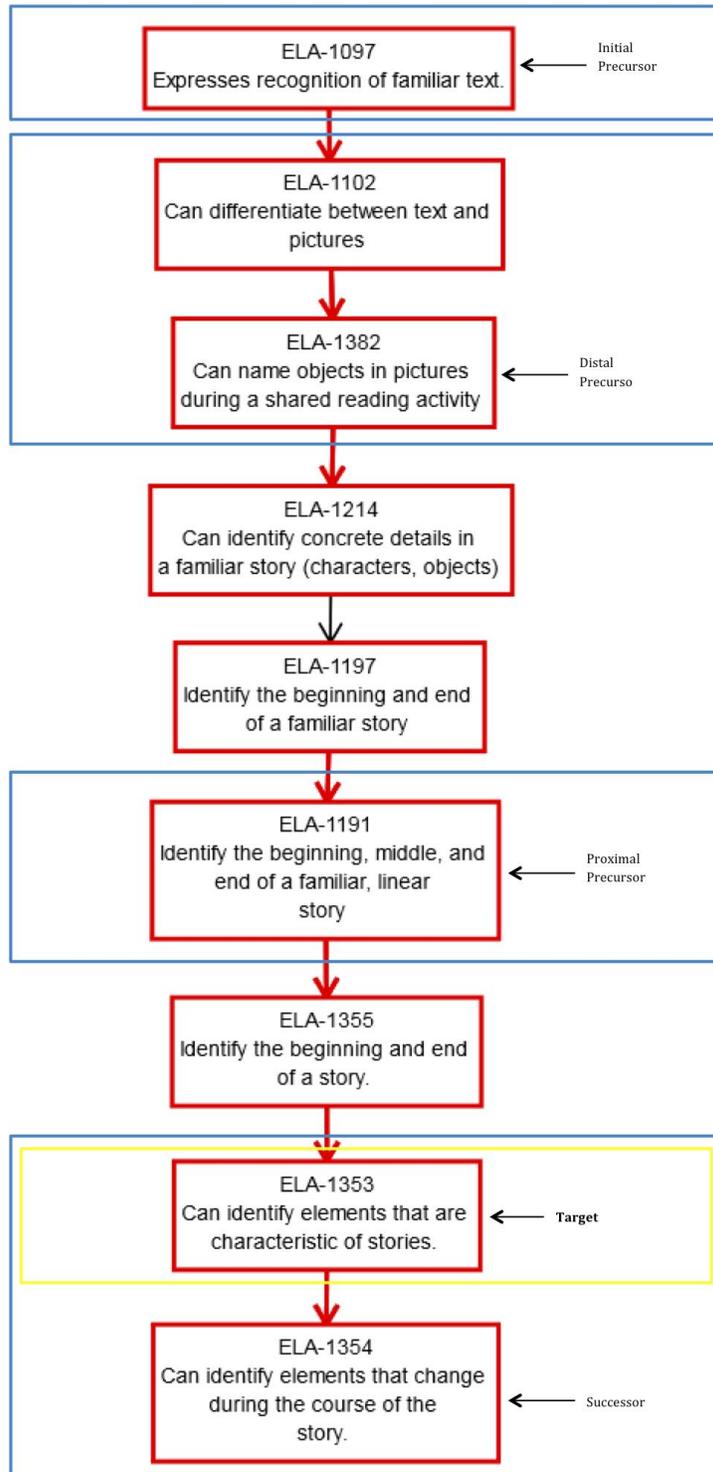
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 4TH GRADE

ELA.EE.RL.4.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.4.5 Explain major differences between poems, drama, and prose, and refer to the structural elements of poems (e.g., verse, rhythm, meter) and drama (e.g., casts of characters, settings, descriptions, dialogue, stage directions) when writing or speaking about a text.</p>	<p>ELA.EE.RL.4.5 Identify elements that are characteristic of stories.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify elements that change during the course of the story <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify elements that are characteristic of stories <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Identify the beginning, middle, and end of a familiar, linear story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can differentiate between text and pictures (<i>supporting node</i>) • Can name objects in pictures during a shared reading activity <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Expresses recognition of familiar text

ELA.EE.RL.4.5- Identify elements that are characteristic of stories.



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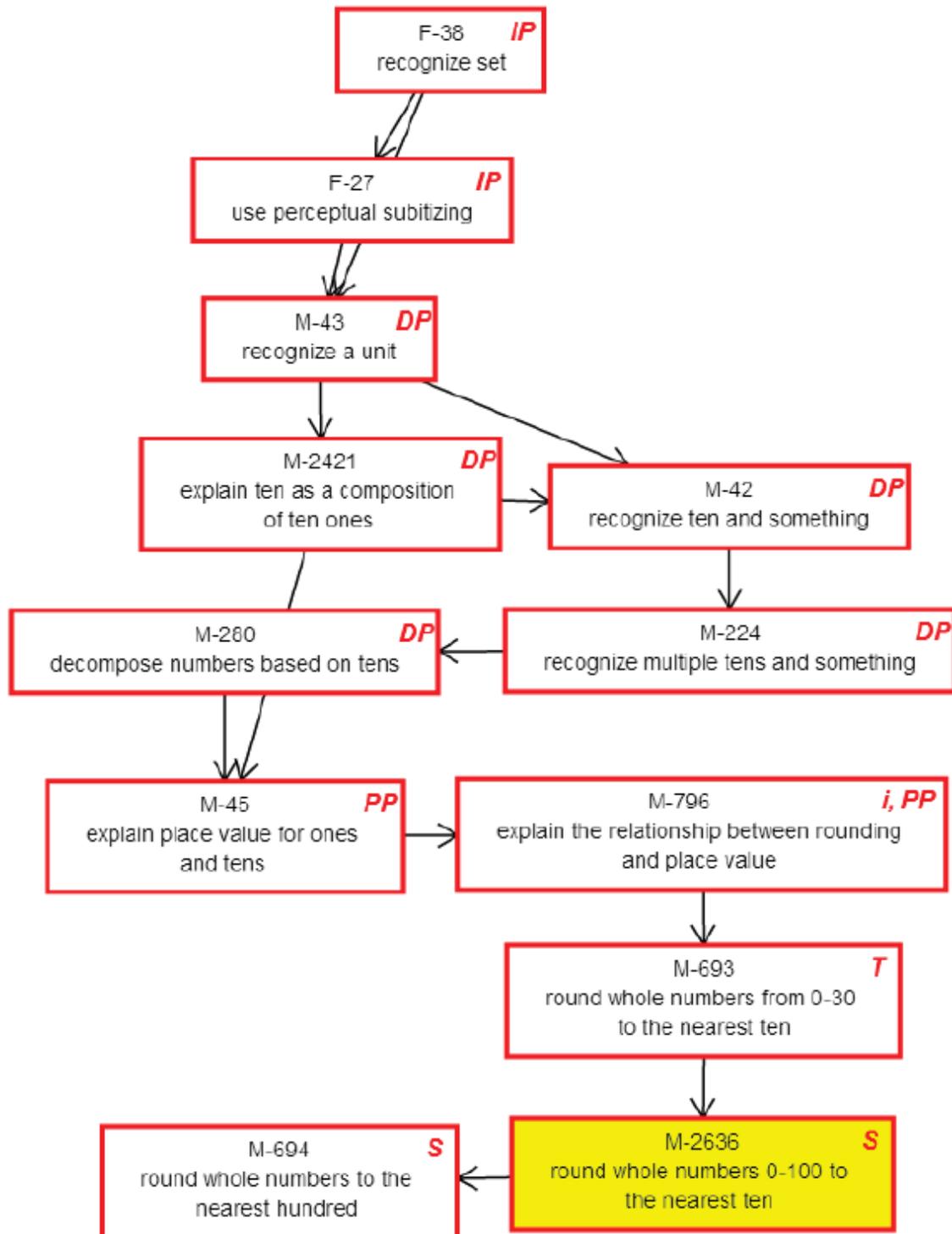
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 4TH GRADE

M.EE.4.NBT.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.4.NBT.3</p>	<p>M.EE.4.NBT.3 Round any whole number 0-30 to the nearest ten.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Round whole numbers 0-100 to the nearest ten • Round whole numbers to the nearest hundred <p>Target Nodes:</p> <ul style="list-style-type: none"> • Round whole numbers from 0-30 to the nearest ten <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain place value for ones and tens • Explain the relationship between rounding and place value <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize a unit • Explain ten as a composition of ten ones • Recognize ten and something • Recognize multiple tens and something • Decompose numbers based on tens <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Use perceptual subitizing

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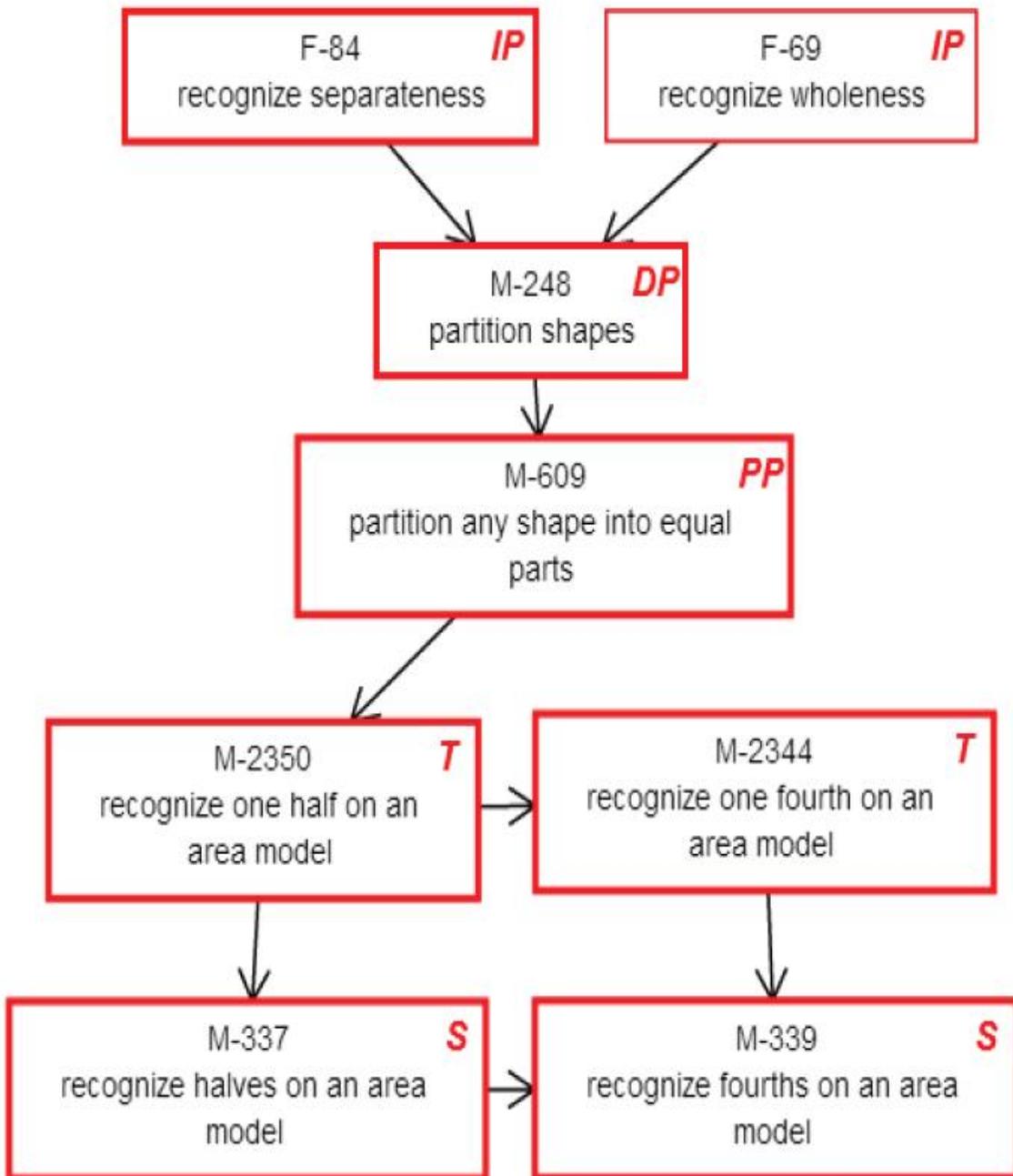
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 4TH GRADE

M.EE.4.NF.1-2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.4.NF.1; M.4.NF.2	M.EE.4.NF.1-2 Identify models of one half ($1/2$) and one fourth ($1/4$)	Successor Node: <ul style="list-style-type: none"> • Recognize halves on an area model • Recognize fourths on an area model Target Nodes: <ul style="list-style-type: none"> • Recognize one half on an area model • Recognize one fourth on an area model Proximal Precursor: <ul style="list-style-type: none"> • Partition any shapes into equal parts Distal Precursor: <ul style="list-style-type: none"> • Partition shapes Initial Precursor: <ul style="list-style-type: none"> • Recognize separateness • Recognize wholeness

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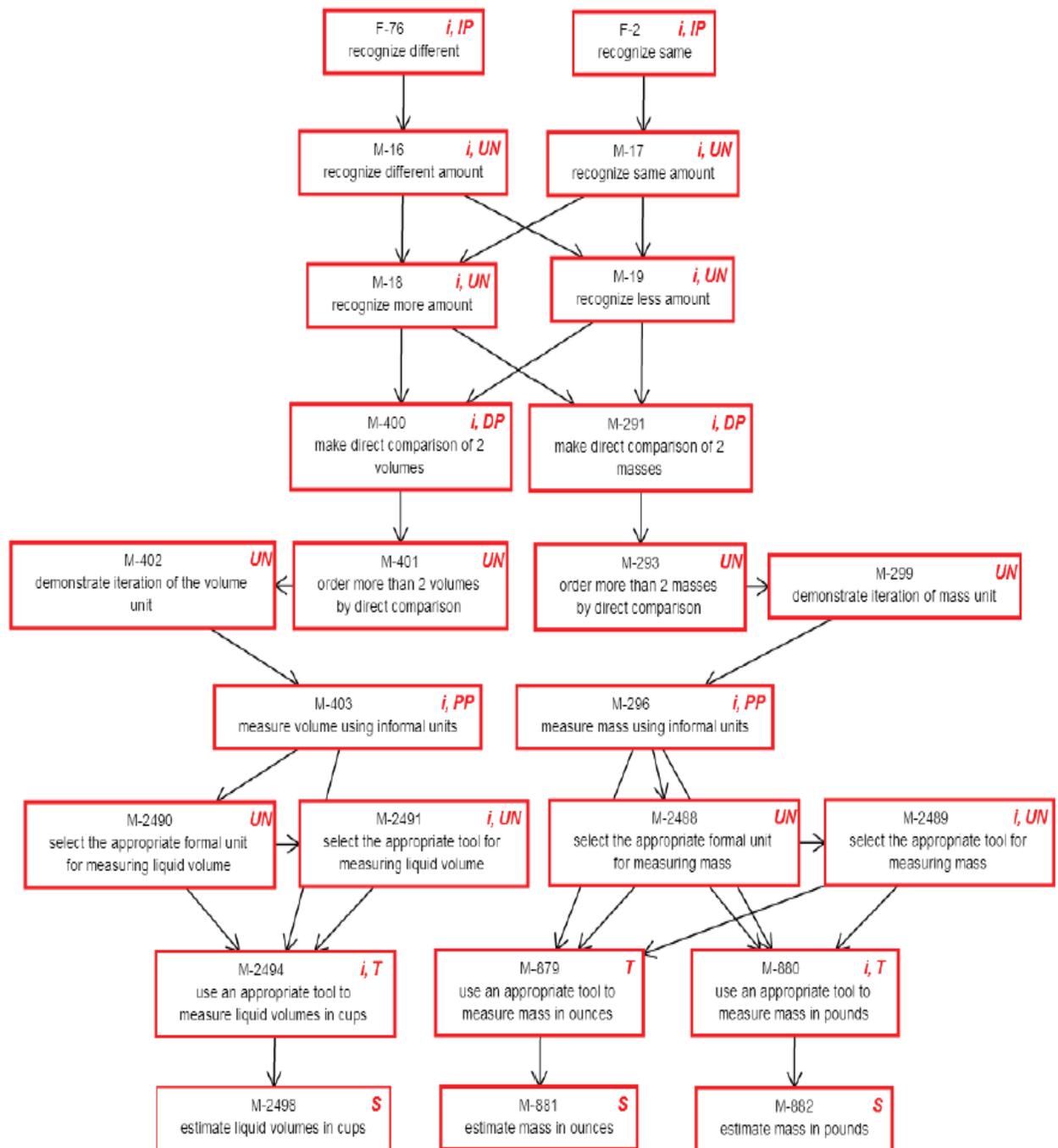
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 4TH GRADE

M.EE.4.MD.2.B

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.4.MD.2.b Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.</p>	<p>M.EE.4.MD.2.b Measure mass or volume using standard tools</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Estimate liquid volume in cups • Estimate mass in ounces • Estimate mass in pounds <p>Target Nodes:</p> <ul style="list-style-type: none"> • Use an appropriate tool to measure liquid volumes in cups • Use an appropriate tool to measure mass in ounces • Use an appropriate tool to measure mass in pounds <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Measure volume using informal units • Measure mass using informal units <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Make direct comparison of 2 volumes • Make direct comparison of 2 masses <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize different • Recognize same

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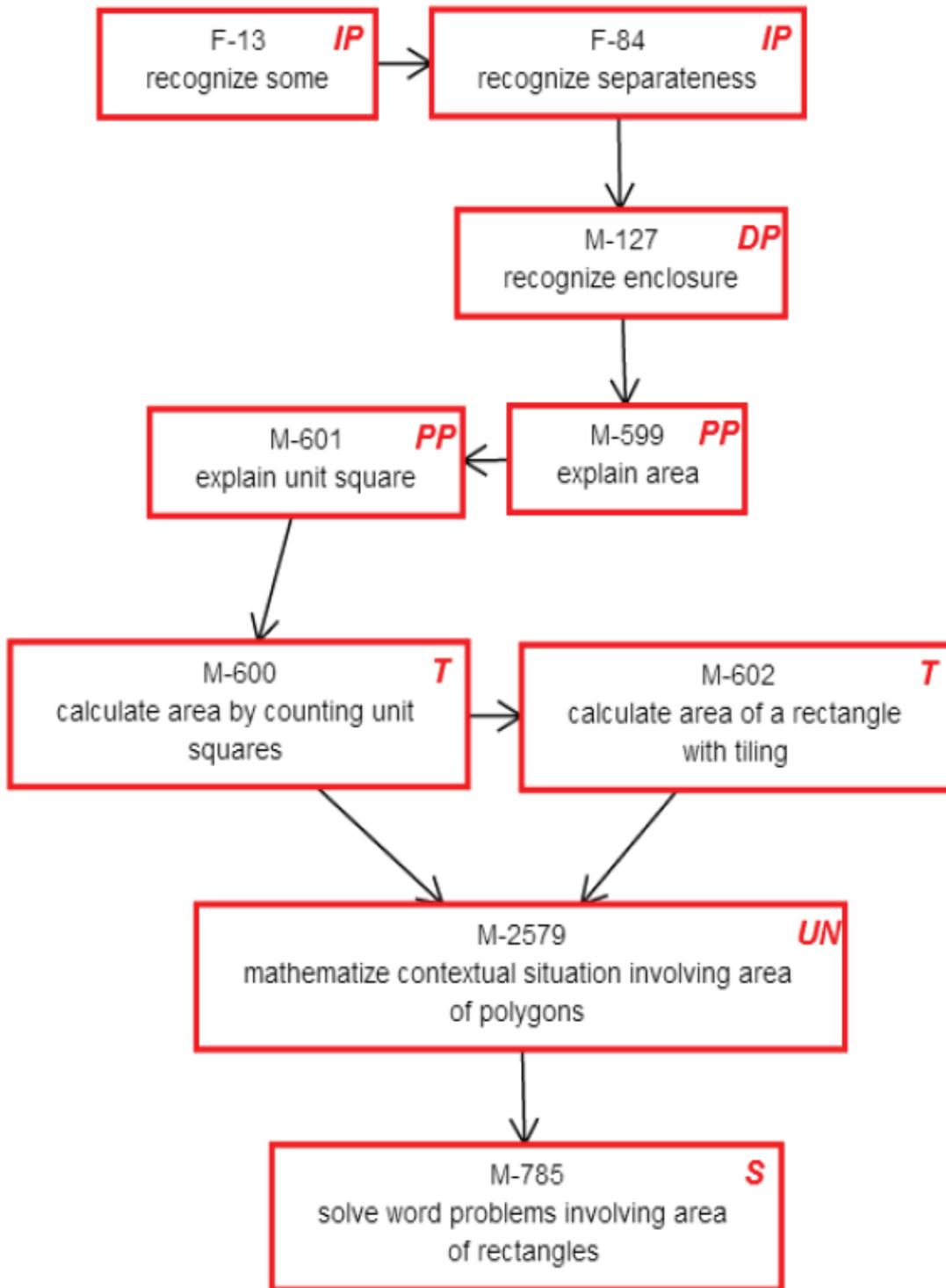
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 4TH GRADE

M.EE.4.MD.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.4.MD.3 Apply the area and perimeter formulas for rectangles in a real world and mathematical problems.	M.EE.4.MD.3 Determine the area of a square or rectangle by counting units of measure (unit squares).	Successor Node: <ul style="list-style-type: none"> • Solve word problems involving area of rectangles Target Nodes: <ul style="list-style-type: none"> • Calculate area by counting unit squares • Calculate area of a rectangle with tiling Proximal Precursor: <ul style="list-style-type: none"> • Explain area • Explain unit square Distal Precursor: <ul style="list-style-type: none"> • Recognize enclosure Initial Precursor: <ul style="list-style-type: none"> • Recognize separateness • Recognize some

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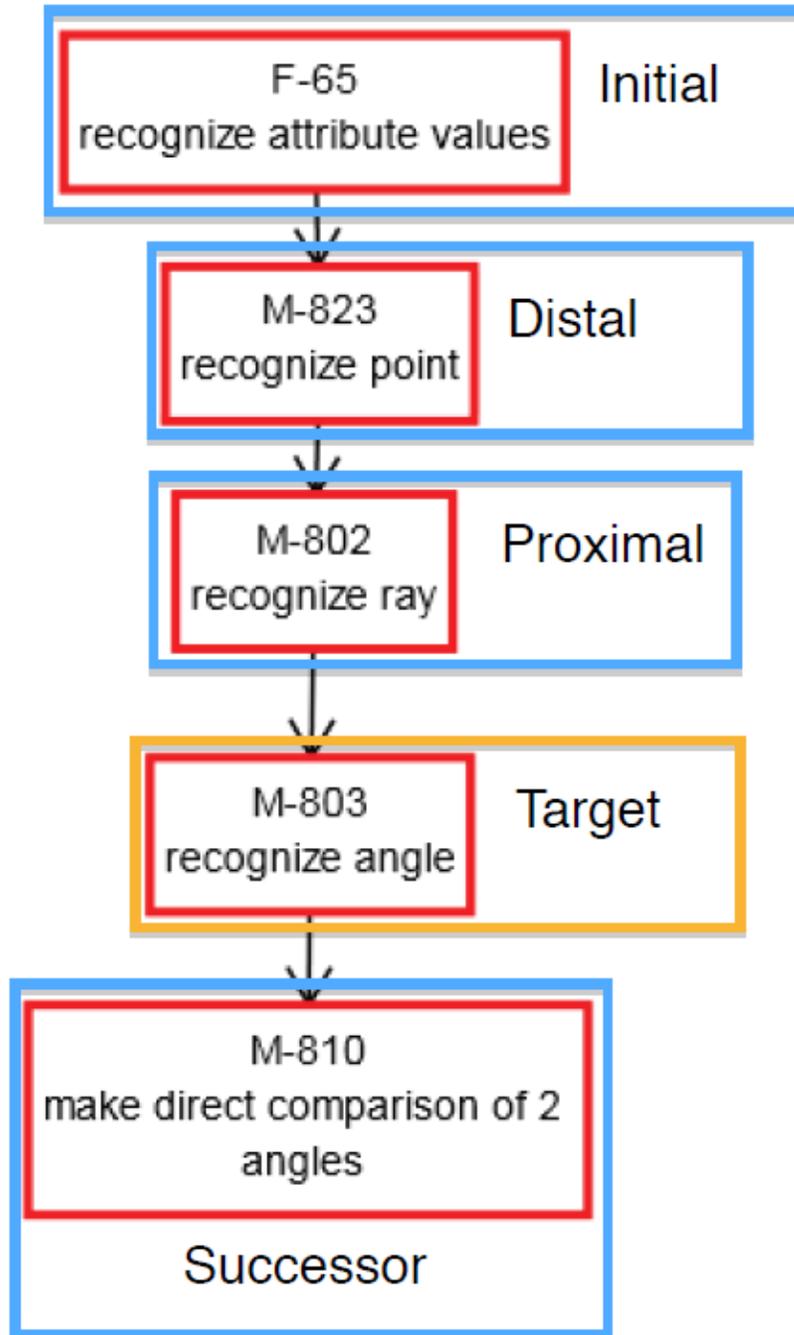
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 4TH GRADE

M.EE.4.MD.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.4.MD.5 Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement.	M.EE.4.MD.5 Recognize angles in geometric shapes.	Successor Node: <ul style="list-style-type: none"> • Make direct comparison of 2 angles Target Node: <ul style="list-style-type: none"> • Recognize angle Proximal Precursor: <ul style="list-style-type: none"> • Recognize line Distal Precursor: <ul style="list-style-type: none"> • Recognize point Initial Precursor: <ul style="list-style-type: none"> • Recognize attribute values

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





ESSENTIAL ELEMENT, NODES, AND MINI-MAP

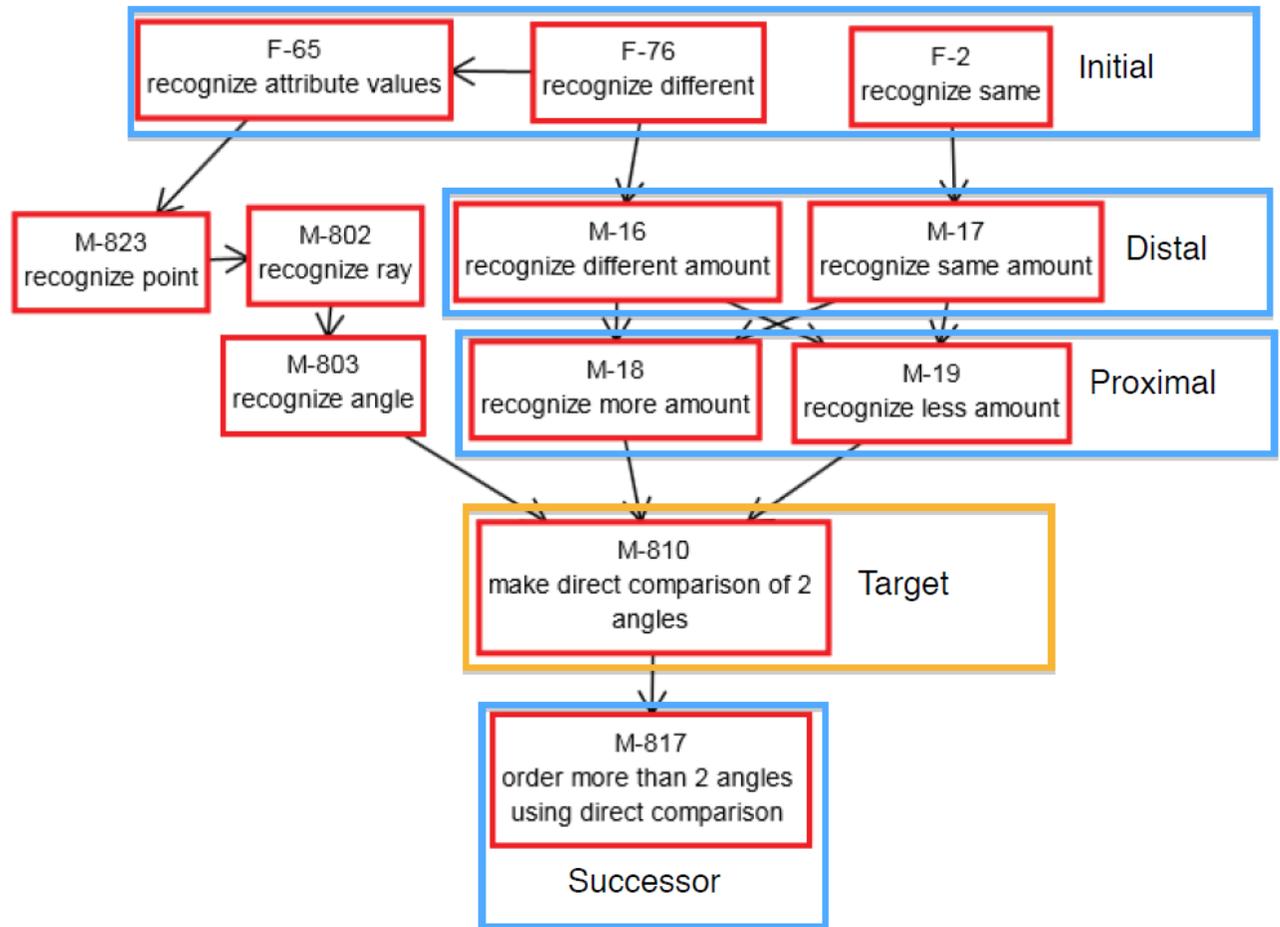
MATH 4TH GRADE

M.EE.4.MD.6

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.4.MD.6 Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.</p>	<p>M.EE.4.MD.6 Identify angles as larger and smaller.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Order more than 2 angles using direct comparison <p>Target Node:</p> <ul style="list-style-type: none"> • Make direct comparison of 2 angles <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize more amount • Recognize less amount <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize different amount • Recognize same amount <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize different • Recognize same • Recognize attribute values



M.EE.4.MD.6- Identify angles as larger and smaller.





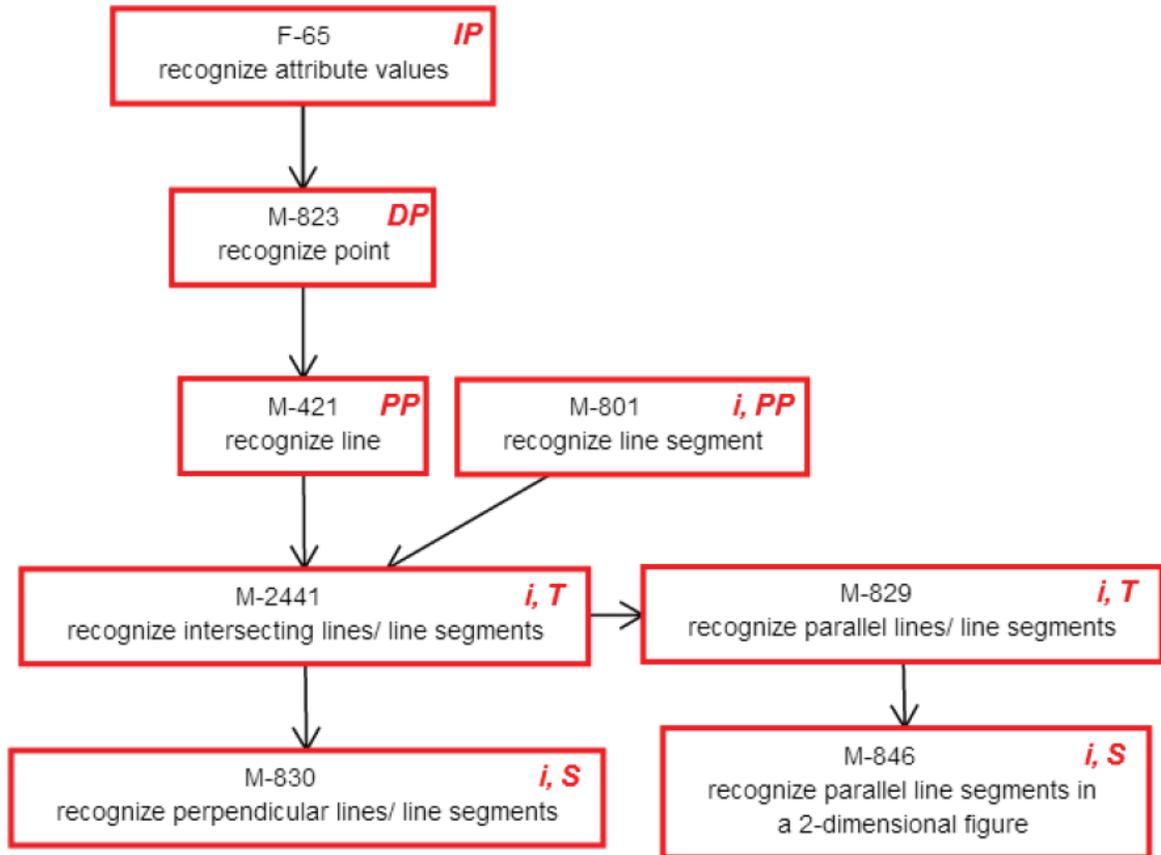
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 4TH GRADE

M.EE.4.G.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.4.G.2 Draw points, lines, lines segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.</p>	<p>M.EE.4.G.1 Recognize parallel lines and intersecting lines.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Recognize perpendicular lines/line segments • Recognize parallel line segments in a two-dimensional figure <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize intersecting lines/line segments • Recognize parallel lines/line segments <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize line • Recognize line segment <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize point <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

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Grade 5 Reading and Math

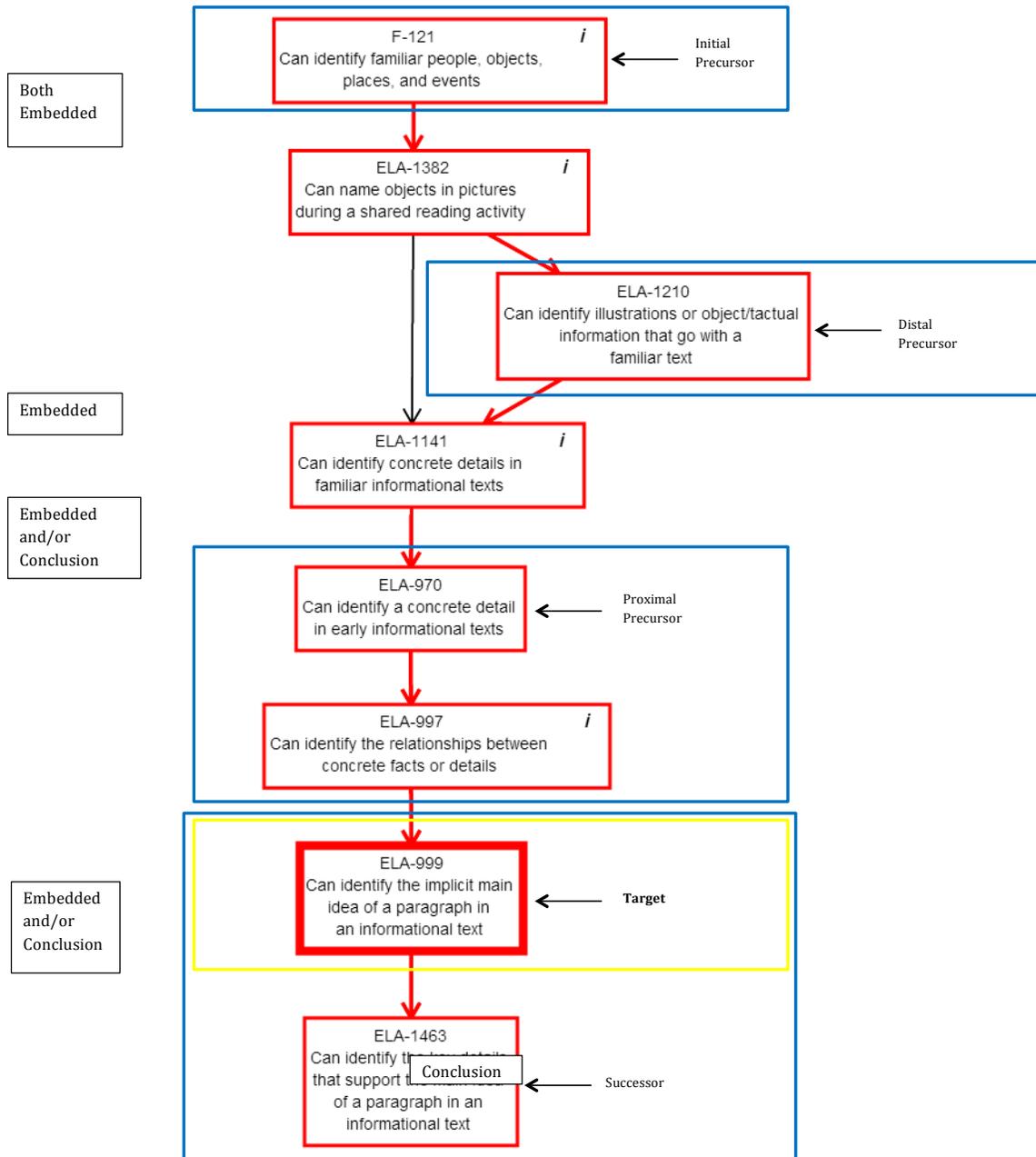


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 5TH GRADE ELA.EE.RI.5.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.5.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.</p>	<p>ELA.EE.RI.5.2 Identify the main idea of a text when it is not explicitly stated.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the key details that support the main idea of a paragraph in an informational text <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the implicit main idea of a paragraph in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the relationships between concrete facts or details (<i>supporting node</i>) • Can identify a concrete detail in early information texts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify illustrations that go with a familiar text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events

ELA.EE.RI.5.2 Identify the main idea of a text when it is not explicitly stated.



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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

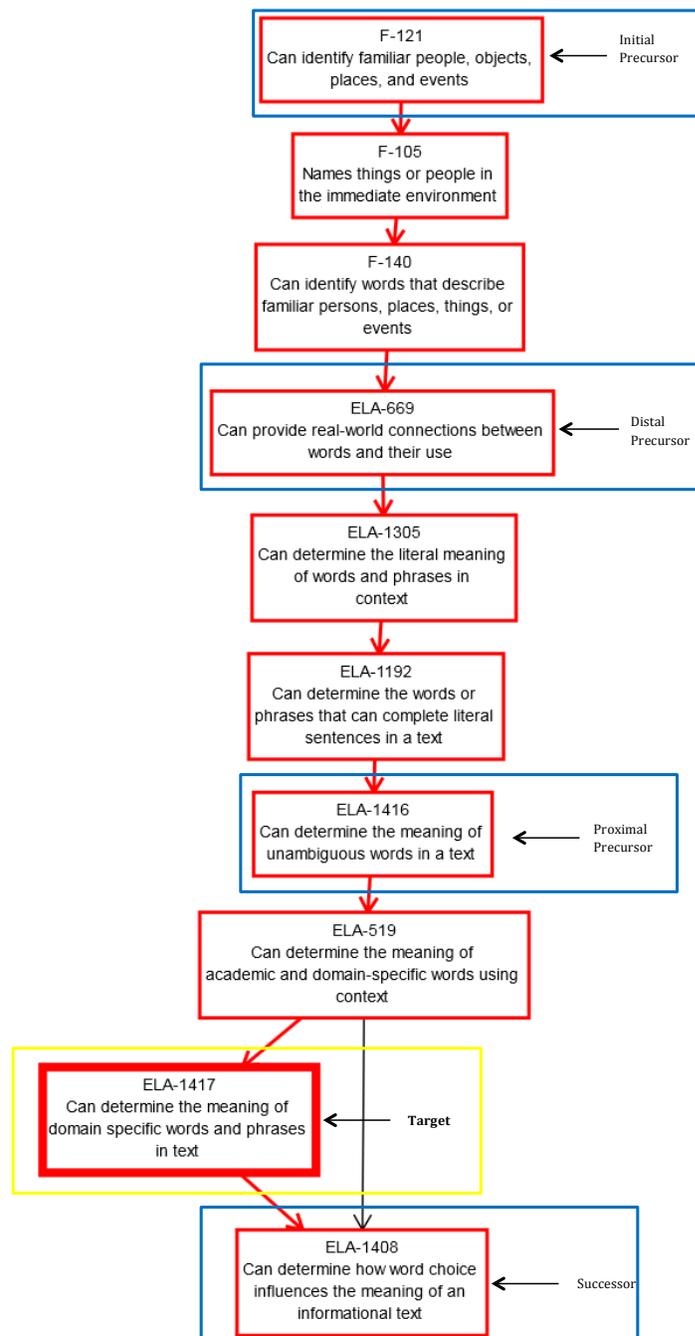
ELA: 5TH GRADE ELA.EE.RI.5.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.5.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.</p>	<p>ELA.EE.RI.5.4 Determine the meanings of domain-specific words and phrases.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine how word choice influences the meaning of an informational text <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of domain specific words and phrases in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the meaning of unambiguous words in a text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can provide real-world connections between words and their use <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events

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ELA.EE.RI.5.4 Determine the meanings of domain-specific words and phrases.



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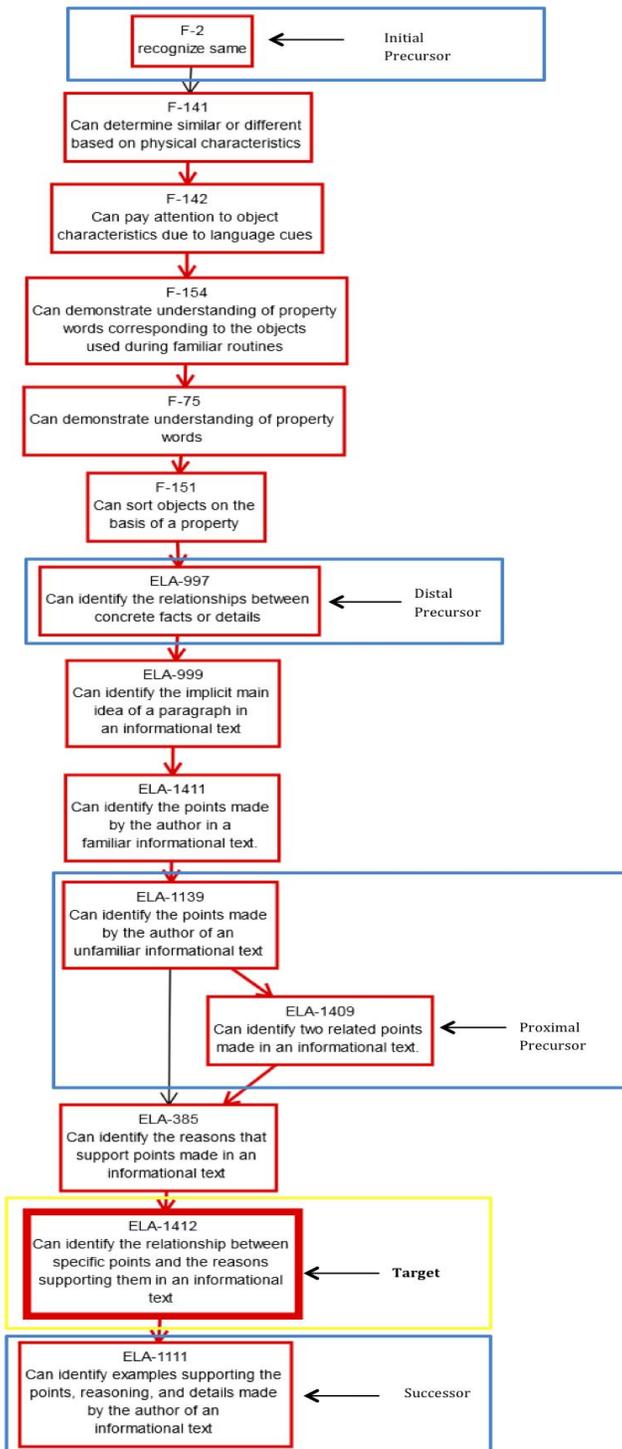
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 5TH GRADE

ELA.EE.RI.5.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.5.8 Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).</p>	<p>ELA.EE.RI.5.8 Identify the relationship between a specific point and supporting reasons in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify examples supporting the points, reasoning, and details made by the author of an informational text <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the relationship between specific points and the reasons supporting them in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the points made by the author of an unfamiliar informational text (<i>supporting node</i>) • Can identify two related points made in an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the relationships between concrete facts or details <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same

ELA.EE.RI.5.8- Identify the relationship between specific point and supporting reasons in an informational text.



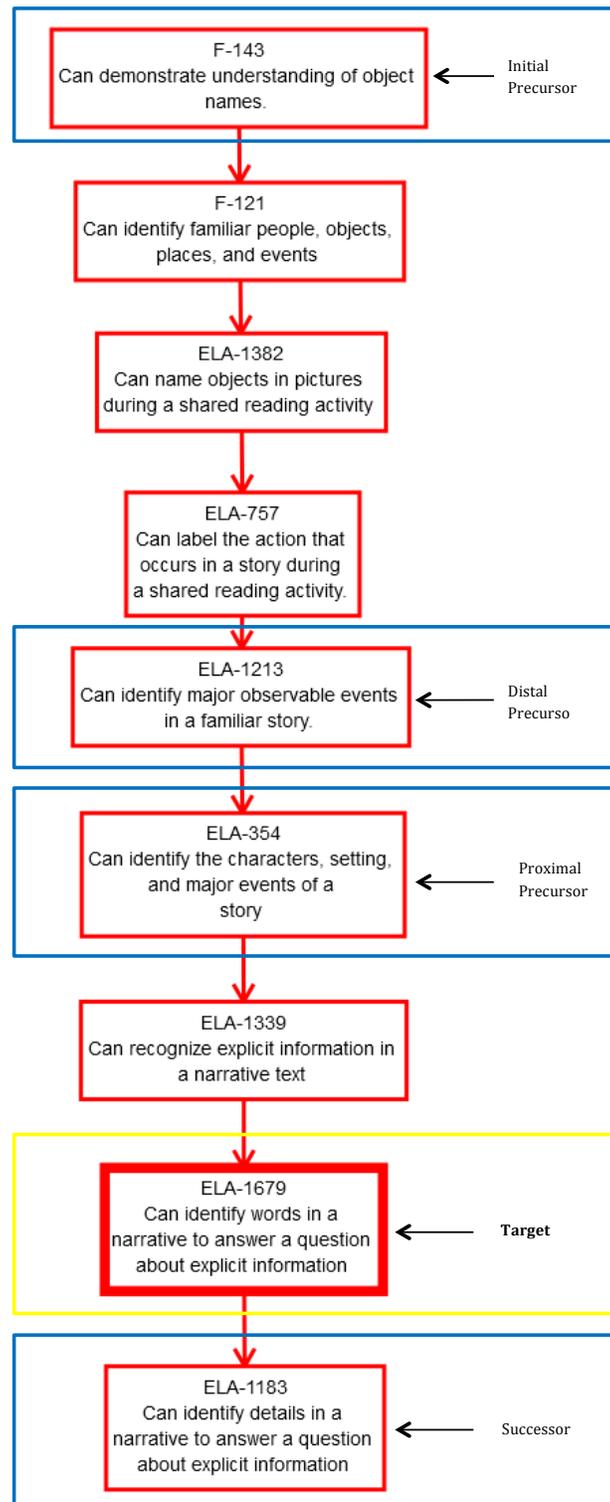
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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 5TH GRADE ELA.EE.RL.5.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.5.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.</p>	<p>ELA.EE.RL.5.1 Identify words in the text to answer a question about explicit information.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify details in a narrative to answer a question about explicit information. <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify words in a narrative to answer a question about explicit information <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the characters, setting, and major events of a story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify major observable events in a familiar story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names



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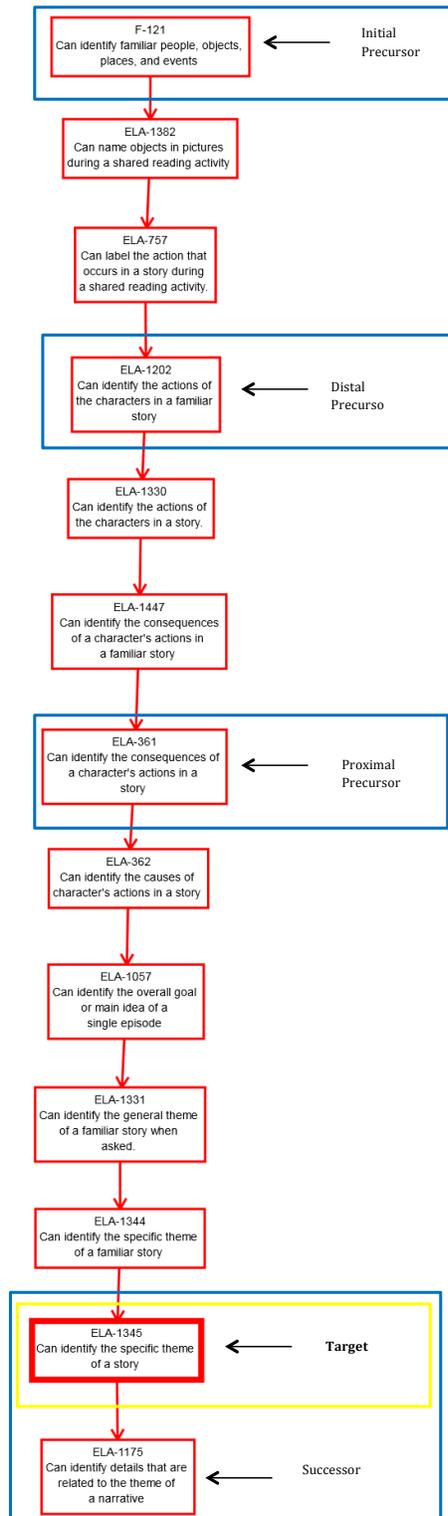


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 5TH GRADE

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.5.2 Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.</p>	<p>ELA.EE.RL.5.2 Identify the central idea or theme of a story, drama, or poem.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify details that are related to the theme of a narrative <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify the specific theme of a story <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the consequences of a character's actions in a story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the actions of the characters in a familiar story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events

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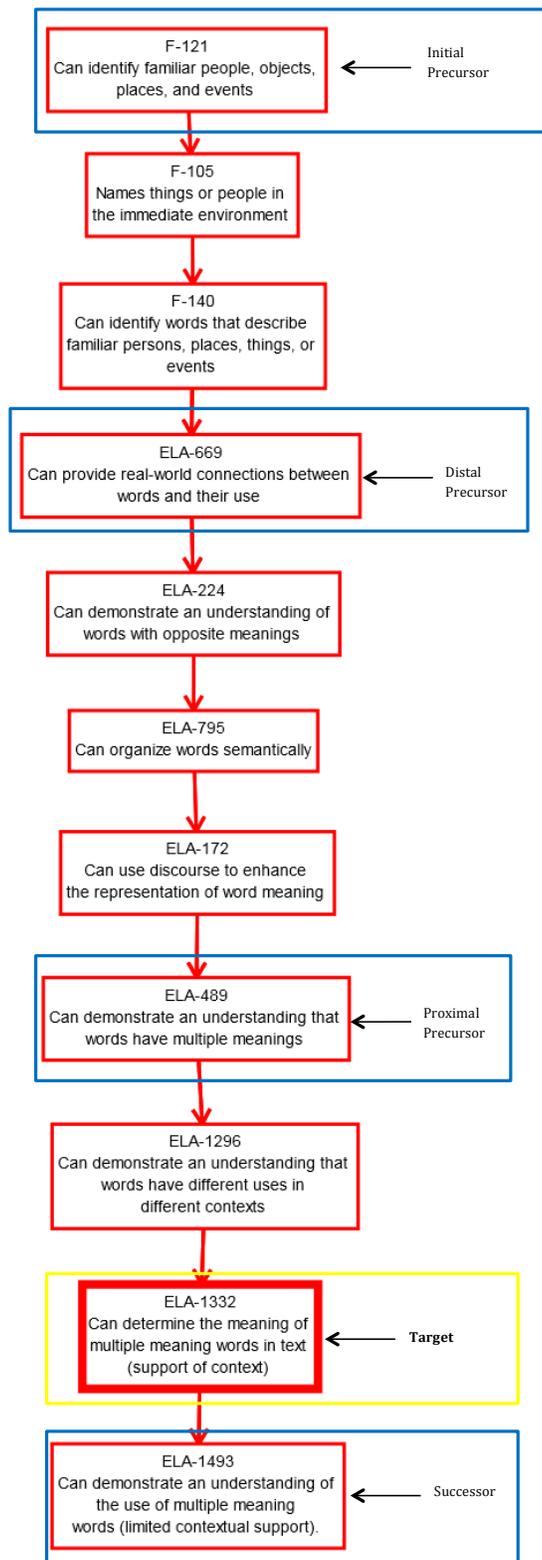


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 5TH GRADE ELA.EE.RL.5.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.5.4 Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes.</p>	<p>ELA.EE.RL.5.4 Determine the intended meaning of multi-meaning words in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding of the use of multiple meaning words (limited contextual support) <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the meaning of multiple meaning words in text (support of context) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that words have multiple meanings <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can provide real-world connections between words and their use <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events

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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

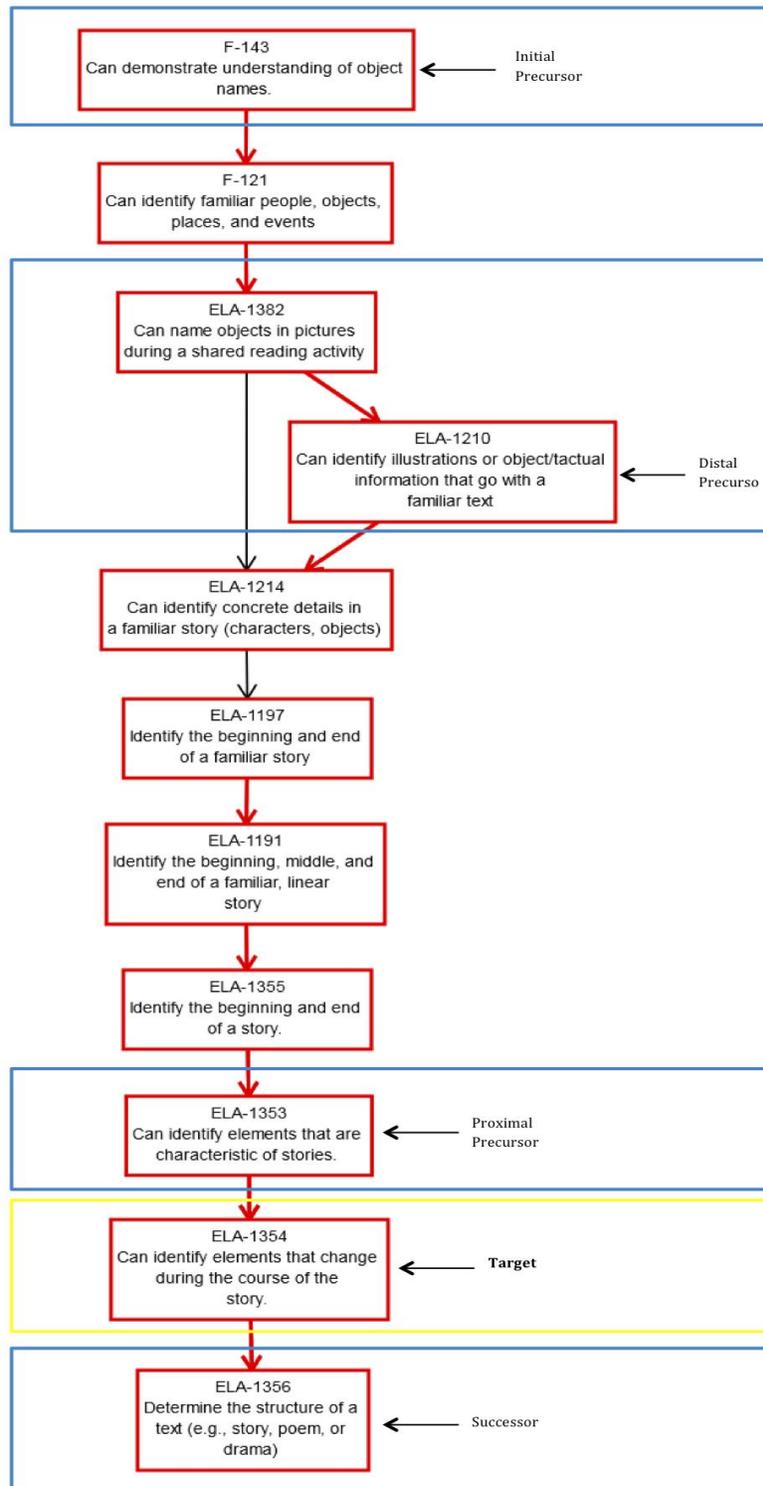
ELA: 5TH GRADE

ELA.EE.RL.5.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.5.5 Explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem.</p>	<p>ELA.EE.RL.5.5 Identify a story element that undergoes change from beginning to end.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Determine the structure of a text (e.g., story, poem, or drama) <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify elements that change during the course of the story <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify elements that are characteristic of stories <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can identify illustrations that go with a familiar text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of object names



ELA.EE.RL.5.5- Identify a story element that undergoes change from beginning to end.



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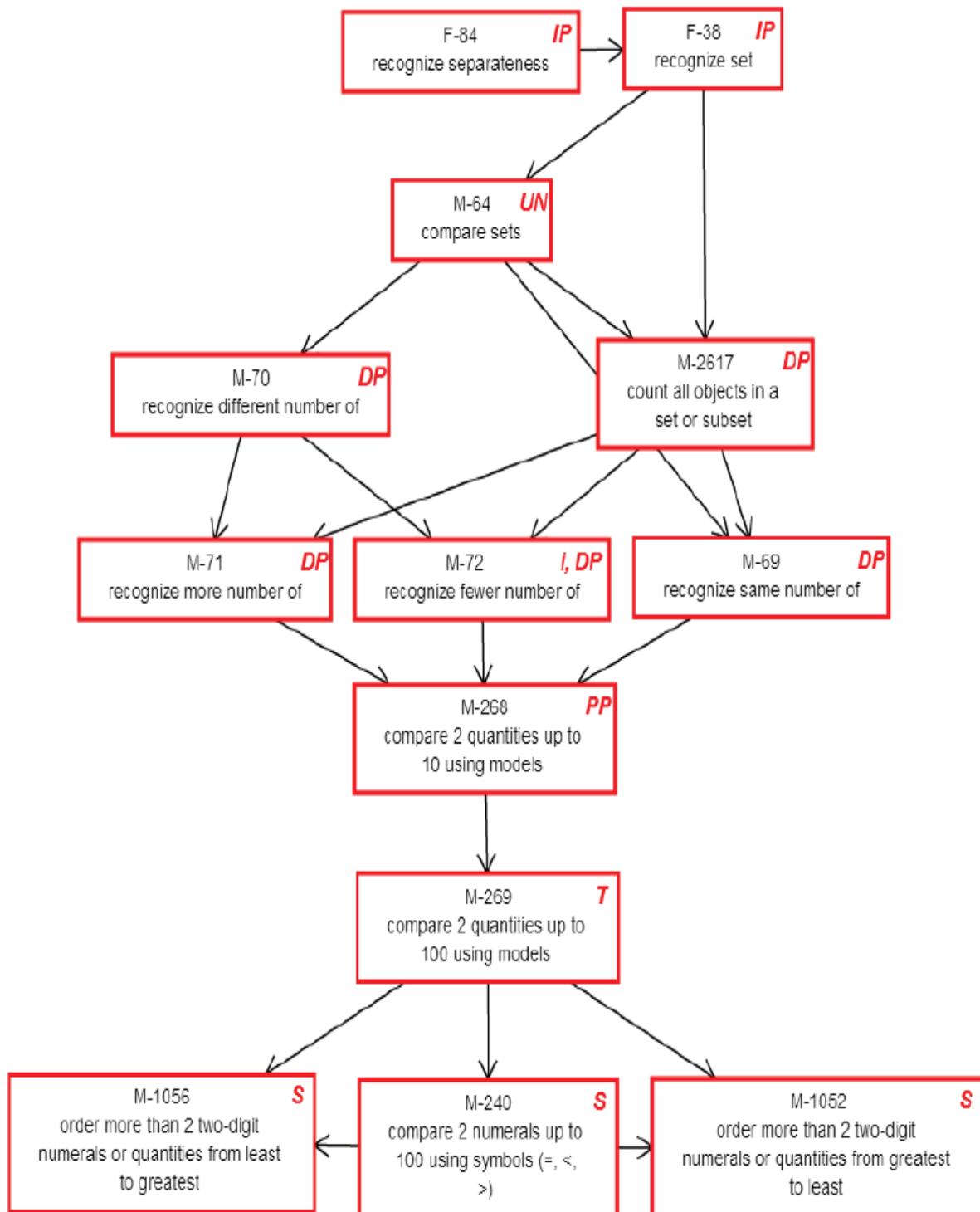
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 5TH GRADE

M.EE.5.NBT.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.</p>	<p>M.EE.5.NBT.1 Compare numbers up to 99 using base ten models.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare 2 numerals up to 100 using symbols (=, <, >) • Order more than 2 two-digit numerals or quantities from greatest to least • Order more than 2 two-digit numerals or quantities from least to greatest <p>Target Nodes:</p> <ul style="list-style-type: none"> • Compare 2 quantities up to 100 using models <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Compare 2 quantities up to 10 using models <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Count all objects in a set or subset • Recognize same number of • Recognize different number of • Recognize more number of • Recognize fewer number of <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set

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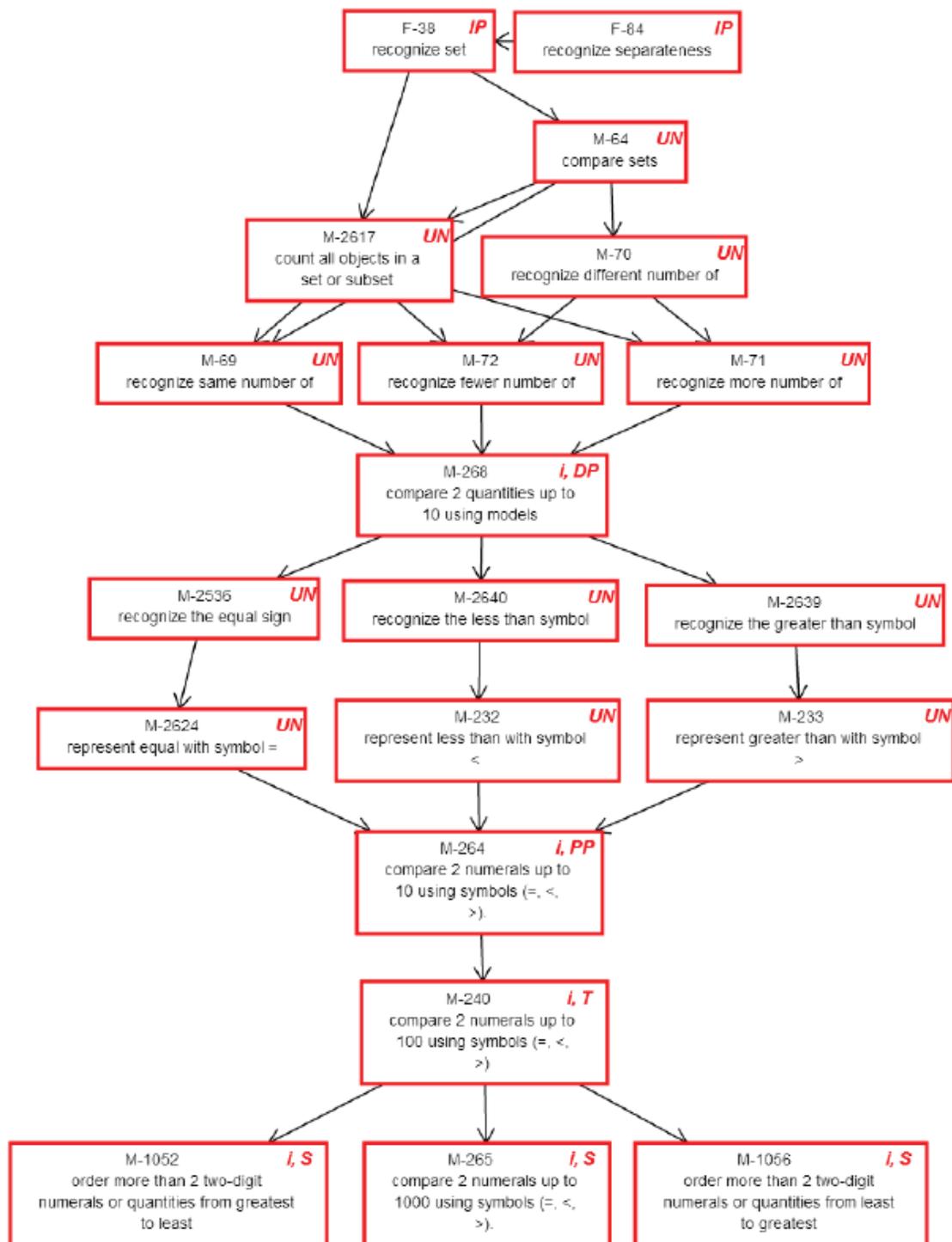
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 5TH GRADE

M.EE.5.NBT.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.NBT.3; 5.NBT.3.a; 5.NBT.3.b Read, write, and compare decimals to 1000ths.</p>	<p>M.EE.5.NBT.3 Compare whole numbers up to 100 using symbols (<, >, =)</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare 2 numerals up to 1000 using symbols (=, <, >) • Order more than 2 two-digit numerals or quantities from greatest to least • Order more than 2 two-digit numerals or quantities from least to greatest <p>Target Nodes:</p> <ul style="list-style-type: none"> • Compare 2 numerals up to 100 using symbols (=, <, >) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Compare 2 numerals up to 10 using symbols (=, <, >) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Compare 2 quantities up to 10 using models <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set

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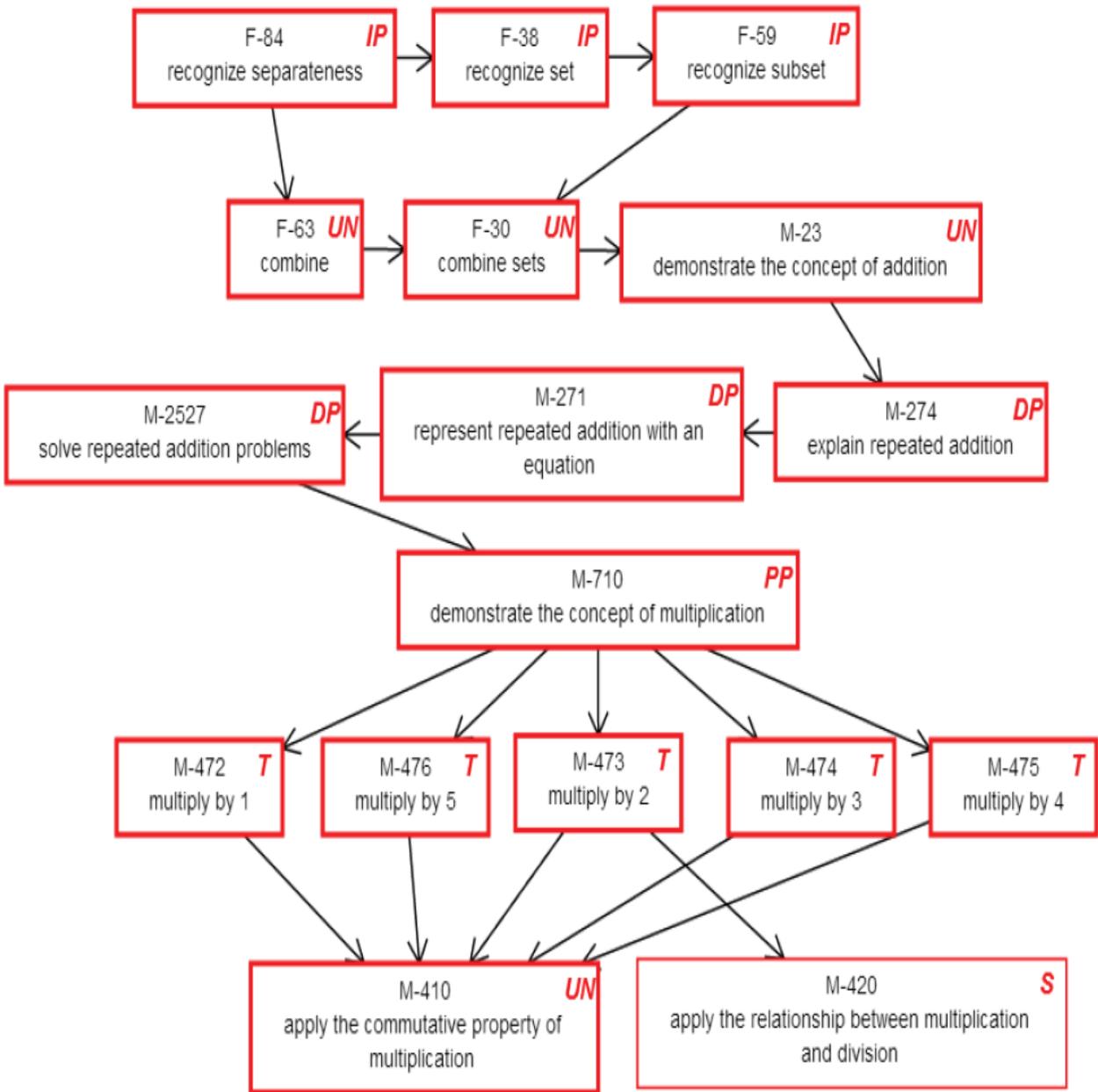
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 5TH GRADE

M.EE.5.NBT.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm.</p>	<p>M.EE.5.NBT.5 Multiply whole numbers up to 5 x 5.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Apply the relationship between multiplication and division <p>Target Nodes:</p> <ul style="list-style-type: none"> • Multiply by 1 • Multiply by 2 • Multiply by 3 • Multiply by 4 • Multiply by 5 <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate the concept of multiplication <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated addition • Represent repeated addition with an equation • Solve repeated addition problems <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set • Recognize subset

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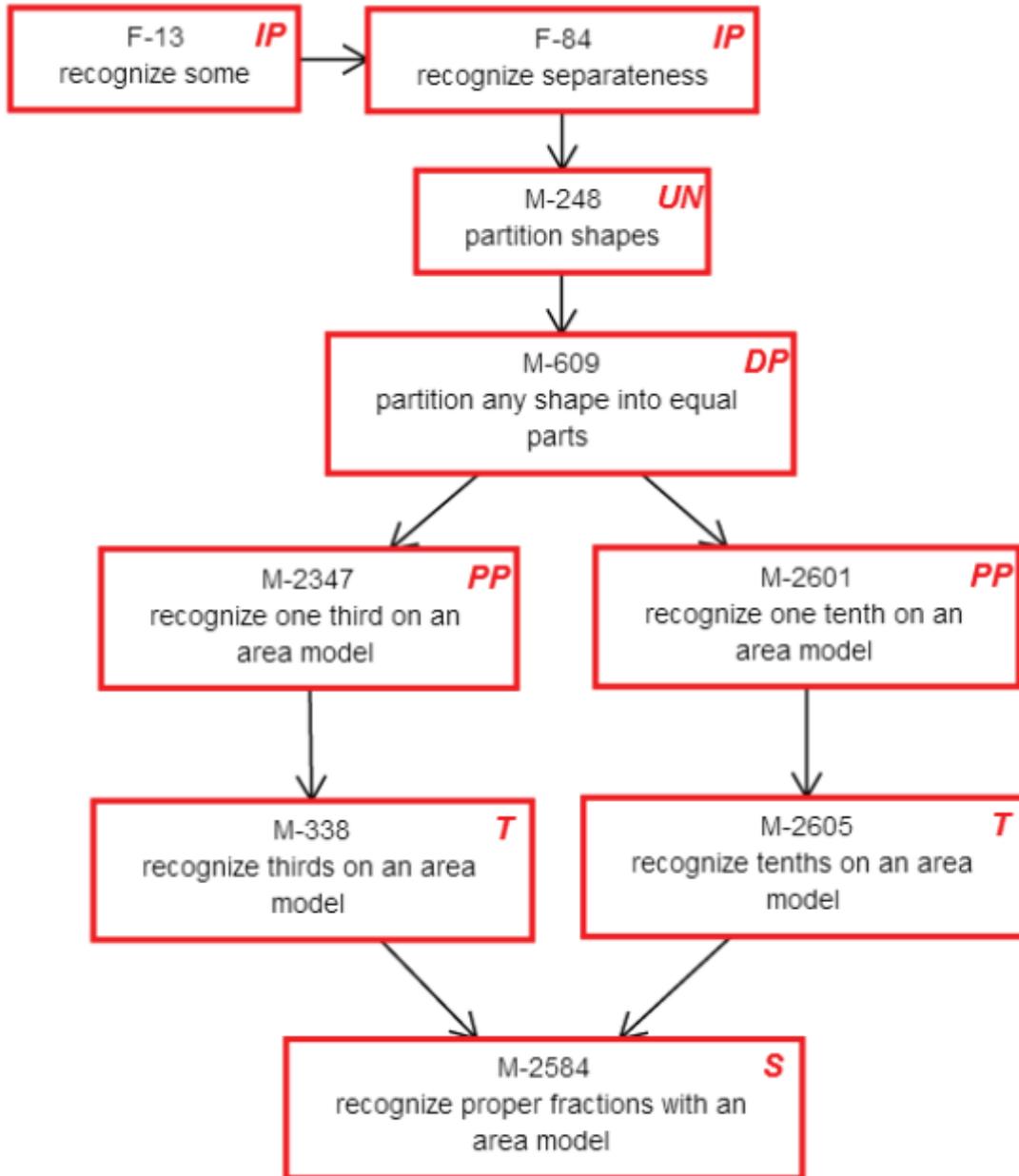
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 5TH GRADE

M.EE.5.NF.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.NF.2 Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators.</p>	<p>M.EE.5.NF.2 Identify models of thirds ($1/3$, $2/3$, $3/3$) and tenths ($1/10$, $2/10$, $3/10$, $4/10$, $5/10$, $6/10$, $7/10$, $8/10$, $9/10$, $10/10$).</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Recognize proper fractions with an area model <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize thirds on an area model • Recognize tenths on an area model <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize one third on an area model • Recognize one tenth on an area model <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Partition any shape into equal parts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize some • Recognize separateness

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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

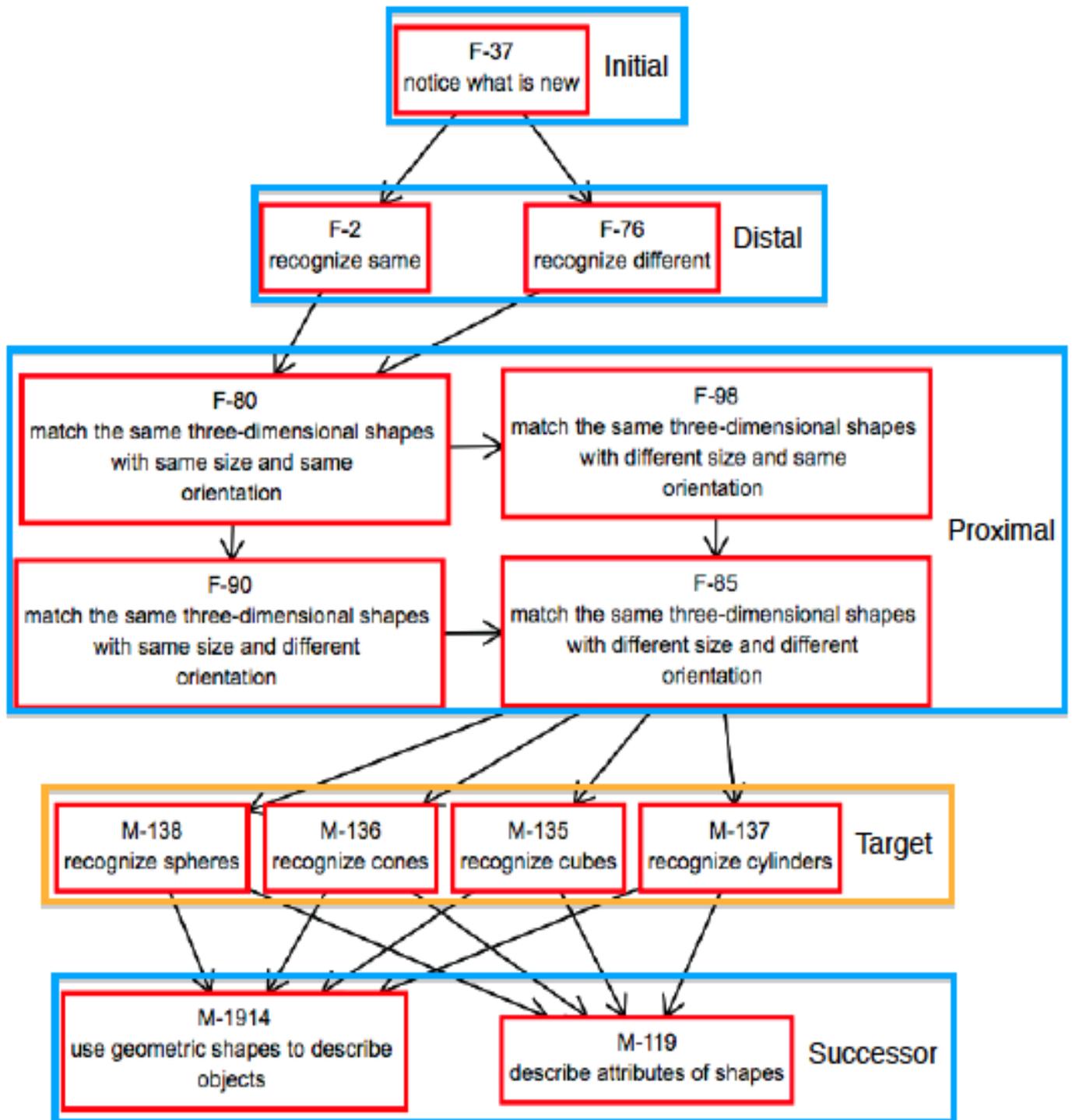
MATH 5TH GRADE

M.EE.5.MD.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.MD.3 Recognize volume as an attribute of solid figures and understand concepts of volume measurement.</p>	<p>M.EE.5.MD.3 Identify common three-dimensional shapes.</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Describe attributes of shapes • Use geometric shapes to describe objects <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize cubes • Recognize cones • Recognize cylinders • Recognize spheres <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Match the same three-dimensional shapes with same size and same orientation • Match the same three-dimensional shapes with same size and different orientation • Match the same three-dimensional shapes with different size and same orientation • Match the same three-dimensional shapes with different size and different orientation <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize different • Recognize same <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Notice what is new



M.EE.5.MD.3- Identify common three-dimensional shapes.



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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

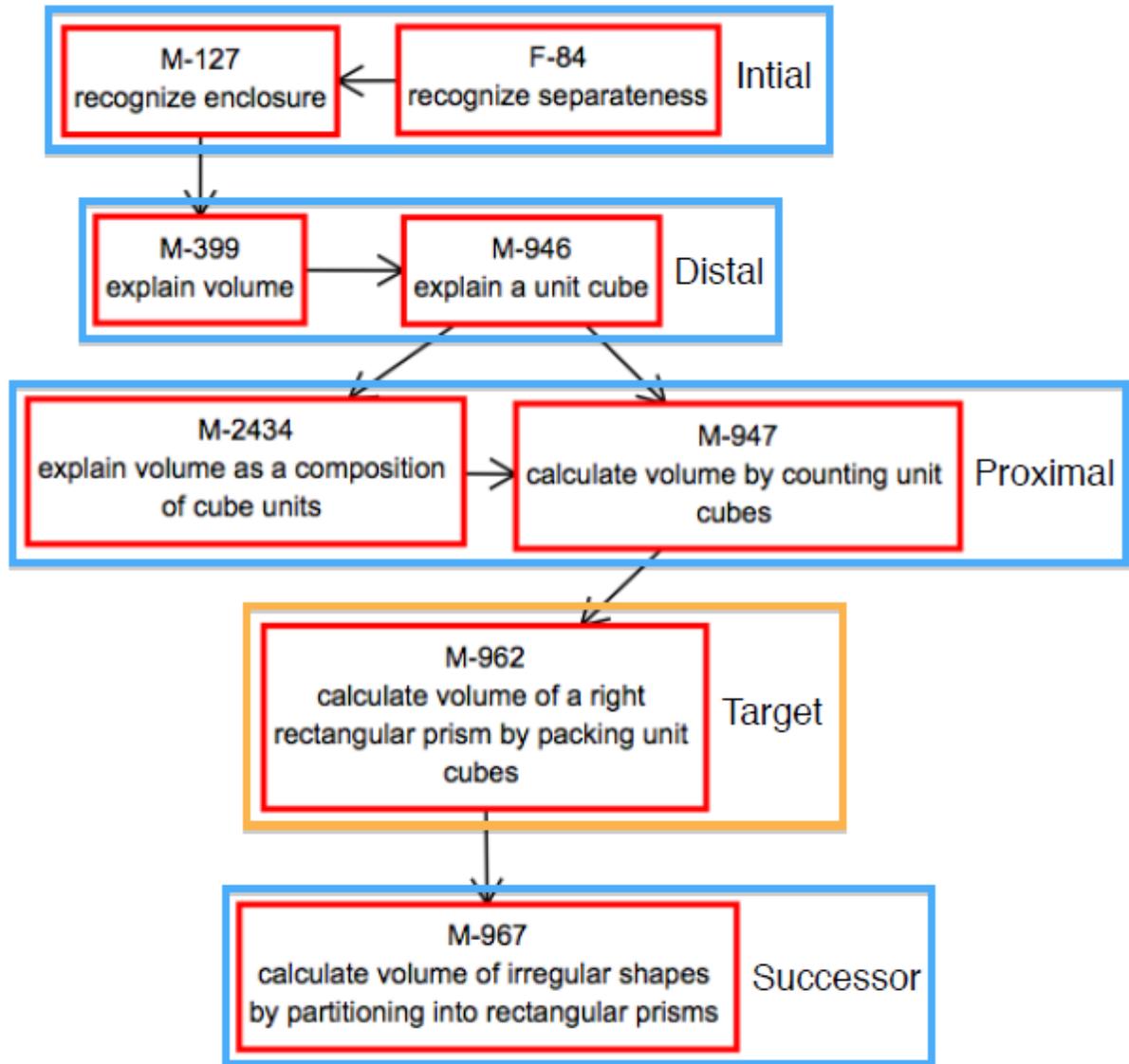
MATH 5TH GRADE

M.EE.5.MD.4-5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.MD.4 Measure volumes by counting unit cubes, using cubic cm., cubic in., cubic ft., and improvised units.</p> <p>M.5.MD.5 Relate volume to the operations of multiplication and addition, and solve real-world and mathematical problems involving volume.</p>	<p>M.EE.5.MD.4-5 Determine the volume of a cube by counting units of measure (unit cubes).</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> Calculate volume of irregular shapes by portioning into rectangular prisms <p>Target Node:</p> <ul style="list-style-type: none"> Calculate volume of a right rectangular prism by packing unit cubes. <p>Proximal Precursor:</p> <ul style="list-style-type: none"> Explain volume as a composition of cube units Calculate volume by counting unit cubes <p>Distal Precursor:</p> <ul style="list-style-type: none"> Explain volume Explain a unit cube <p>Initial Precursor:</p> <ul style="list-style-type: none"> Recognize separateness Recognize enclosure



M.EE.5.MD.4-5 Determine the volume of a rectangular prism by counting units of measure (unit cubes).





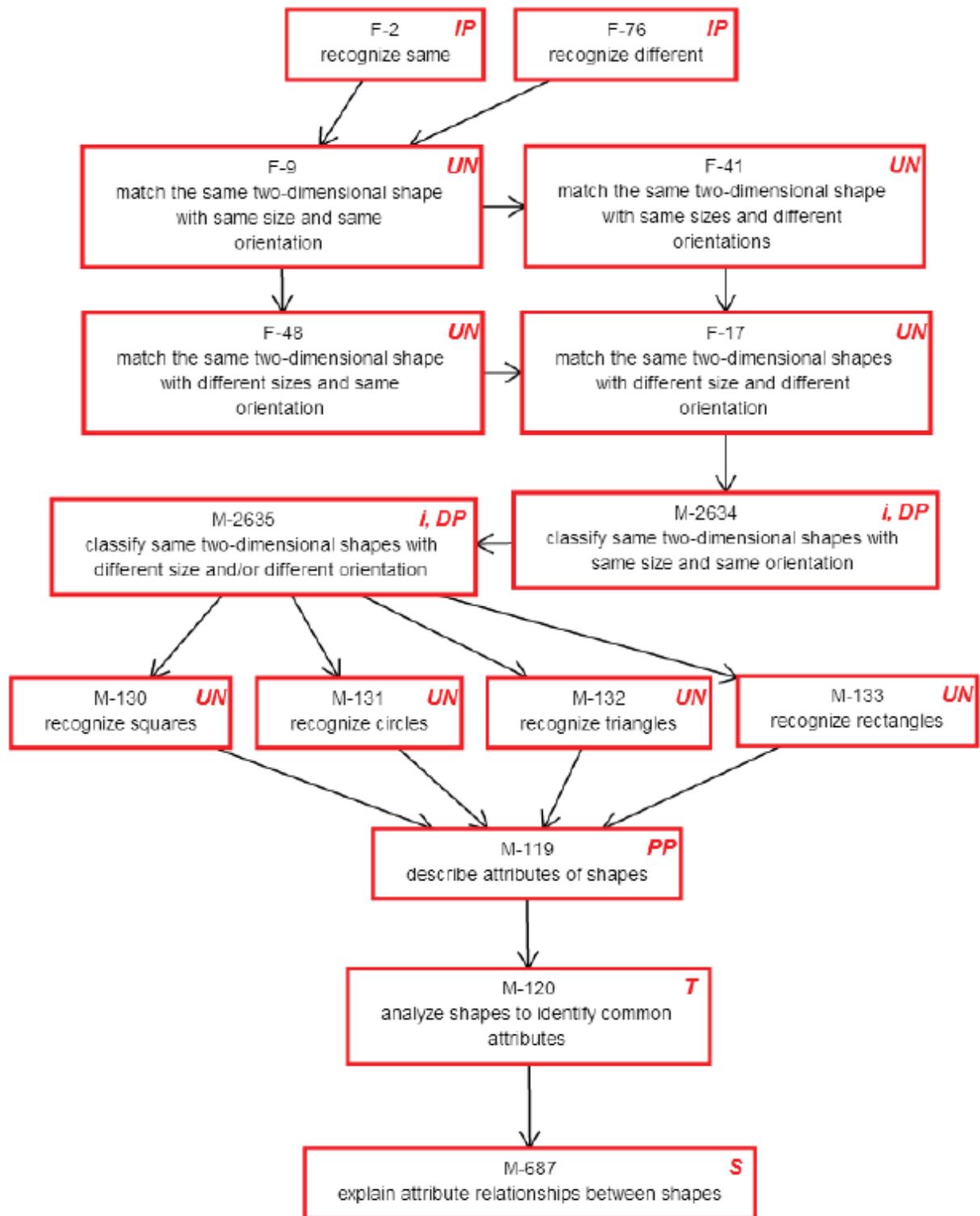
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 5TH GRADE

M.EE.5.G.1-4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.5.G.1; M.5.G.2; M.5.G.3; M.5.G.4</p>	<p>M.EE.5.G.1-4 Sort two-dimensional figures and identify the attributes (angles, number of sides, corners, color) they have in common.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain attribute relationships between shapes <p>Target Nodes:</p> <ul style="list-style-type: none"> • Analyze shapes to identify common attributes <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Describe attributes of shapes <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Classify same two-dimensional shapes with same size and same orientation • Classify same two-dimensional shapes with different size and/or different orientation <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different

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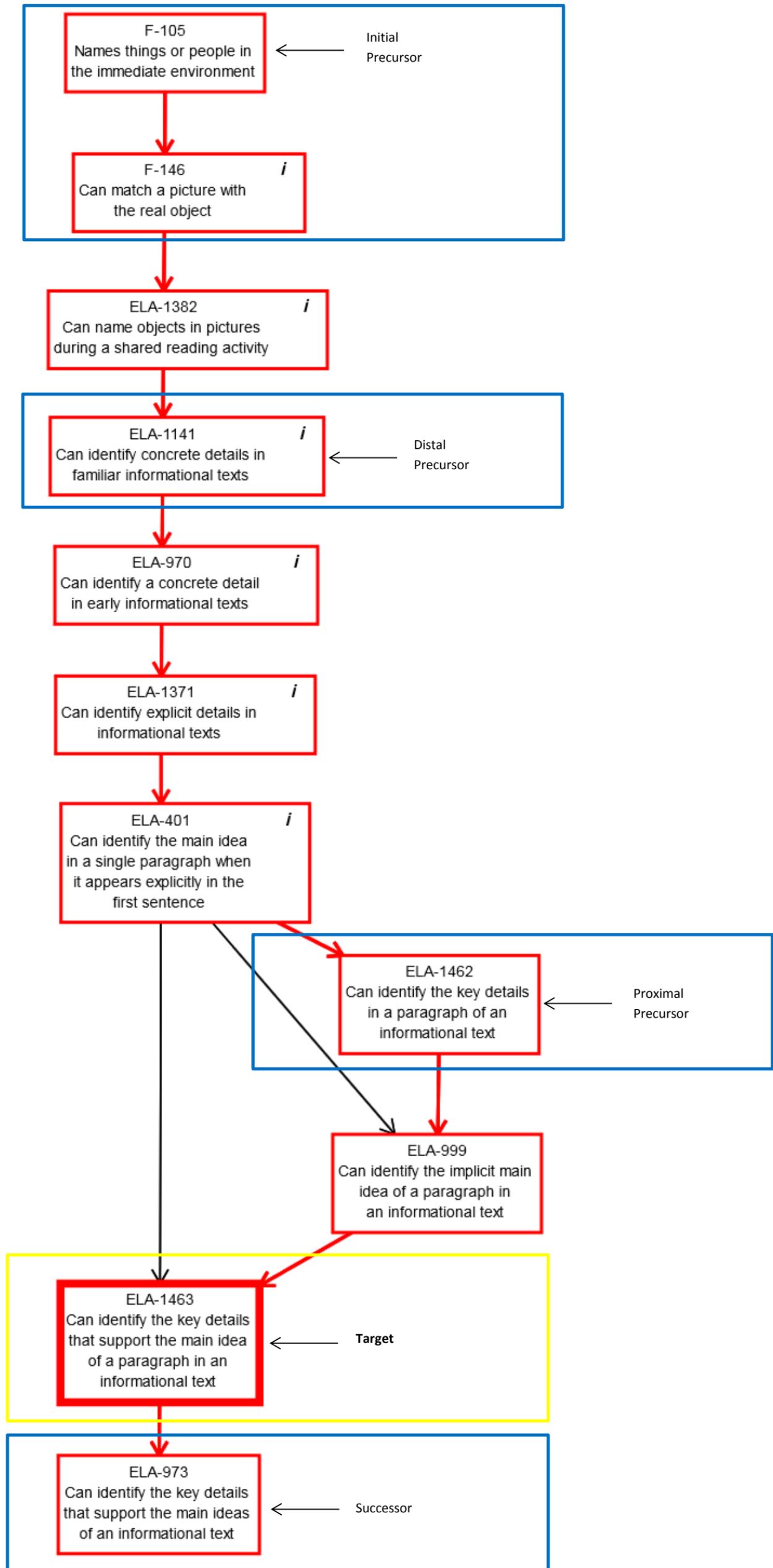
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Grade 6 Reading and Math

ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE ELA.EE.RI.6.2

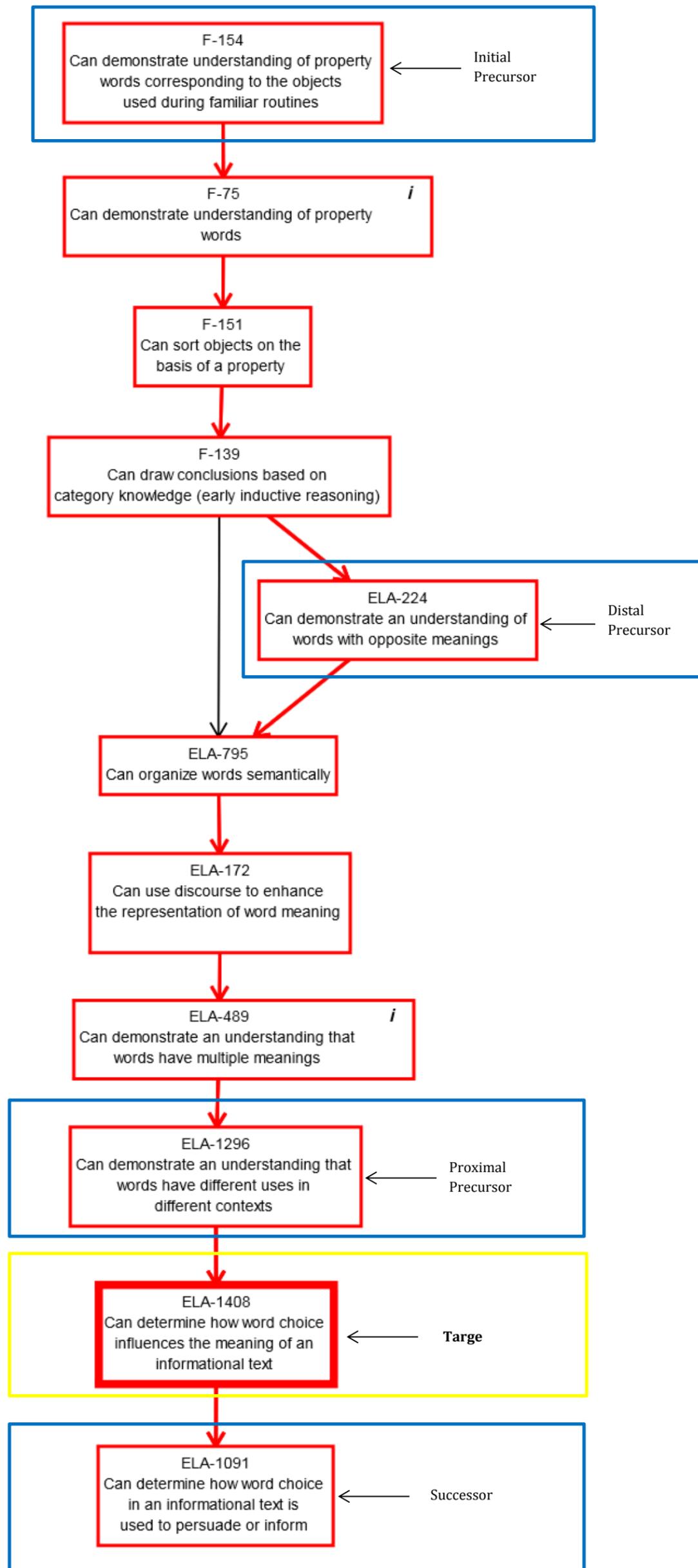
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.6.2 Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments</p>	<p>ELA.EE.RI.6.2 Determine the main idea of a passage and details or facts related to it.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the key details that support the main ideas of an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can identify the key details that support the main idea of a paragraph in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the key details in a paragraph of an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in familiar informational texts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can match a picture with the real object (<i>supporting node</i>) • Names things or people in the immediate environment



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE ELA.EE.RI.6.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RI.6.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.	ELA.EE.RI.6.4 Determine how word choice changes the meaning of a text.	Successor Node: <ul style="list-style-type: none"> • Can determine how word choice in an informational text is used to persuade or inform Target Nodes: <ul style="list-style-type: none"> • Can determine how word choice influences the meaning of an informational text Proximal Precursor: <ul style="list-style-type: none"> • Can demonstrate an understanding that words have different uses in different contexts Distal Precursor: <ul style="list-style-type: none"> • Can demonstrate an understanding of words with opposite meanings Initial Precursor: <ul style="list-style-type: none"> • Can demonstrate understanding of property words corresponding to the objects used during familiar routines





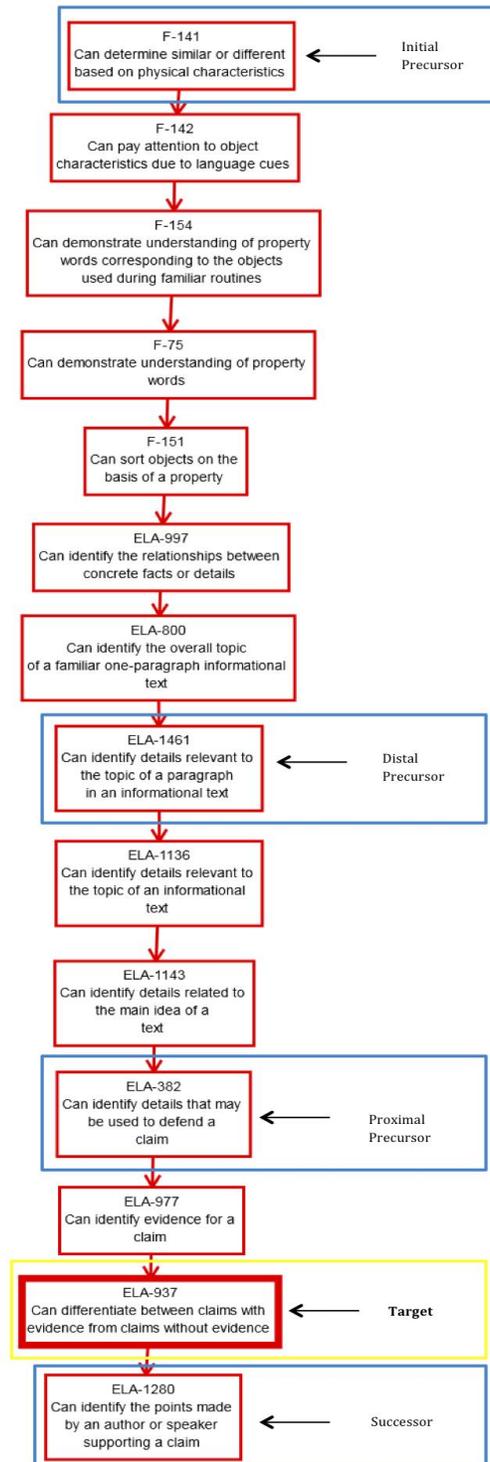
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE

ELA.EE.RI.6.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.6.8 Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not.</p>	<p>ELA.EE.RI.6.8 Distinguish claims in a text supported by reason.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the points made by an author or speaker supporting a claim <p>Target Node:</p> <ul style="list-style-type: none"> • Can differentiate between claims with evidence from claims without evidence <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify details that may be used to defend a claim <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify details relevant to the topic of a paragraph in an informational text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can determine similar or different based on physical characteristics

ELA.EE.RI.6.8- Distinguish claims in a text support by reason.



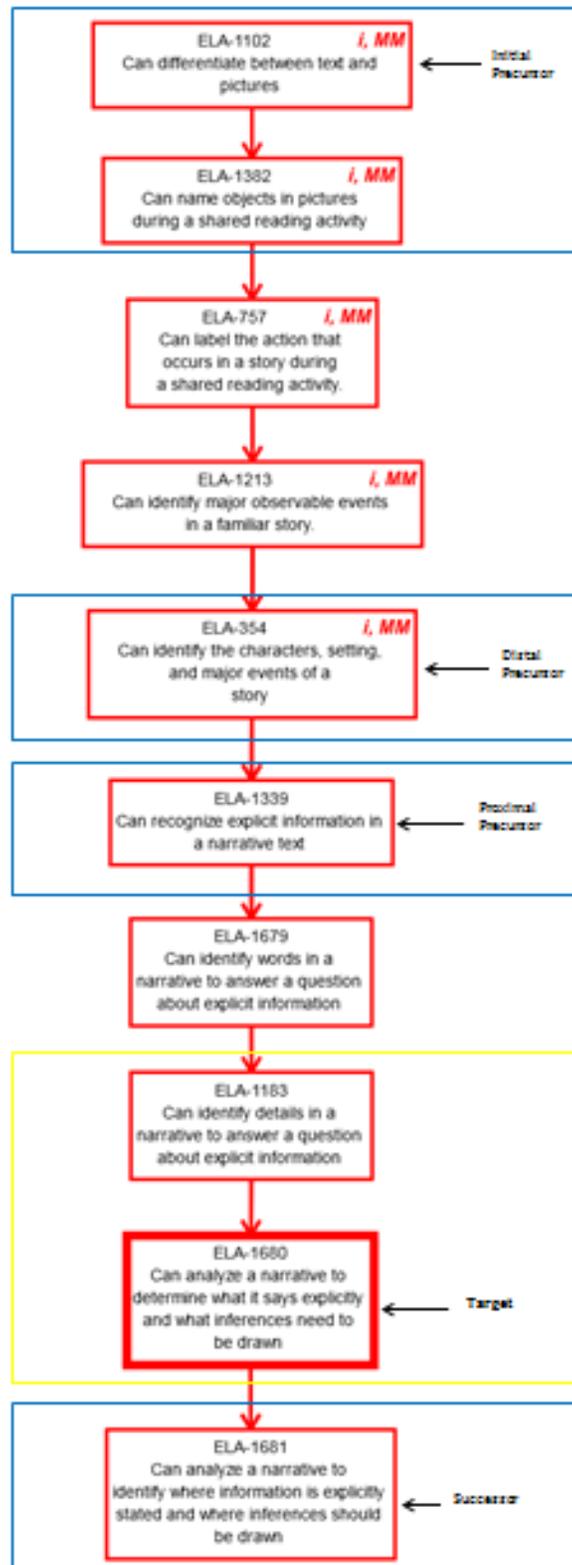
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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE ELA.EE.RL.6.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.6.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.</p>	<p>ELA.EE.RL.6.1 Determine what a text says explicitly as well as what simple inferences must be drawn.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can analyze a narrative to identify where information is explicitly stated and where inferences should be drawn <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can analyze a narrative to determine what it says explicitly and what inferences must be drawn • Can identify details in a narrative to answer a question about explicit information (<i>supporting node</i>) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can recognize explicit information in a narrative text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the characters, setting, and major events of a story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can differentiate between text and pictures

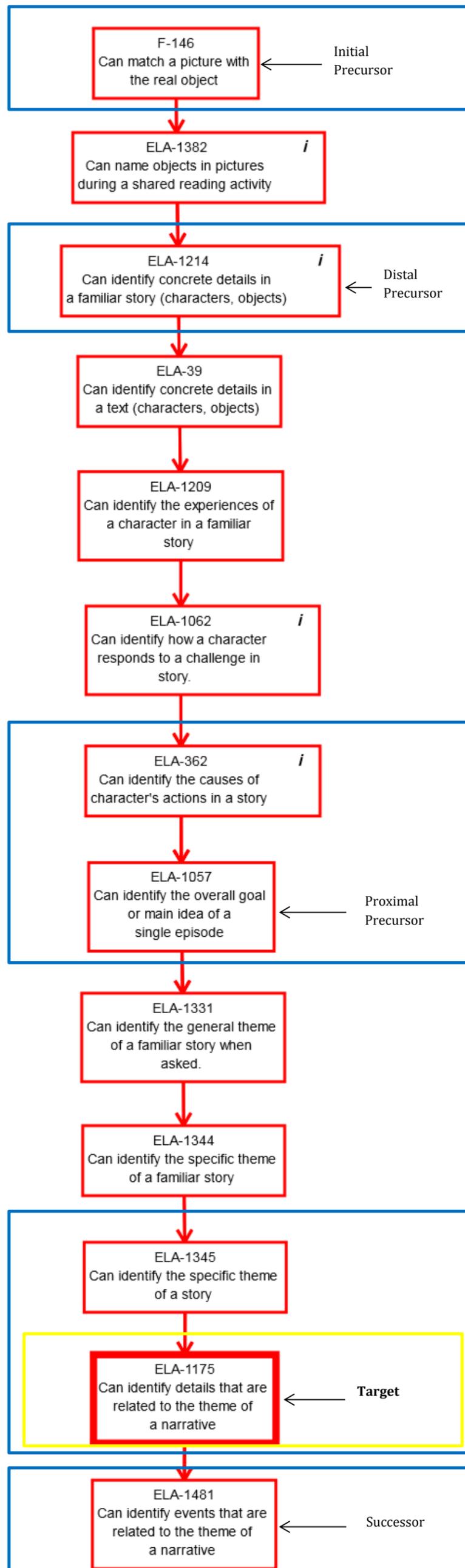


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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE ELA.EE.RL.6.2

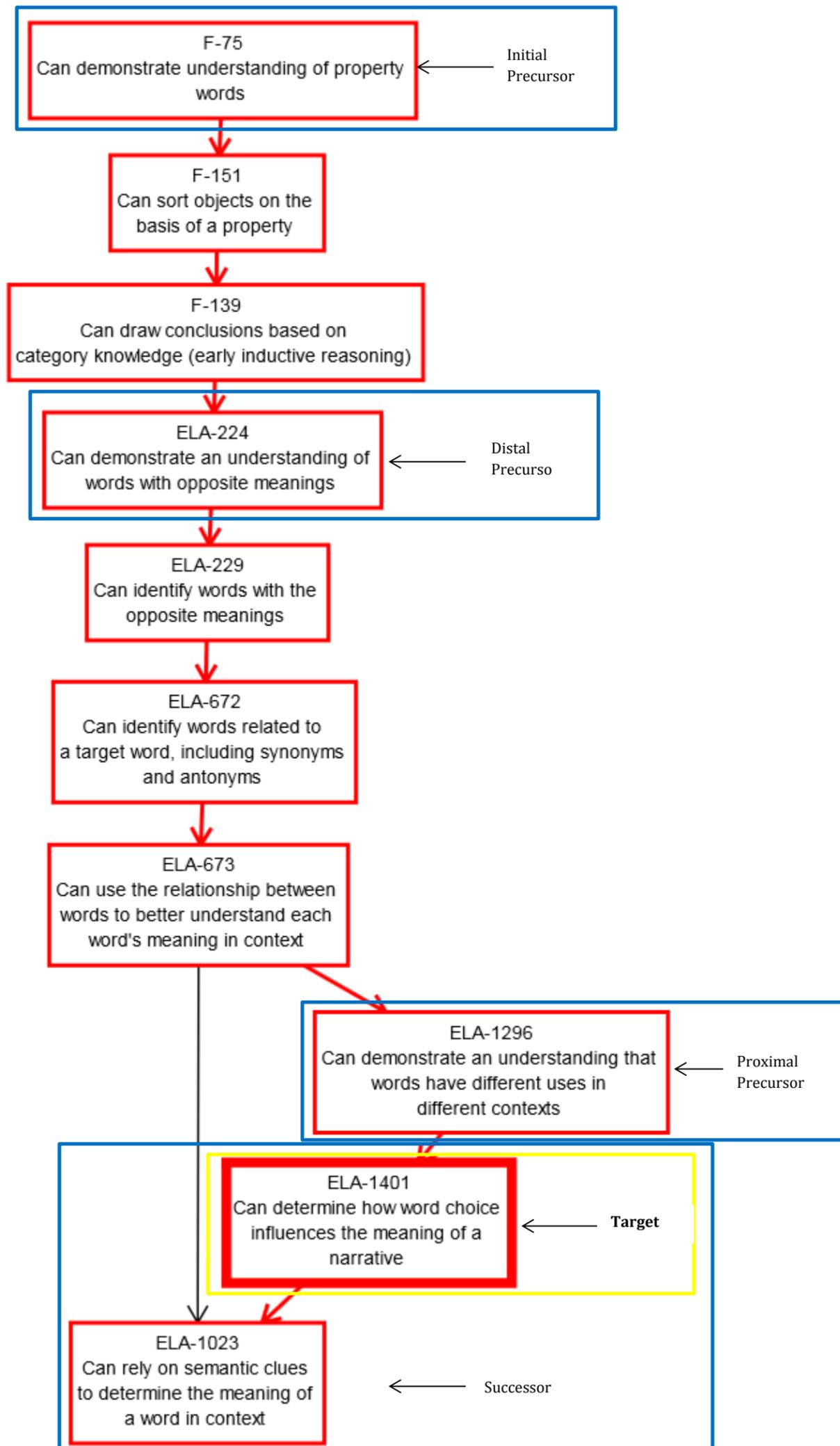
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.6.2 Determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.</p>	<p>ELA.EE.RL.6.2 Identify details in a text that are related to a theme or central idea.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify events that are related to the theme of a narrative <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can identify details that are related to the theme of a narrative • Can identify the specific theme of a story (<i>supporting node</i>) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the overall goal or main idea of a single episode • Can identify the causes of character's actions in a story (<i>supporting node</i>) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (characters, objects) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can match a picture with the real object



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 6TH GRADE ELA.EE.RL.6.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.6.4 Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of a specific word choice on meaning and tone.</p>	<p>ELA.EE.RL.6.4 Determine how word choice changes the meaning in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can rely on semantic clues to determine the meaning of a word in context <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine how word choice influences the meaning of a narrative <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that words have different uses in different contexts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding of words with opposite meanings <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of property words





ESSENTIAL ELEMENT, NODES, AND MINI-MAP

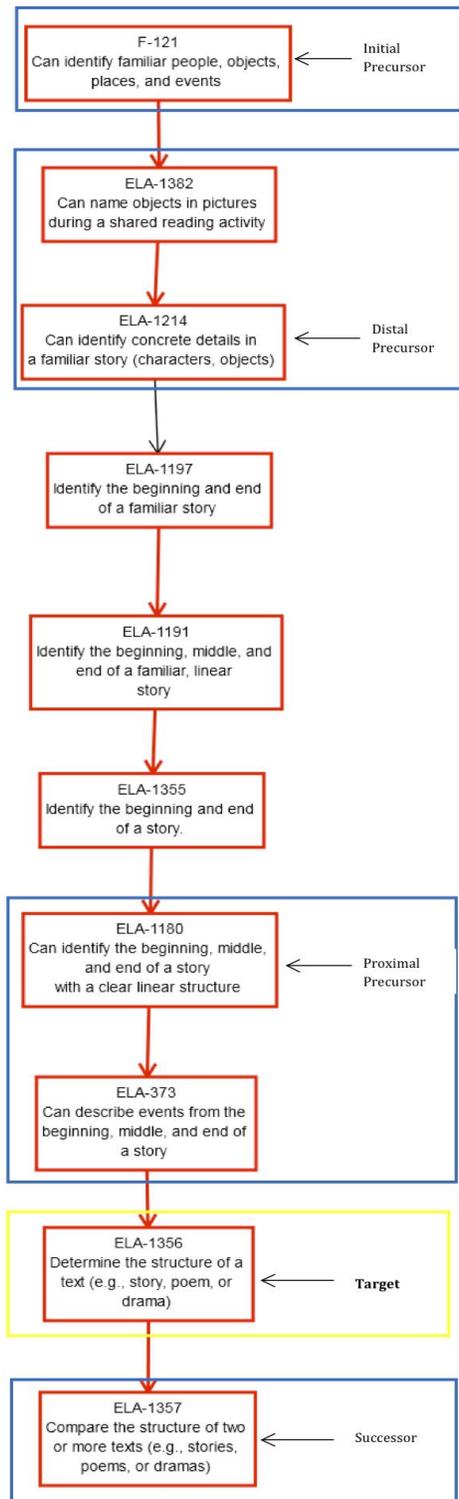
ELA: 6TH GRADE

ELA.EE.RL.6.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.6.5 Analyze how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text and contributes to the development of the theme, setting, or plot.</p>	<p>ELA.EE.RL.6.5 Determine the structure of a text (e.g., story, poem, or drama).</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare the structure of two or more texts (e.g., stories, poems, or dramas) <p>Target Node:</p> <ul style="list-style-type: none"> • Determine the structure of a text (e.g., story, poem, or drama) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can describe events from the beginning, middle, and end of a story (<i>supporting node</i>) • Can identify the beginning, middle, and end of a story with a clear linear structure <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can identify concrete details in a familiar story (characters, objects) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify familiar people, objects, places, and events



ELA.EE.RL.6.5- Determine the structure of a text (e.g., story, poem, or drama).



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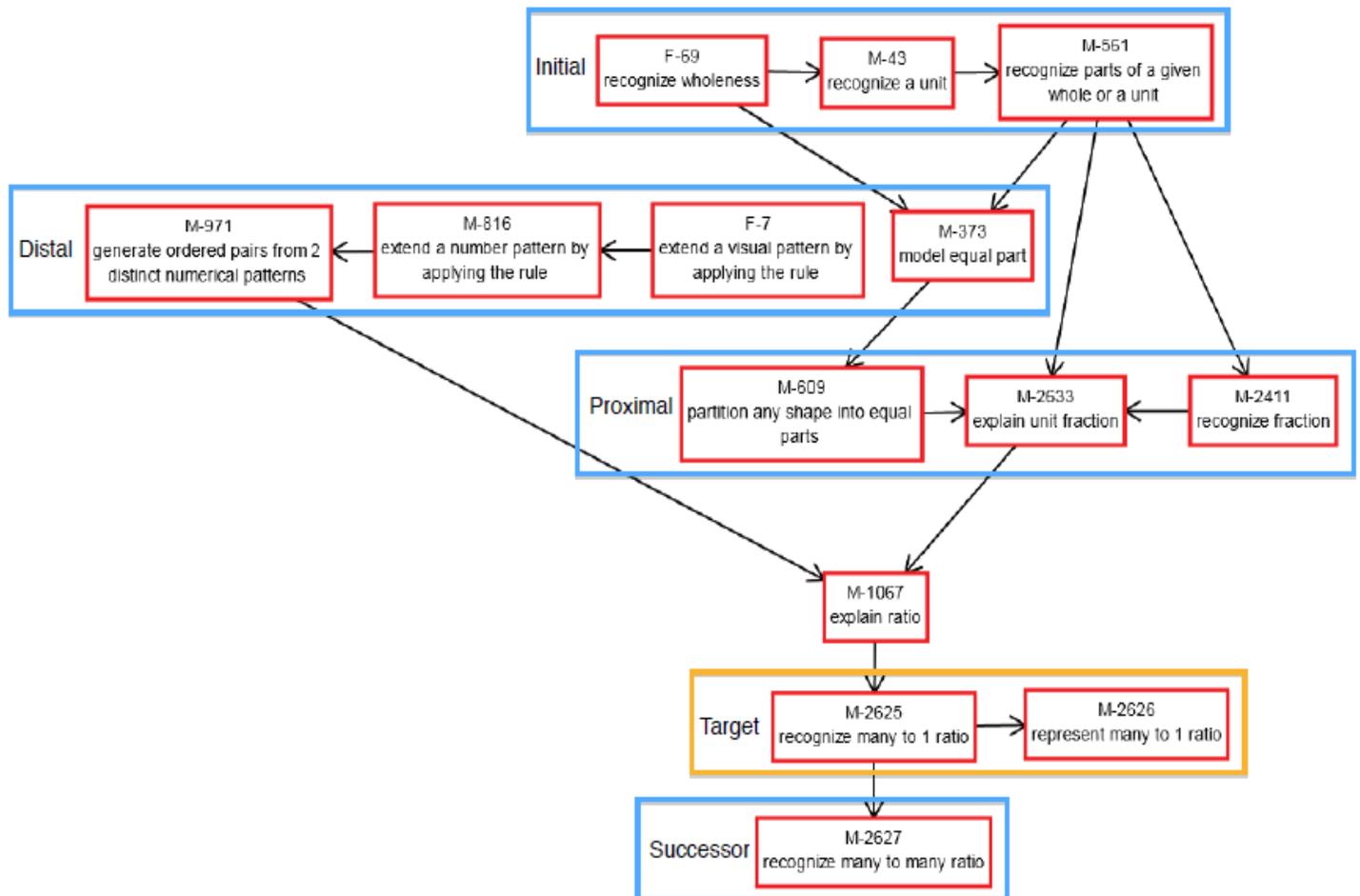
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 6TH GRADE

M.EE.6.RP.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.6.RP.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.</p>	<p>M.EE.6.RP.1 Demonstrate a simple ratio relationship.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Recognize many to many ratio <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize many to one ratio • Represent many to one ratio <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize fraction • Explain unit fraction • Partition any shape into equal parts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Extend a visual pattern by applying the rule • Extend a number pattern by applying the rule • Generate ordered pairs from 2 distinct numerical patterns • Model equal part <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize wholeness • Recognize a unit • Recognize parts of a given whole or unit

M.EE.6.RP.1- Demonstrate a simple ratio relationship



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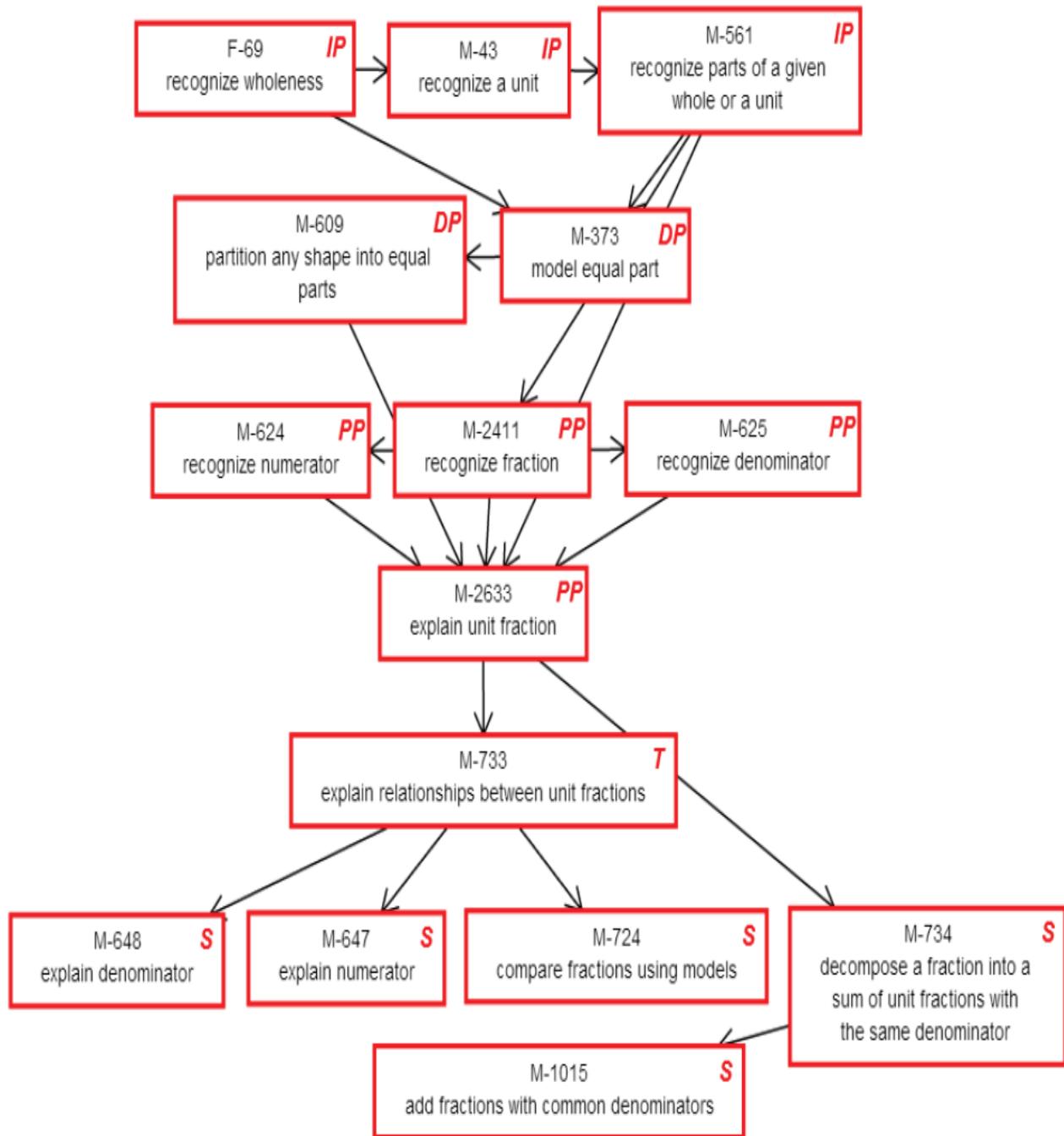
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 6TH GRADE

M.EE.6.NS.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.6.NS.1 Interpret and compute quotients of fractions, and solve word problems involving division of fractions, e.g., by using visual fraction models and equations to represent the problem.</p>	<p>M.EE.6.NS.1 Compare the relationships between two unit fractions.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain numerator • Explain denominator • Compare fractions using models • Decompose a fraction into a sum of unit fractions with the same denominator • Add fractions with common denominators <p>Target Nodes:</p> <ul style="list-style-type: none"> • Explain relationships between unit fractions <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize fraction • Explain unit fraction • Recognize numerator • Recognize denominator <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Model equal part • Partition any shape into equal parts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize wholeness • Recognize a unit • Recognize parts of a given whole or unit

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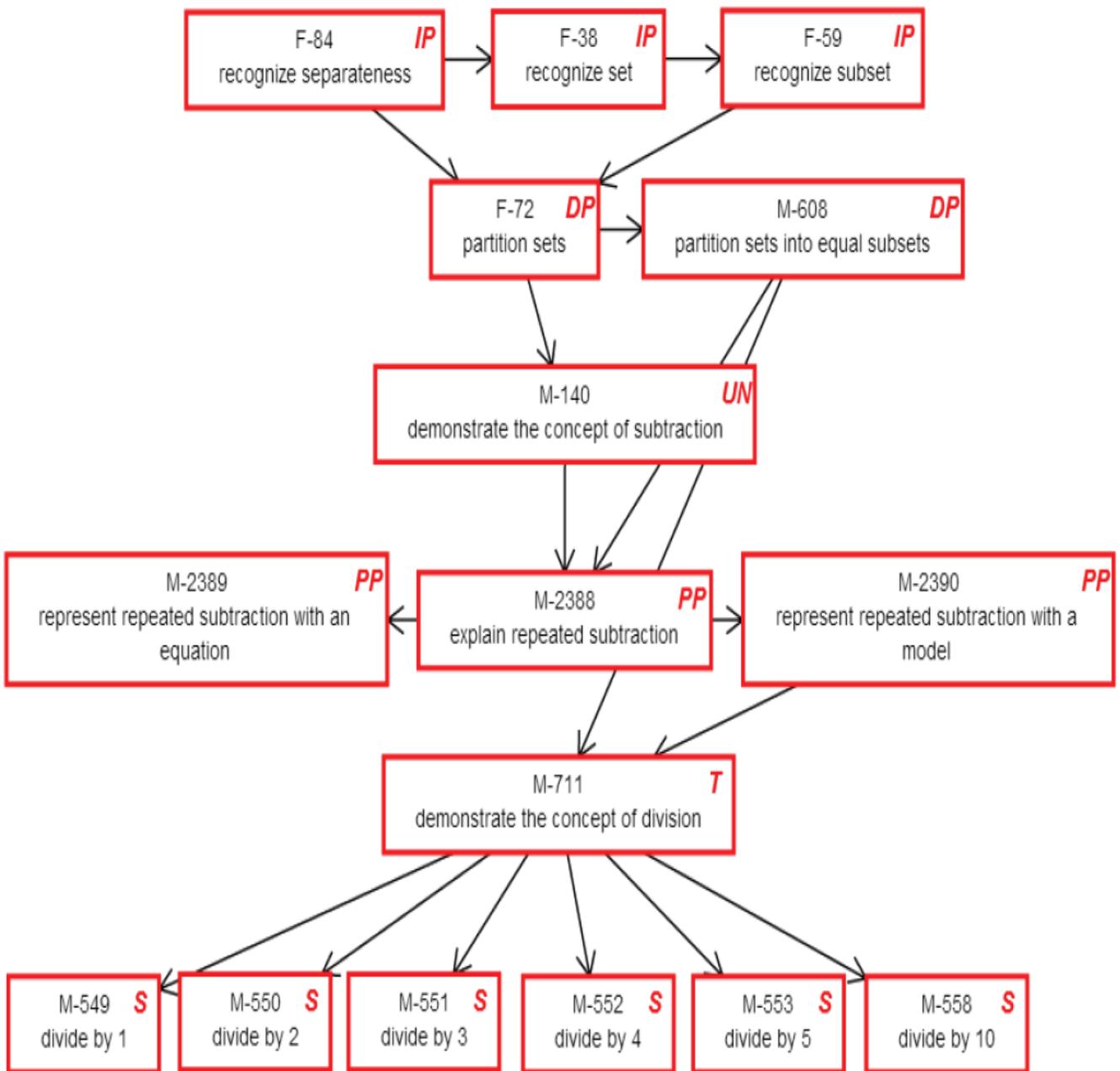
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 6TH GRADE

M.EE.6.NS.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.6.NS.2 Fluently divide multi-digit numbers using the standard algorithm.</p>	<p>M.EE.6.NS.2 Apply the concept of fair share and equal shares to divide.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Divide by 1,2,3,4,5, and 10 <p>Target Nodes:</p> <ul style="list-style-type: none"> • Demonstrate the concept of division <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated subtraction • Represent repeated subtraction with an equation • Represent repeated subtraction with a model <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Partition sets • Partition sets into equal subsets <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set • Recognize subset

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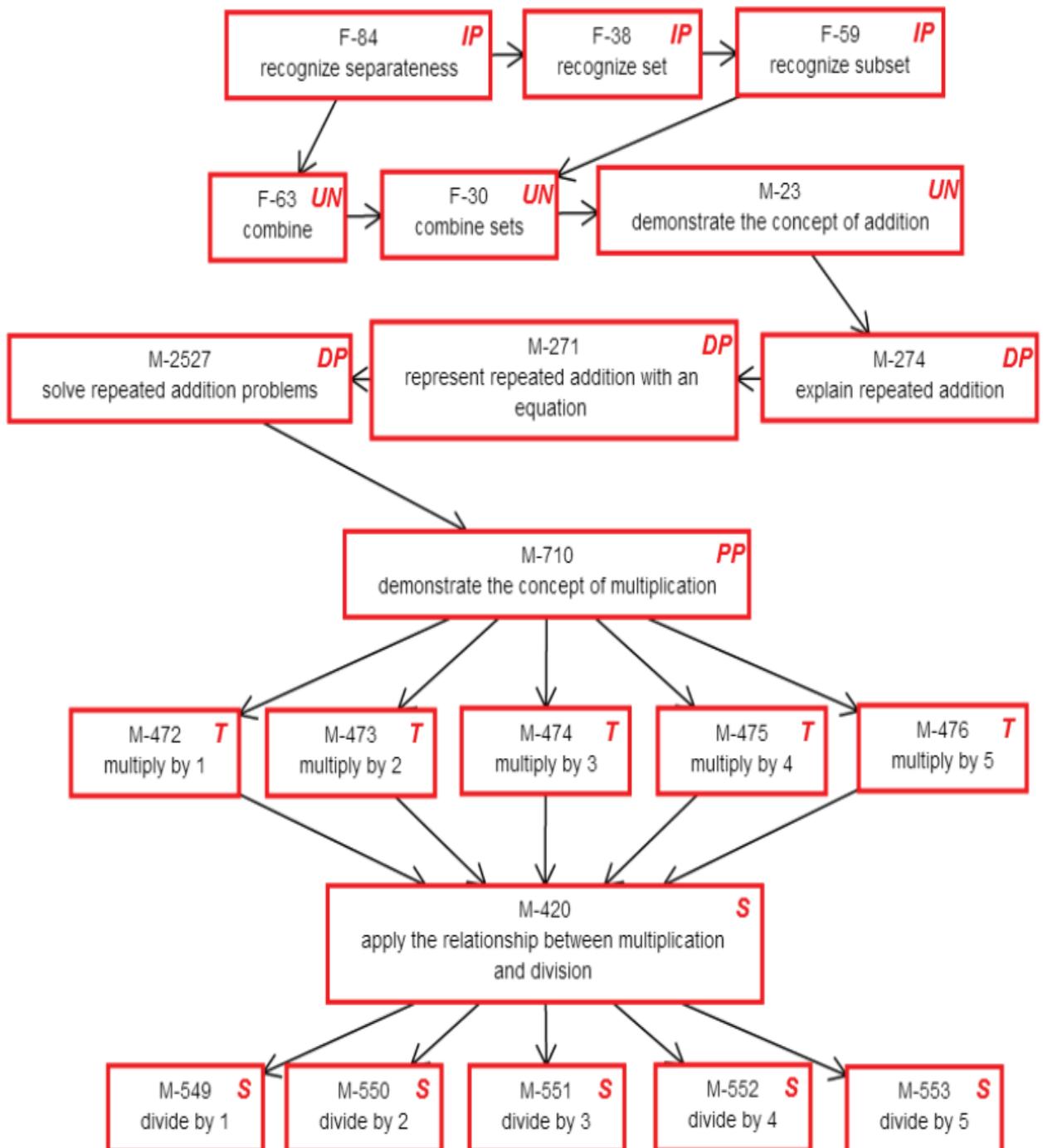
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 6TH GRADE

M.EE.6.NS.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.6.NS.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.</p>	<p>M.EE.6.NS.3 Solve two factor multiplication problems with products up to 50 using concrete objects and/or a calculator.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Apply the relationship between multiplication and division • Divide by 1 • Divide by 2 • Divide by 3 • Divide by 4 • Divide by 5 <p>Target Nodes:</p> <ul style="list-style-type: none"> • Multiply by 1 • Multiply by 2 • Multiply by 3 • Multiply by 4 • Multiply by 5 <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate the concept of multiplication <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated addition • Represent repeated addition with an equation • Solve repeated addition problems <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set • Recognize subset

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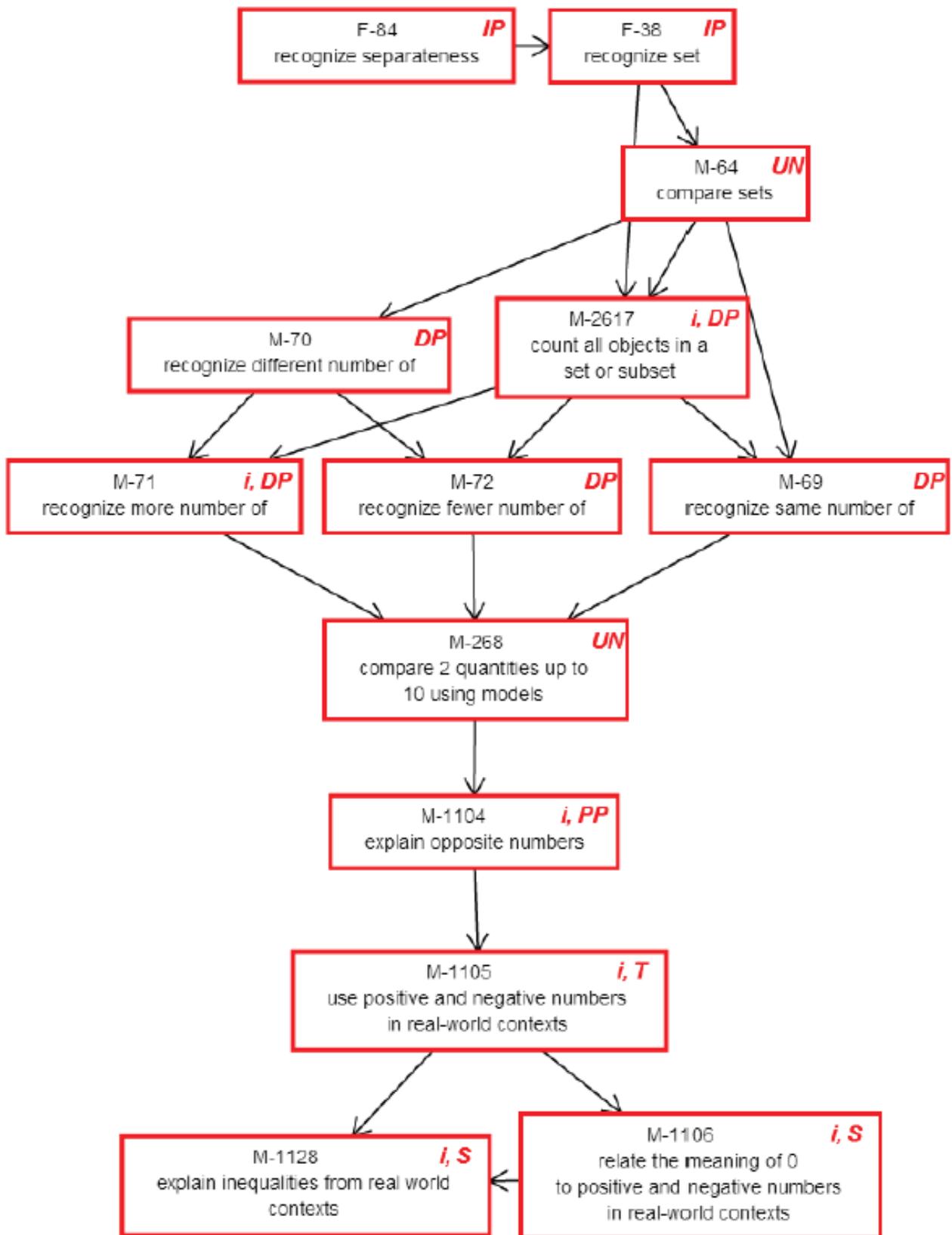


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 6TH GRADE

M.EE.6.NS.5-8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.6.NS.5; M.6.NS.6; M.6.NS.6.a	M.EE.6.NS.5-8 Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero).	Successor Node: <ul style="list-style-type: none"> • Relate the meaning of 0 to positive and negative numbers in real-world contexts • Explain inequalities from real world contexts Target Nodes: <ul style="list-style-type: none"> • Use positive and negative numbers in real-world contexts Proximal Precursor: <ul style="list-style-type: none"> • Explain opposite numbers Distal Precursor: <ul style="list-style-type: none"> • Count all objects in a set or subset • Recognize different number of • Recognize same number of • Recognize fewer number of • Recognize more number of Initial Precursor: <ul style="list-style-type: none"> • Recognize separateness • Recognize set



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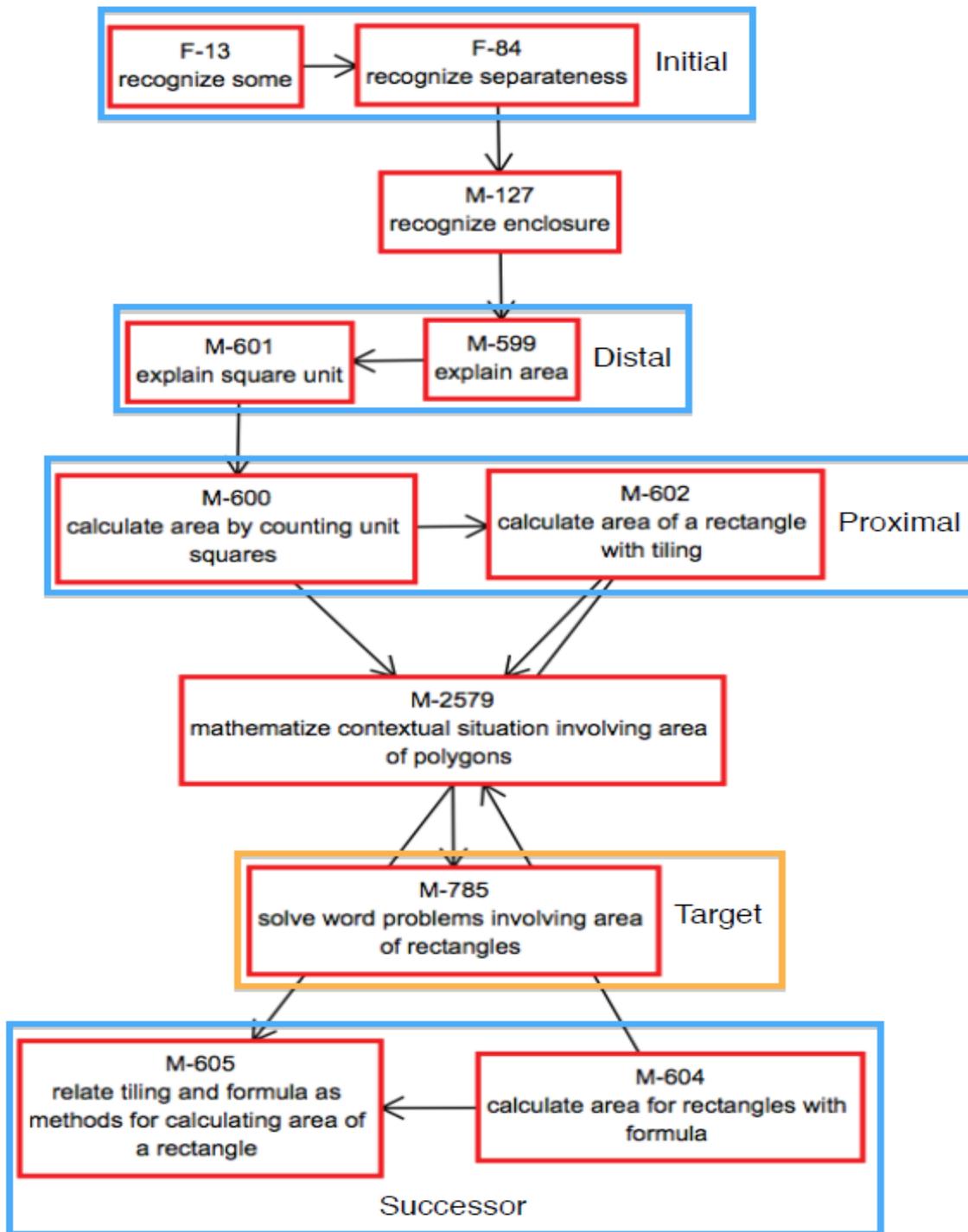
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 6TH GRADE

M.EE.6.G.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.6.G.1 Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.</p>	<p>M.EE.6.G.1 Solve real world and mathematical problems about area using unit squares.</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Calculate area for rectangles with formula • Relate tiling and formula as methods for calculating area of a rectangle <p>Target Node:</p> <ul style="list-style-type: none"> • Solve word problems involving area of rectangles <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Calculate area by counting unit squares • Calculate area of a rectangle with tiling <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain area • Explain square unit <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize some • Recognize separateness

M.EE.6.G.1 Solve real world and mathematical problems about area using unit squares.



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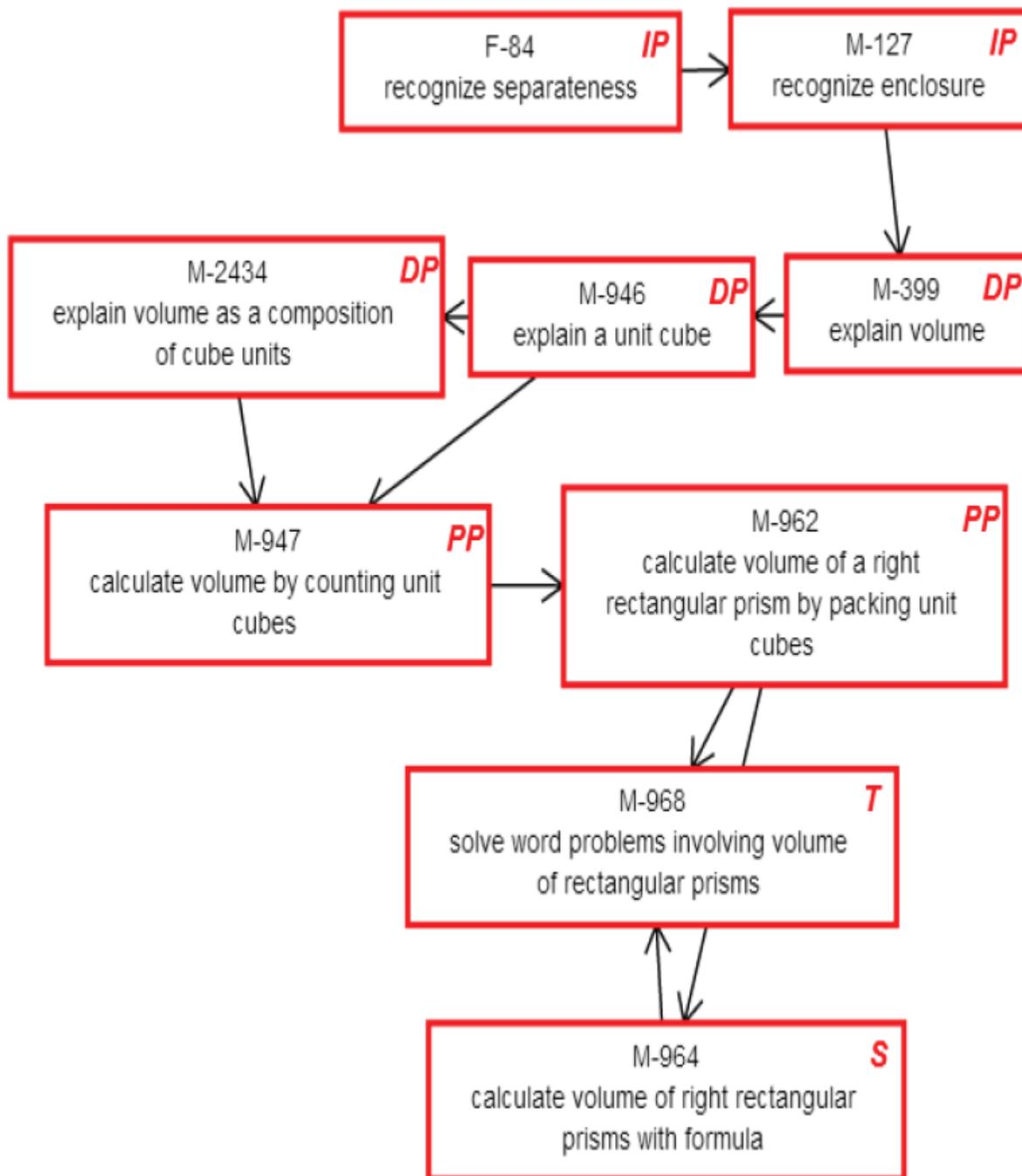
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 6TH GRADE

M.EE.6.G.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.6.G.2	M.EE.6.G.2 Solve real world and mathematical problems about volume using unit cubes.	<p>Successor Node:</p> <ul style="list-style-type: none"> • Calculate volume of right rectangular prisms with formula <p>Target Nodes:</p> <ul style="list-style-type: none"> • Solve word problems involving volume of rectangular prisms <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Calculate volume by counting unit cubes • Calculate volume of a right rectangular prism by packing unit cubes <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain volume • Explain a unit cube • Explain volume as a composition of cube units <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize enclosure • Recognize separateness

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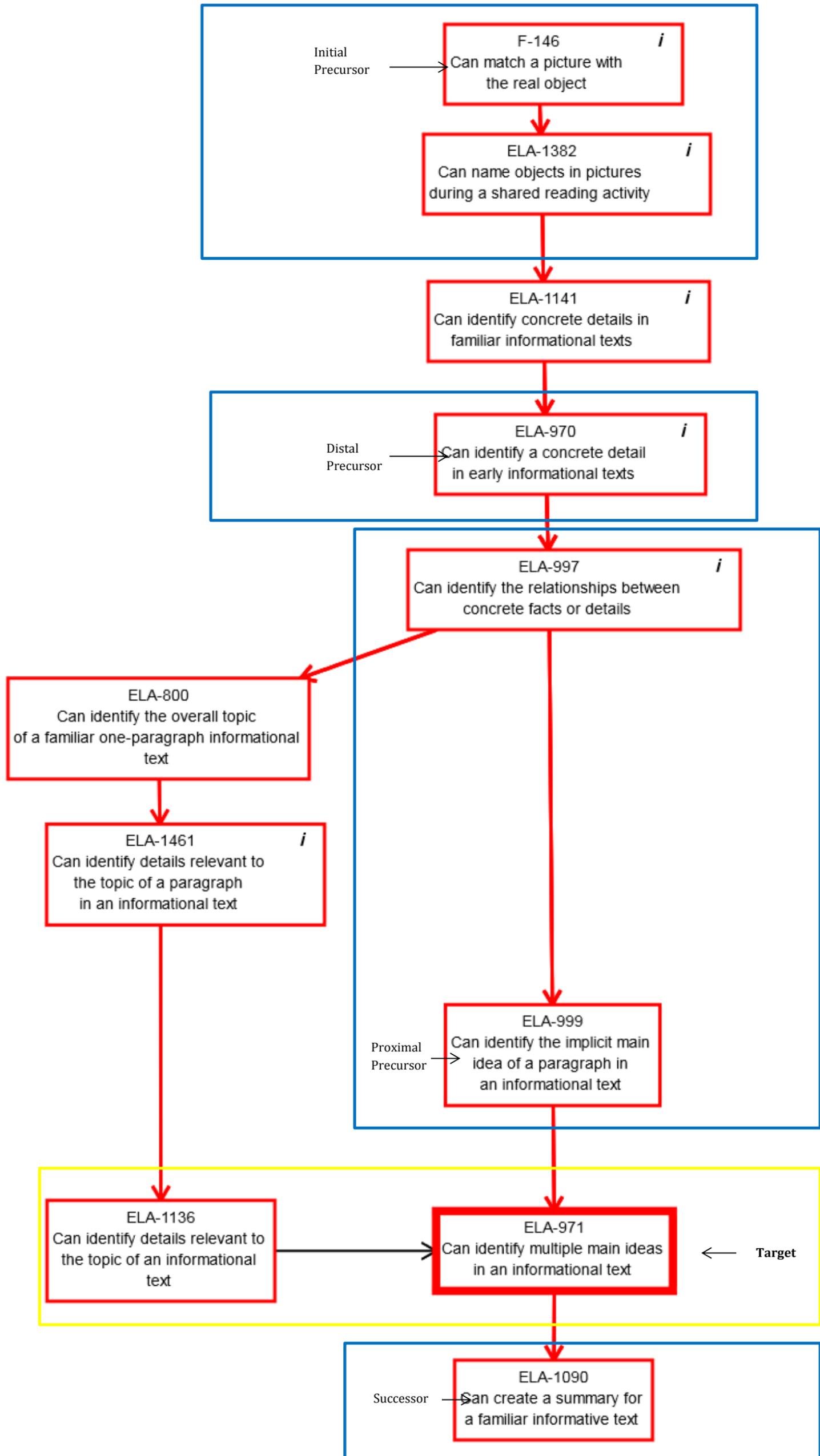
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Grade 7 Reading and Math

ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE ELA.EE.RI.7.2

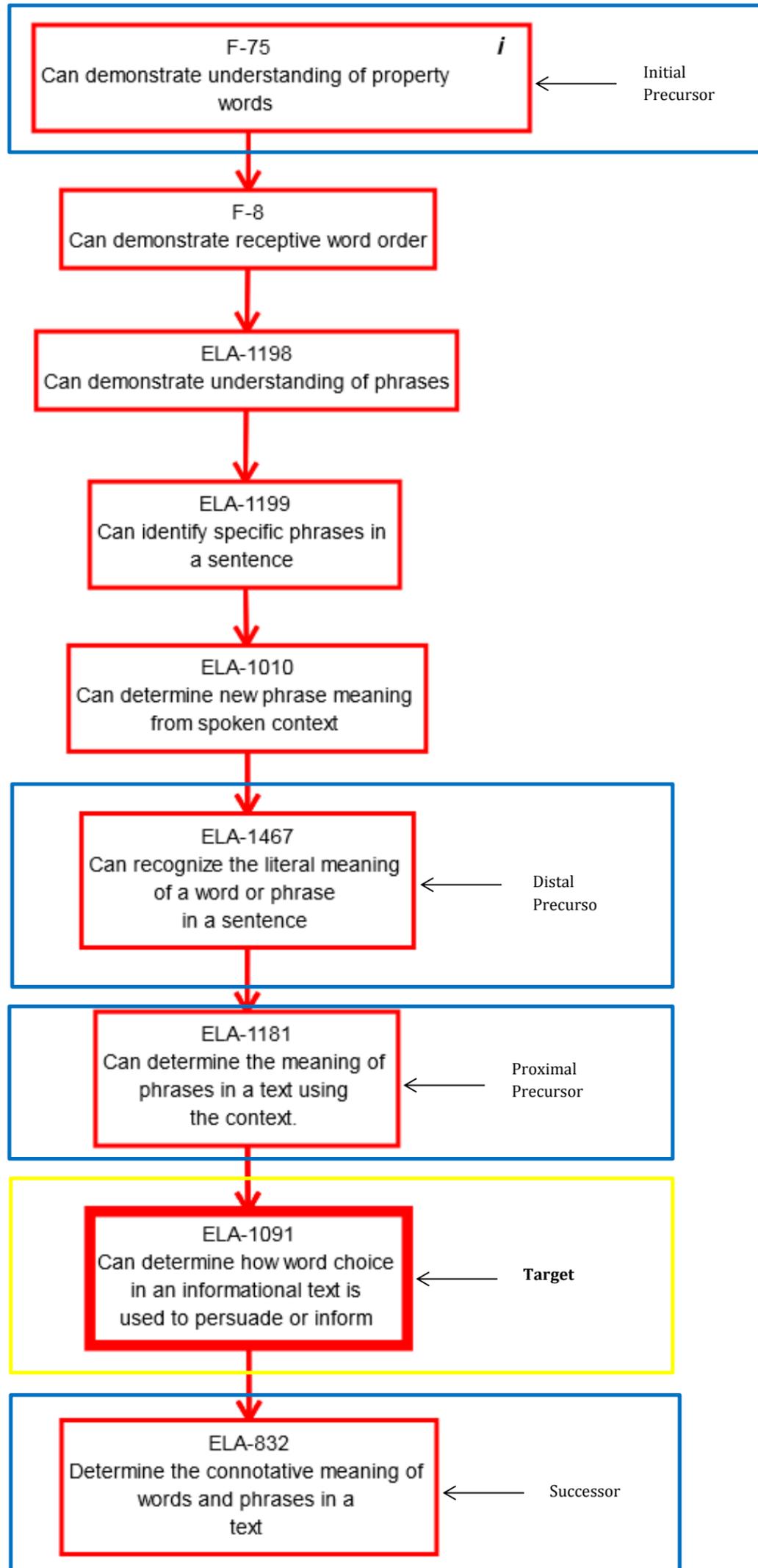
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.7.2 Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.</p>	<p>ELA.EE.RI.7.2 Determine two or more central ideas in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can create a summary for a familiar informative text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can identify multiple main ideas in an informational text • Can identify details relevant to the topic of an informational text (<i>supporting node</i>) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the implicit main idea of a paragraph in an informational text • Can identify the relationships between concrete facts or details (<i>supporting node</i>) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify a concrete detail in early informational texts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can match a picture with the real object



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE ELA.EE.RI.7.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RI.7.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.	ELA.EE.RI.7.4 Determine how words or phrases are used to persuade or inform a text.	Successor Node: <ul style="list-style-type: none"> • Determine the connotative meaning of words and phrases in a text Target Nodes: <ul style="list-style-type: none"> • Can determine how word choice in an informational text is used to persuade or inform Proximal Precursor: <ul style="list-style-type: none"> • Can determine the meaning of phrases in a text using the context Distal Precursor: <ul style="list-style-type: none"> • Can recognize the literal meaning of a word or phrase in a sentence Initial Precursor: <ul style="list-style-type: none"> • Can demonstrate understanding of property words





ESSENTIAL ELEMENT, NODES, AND MINI-MAP

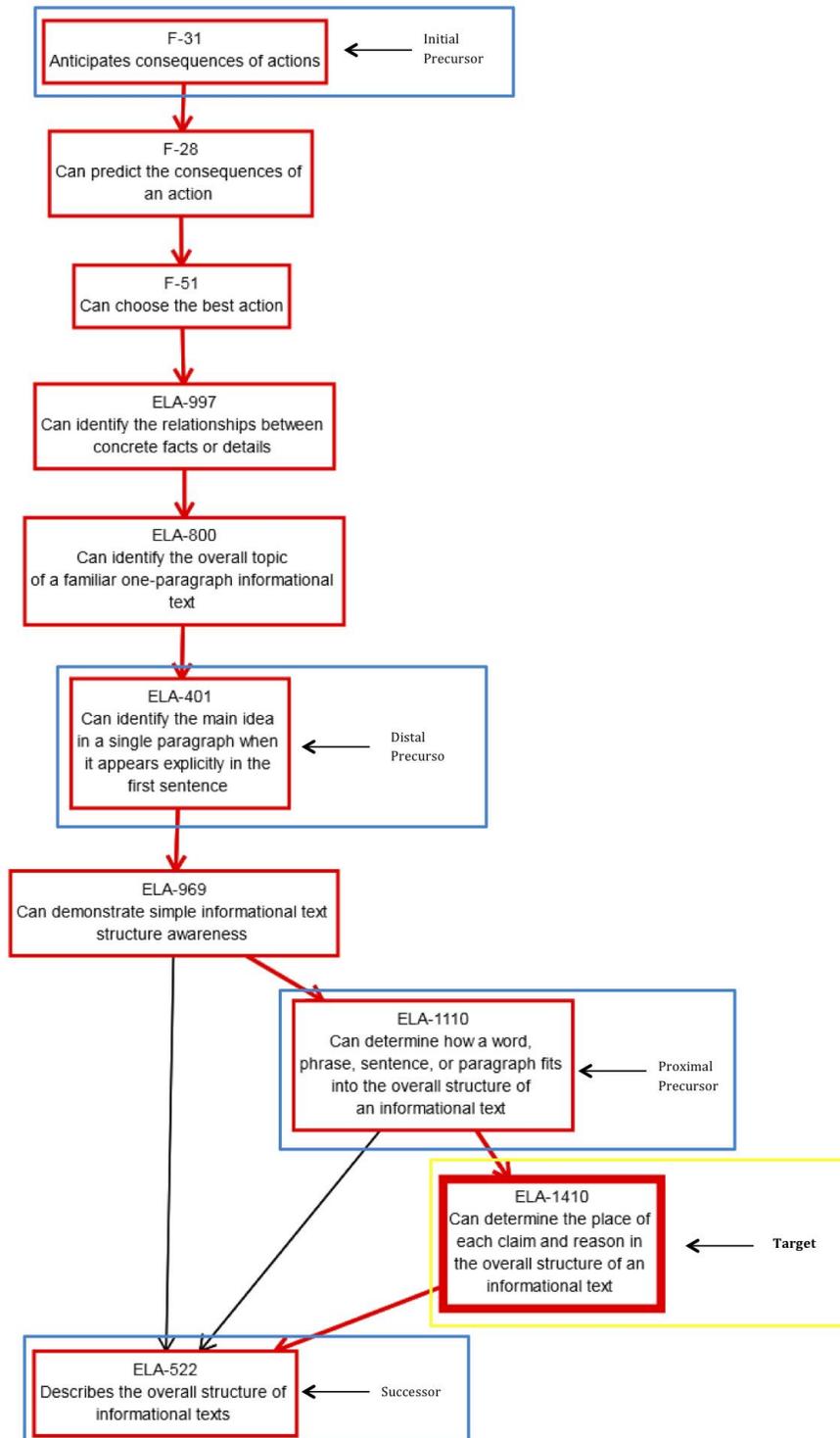
ELA: 7TH GRADE

ELA.EE.RI.7.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.7.8 Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.</p>	<p>ELA.EE.RI.7.8 Determine how a claim or reason fits into the overall structure of an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Describes the overall structure of informational texts <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine the place of each claim and reason in the overall structure of an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine how a word, phrase, sentence, or paragraph fits into the overall structure of an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the main idea in a single paragraph when it appears explicitly in the first sentence <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Anticipates consequences of actions



ELA.EE.RI.7.8- Determine how a claim or reason fits into the overall structure of an informational text.

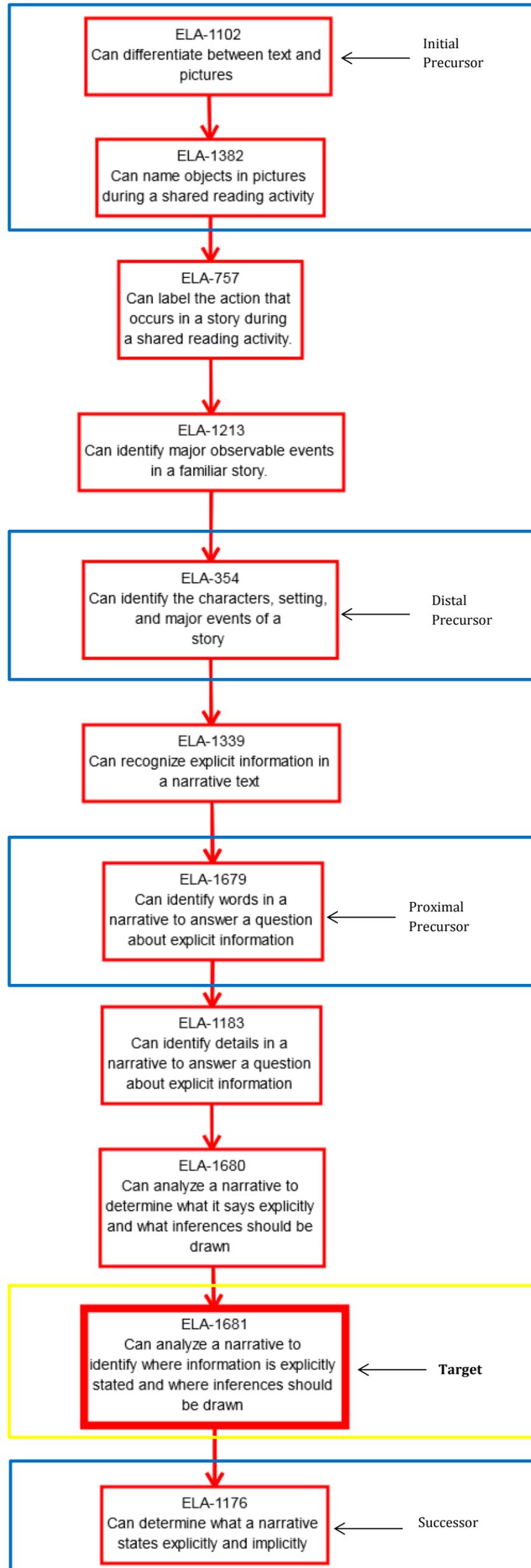


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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE ELA.EE.RL.7.1

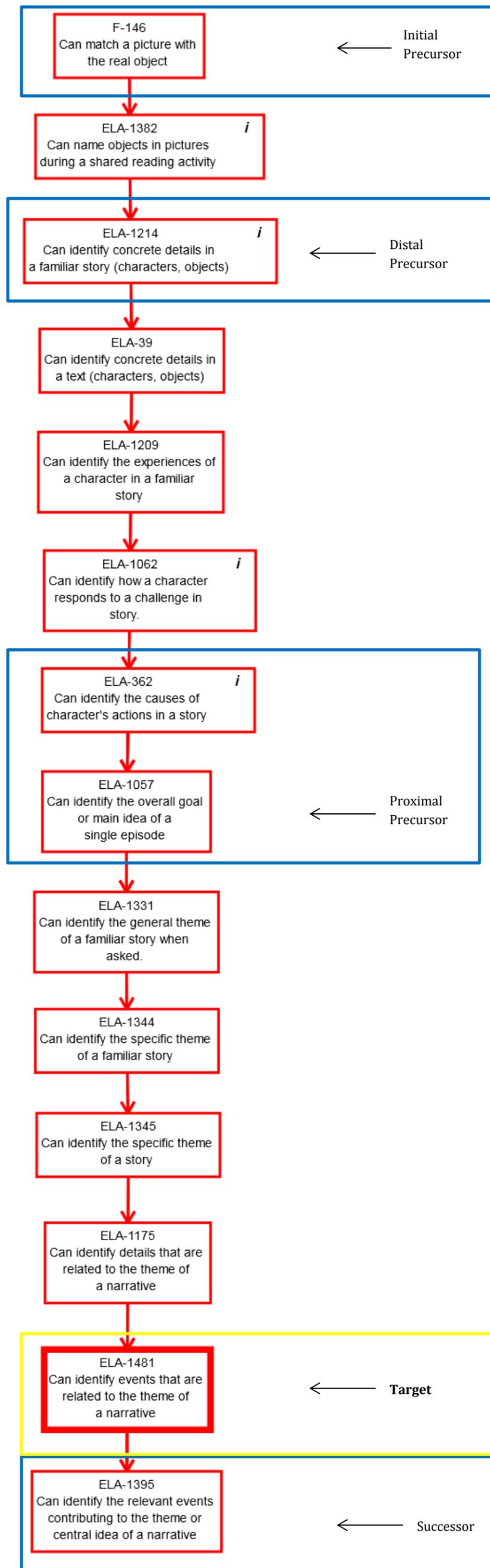
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.7.1 Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.</p>	<p>ELA.EE.RL.7.1 Analyze text to identify where information is explicitly stated and where inferences must be drawn.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine what a narrative states explicitly and implicitly <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can analyze a narrative to identify where information is explicitly stated and where inferences should be drawn <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify words in a narrative to answer a question about explicit information <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the characters, setting, and major events of a story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can differentiate between text and pictures



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE ELA.EE.RL.7.2

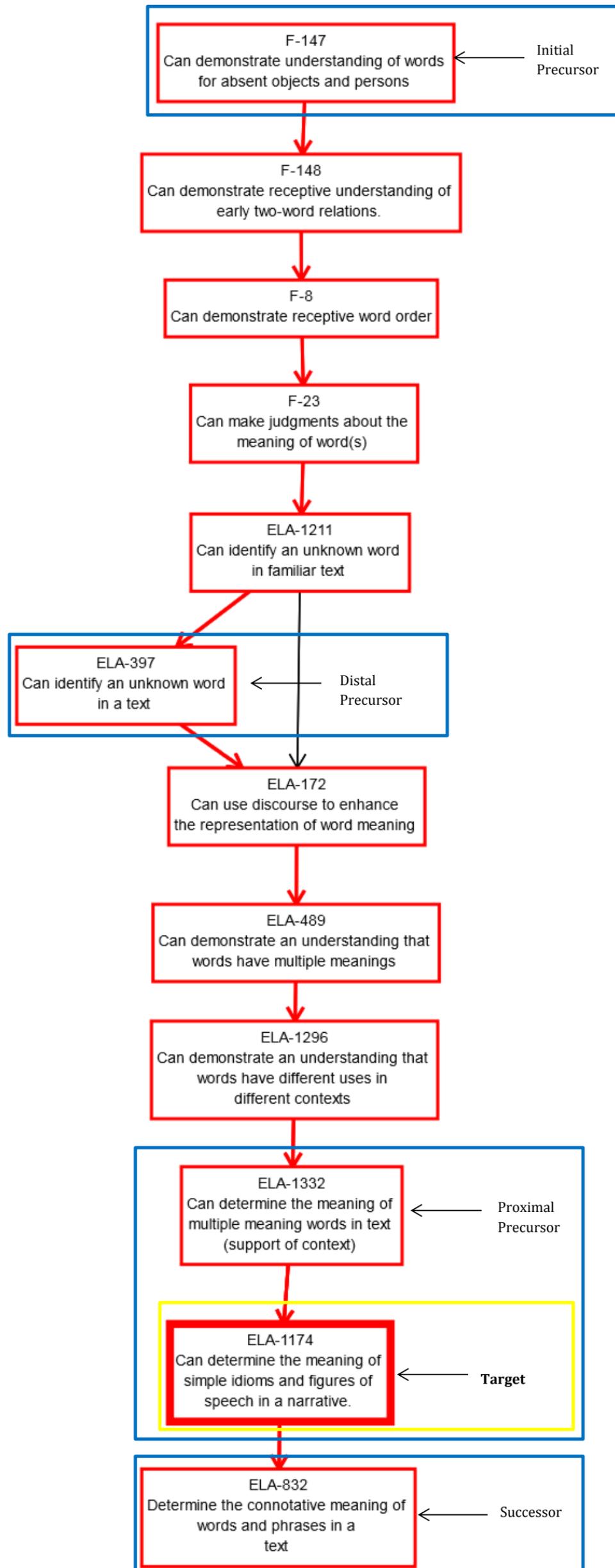
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RL.7.2 Determine a theme or central idea of a text and analyze its development over the course of the text; provide an objective summary of the text.	ELA.EE.RL.7.2 Identify events in a text that are related to the theme or central idea.	Node Linkage Progression Successor Node: <ul style="list-style-type: none"> • Can identify the relevant events contributing to the theme or central idea of a narrative Target Nodes: <ul style="list-style-type: none"> • Can identify events that are related to the theme of a narrative Proximal Precursor: <ul style="list-style-type: none"> • Can identify the overall goal or main idea of a single episode • Can identify the causes of character's actions in a story (<i>supporting node</i>) Distal Precursor: <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (characters, objects) Initial Precursor: <ul style="list-style-type: none"> • Can match a picture with the real object



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE ELA.EE.RL.7.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.7.4 Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings: analyze the impact of rhymes and other repetitions of sounds (e.g., alliteration) on a specific verse or stanza of a poem or section of a story or drama.</p>	<p>ELA.EE.RL.7.4 Determine the meaning of simple idioms and figures of speech as they are used in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Determine the connotative meaning of words and phrases in a text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine the meaning of simple idioms and figures of speech in a narrative <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the meaning of multiple meaning words in a text (support of context) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify an unknown word in a text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate understanding of words for absent objects and persons





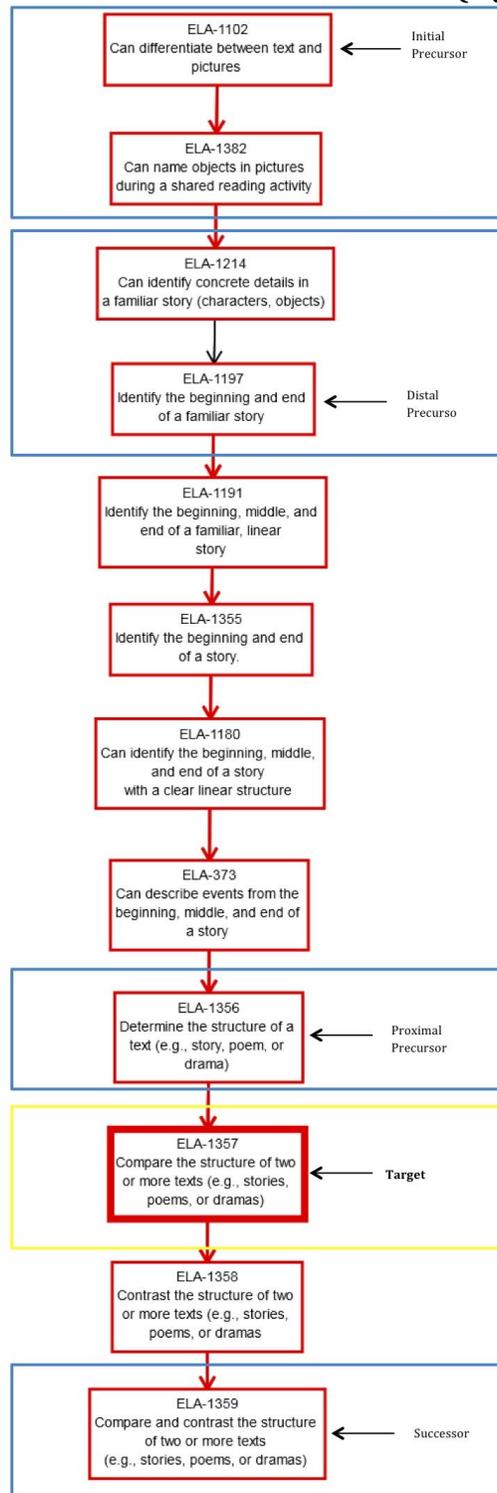
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 7TH GRADE

ELA.EE.RL.7.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.7.5 Analyze how a drama’s or poem’s form or structure (e.g., soliloquy, sonnet) contributes to its meaning.</p>	<p>ELA.EE.RL.7.5 Compare the structure of two or more texts (e.g., stories, poems, or dramas).</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare and contrast the structure of two or more texts (e.g., stories poems, or dramas) <p>Target Node:</p> <ul style="list-style-type: none"> • Compare the structure of two or more texts (e.g., stories, poems, or dramas) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can Determine the structure of a text (e.g., story, poem, or drama) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (characters, objects) (<i>supporting node</i>) • Identify the beginning and end of a familiar story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity (<i>supporting node</i>) • Can differentiate between text and pictures

ELA.EE.RL.7.5- Compare the structure of two or more texts (e.g., stories, poems, or dramas).



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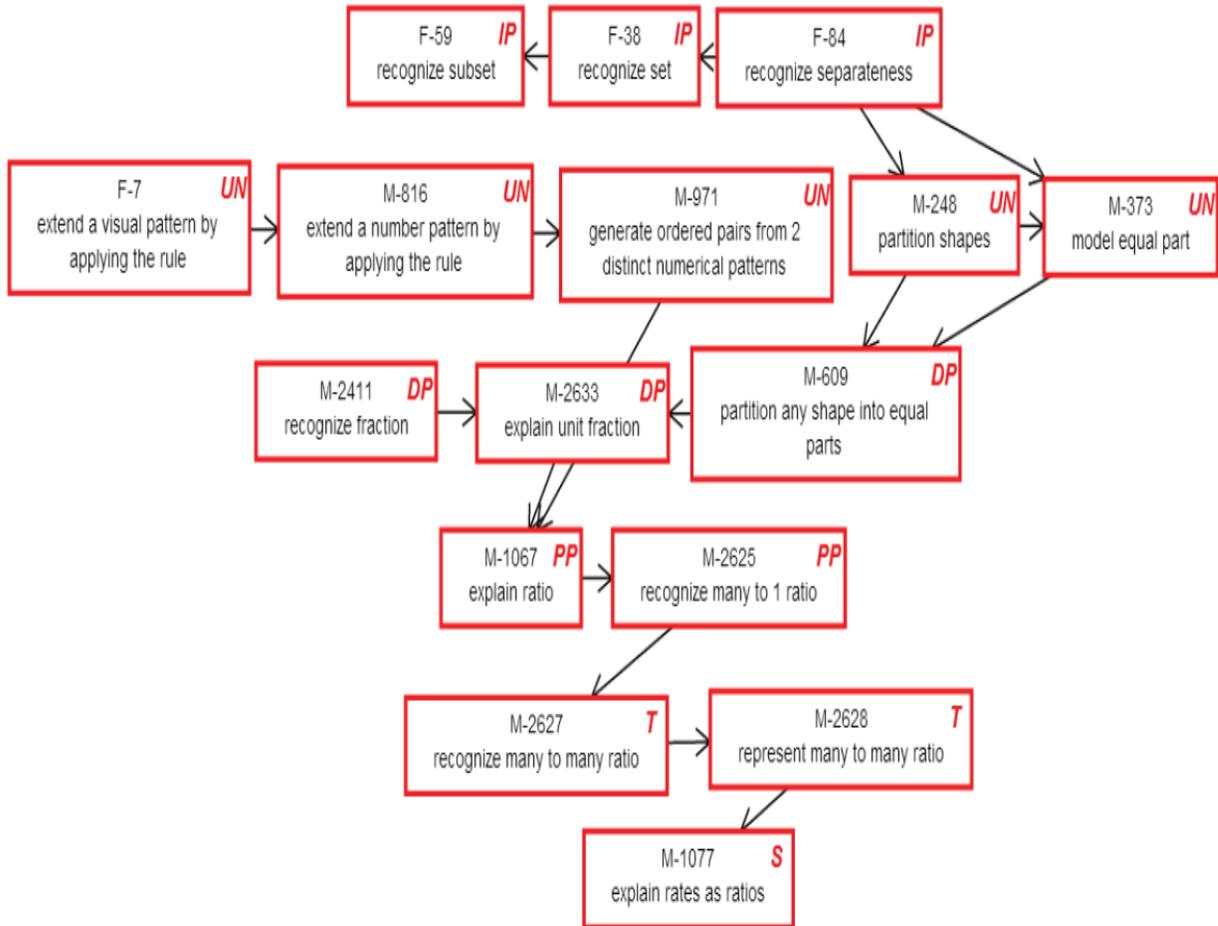
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 7TH GRADE

M.EE.7.RP.1-3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.RP.1; 7.RP.2; 7.RP.2.a; 7.RP.2.b; 7.RP.2.c; 7.RP.2.d; 7.RP.3</p>	<p>M.EE.7.RP.1-3 Use a ratio to model or describe a relationship.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain rates as ratios <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize many to many ratio • Represent many to many ratio <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain ratio • Recognize many to 1 ratio <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Partition any shape into equal parts • Explain unit fraction • Recognize fraction <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set • Recognize subset

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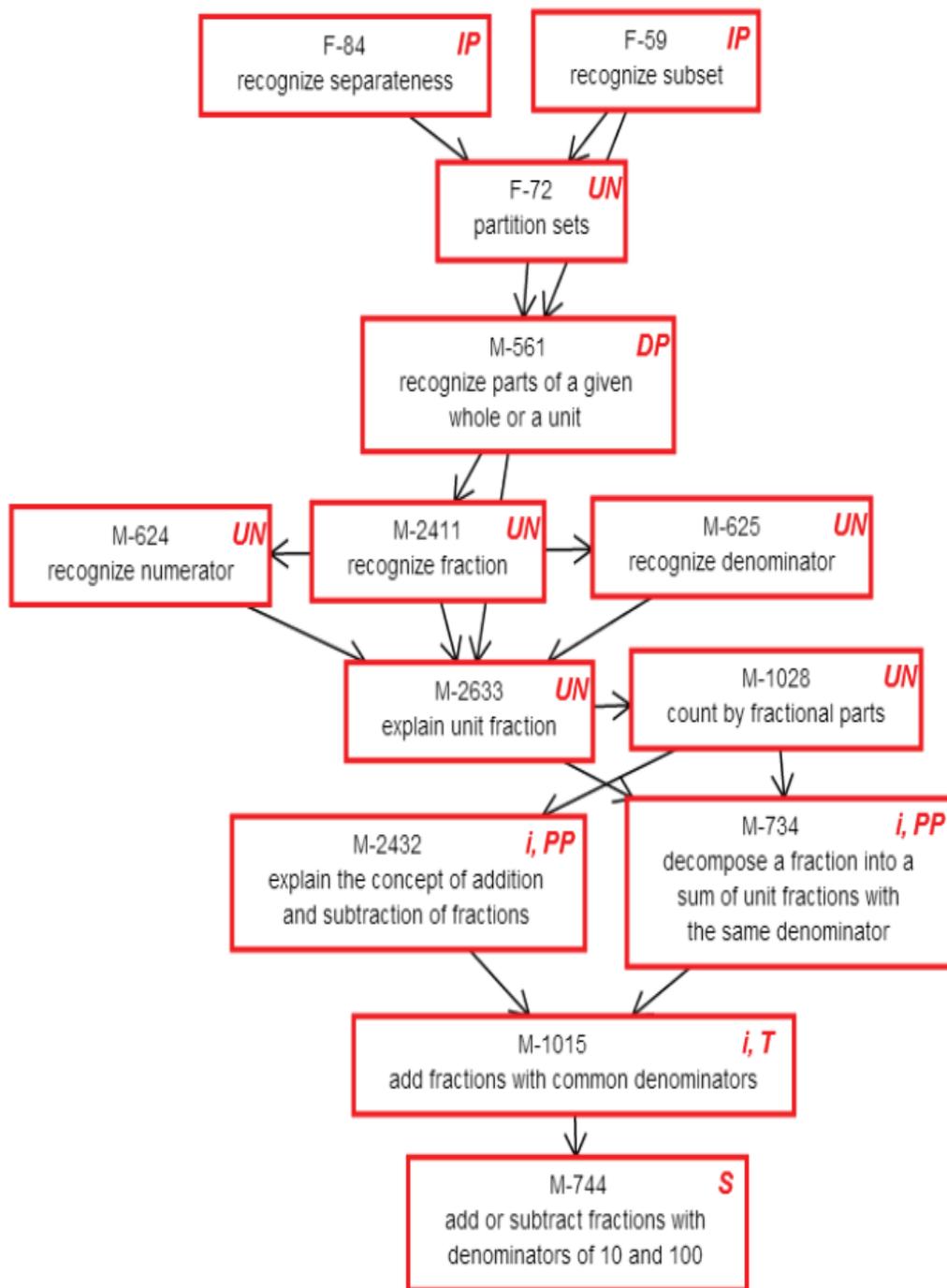
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 7TH GRADE

M.EE.7.NS.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.NS.1; M.7.NS.1.a; M.7.NS.1.b; M.7.NS.1.c; M.7.NS.1.d</p>	<p>M.EE.7.NS.1 Add fractions with like denominators (halves, thirds, fourths, and tenths) with sums less than or equal to one.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Add or subtract fractions with denominators of 10 and 100 <p>Target Nodes:</p> <ul style="list-style-type: none"> • Add fractions with common denominators <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain the concept of addition and subtraction of fractions • Decompose a fraction into a sum of unit fractions with the same denominator <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize parts of a given whole or a unit <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize subset

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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

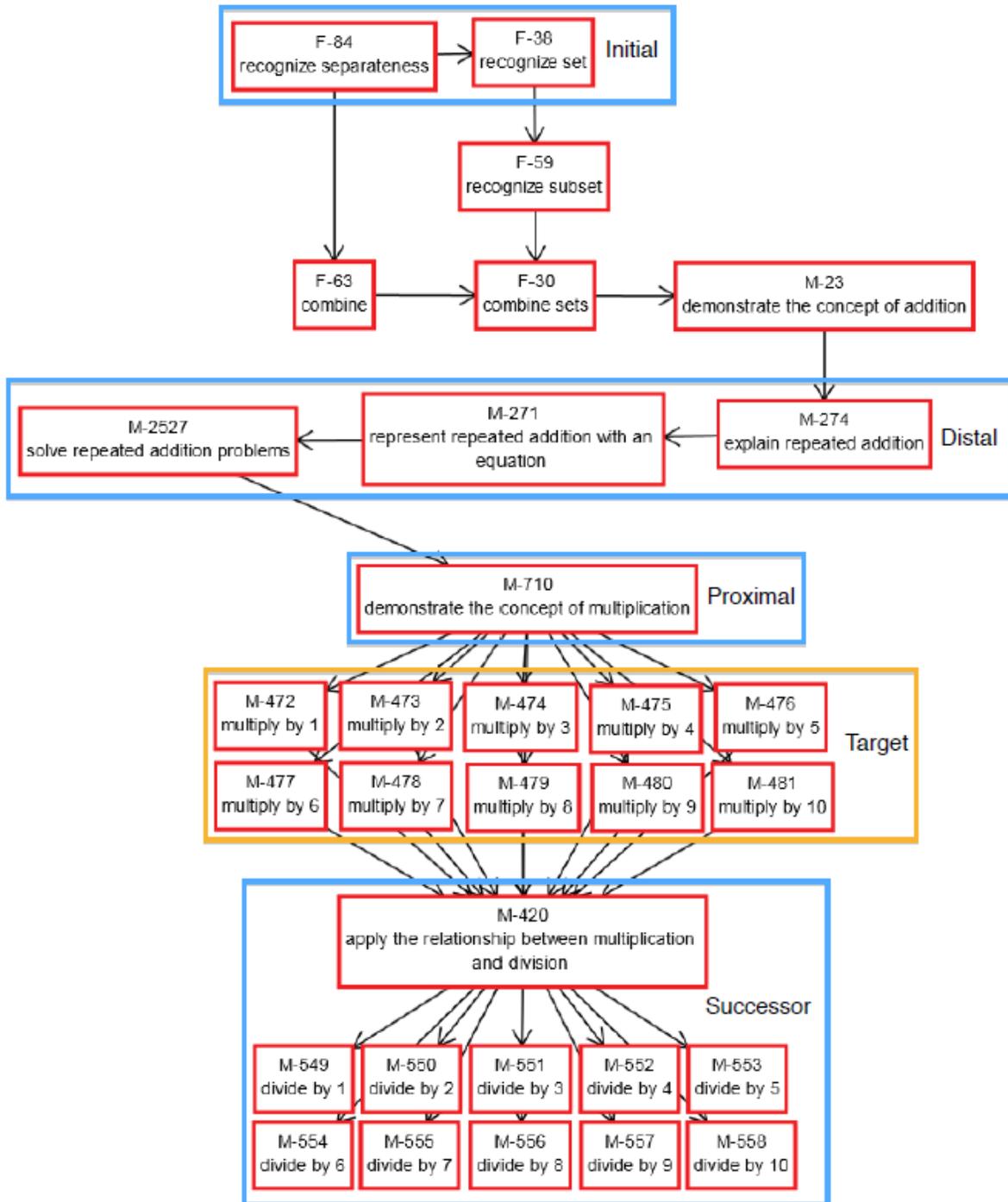
MATH 7TH GRADE

M.EE.7.NS.2.A

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.NS.2.a Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.</p>	<p>M.EE.7.NS.2.a Solve multiplication problems with products to 100.</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Apply the relationship between multiplication and division • Divide by 1 to 10 <p>Target Node:</p> <ul style="list-style-type: none"> • Multiply by 1 to 10 <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate the concept of multiplication <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated addition • Represent repeated addition with an equation • Solve repeated addition problems <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set



M.EE.7.NS.2.a- Solve multiplication problems with products to 100.



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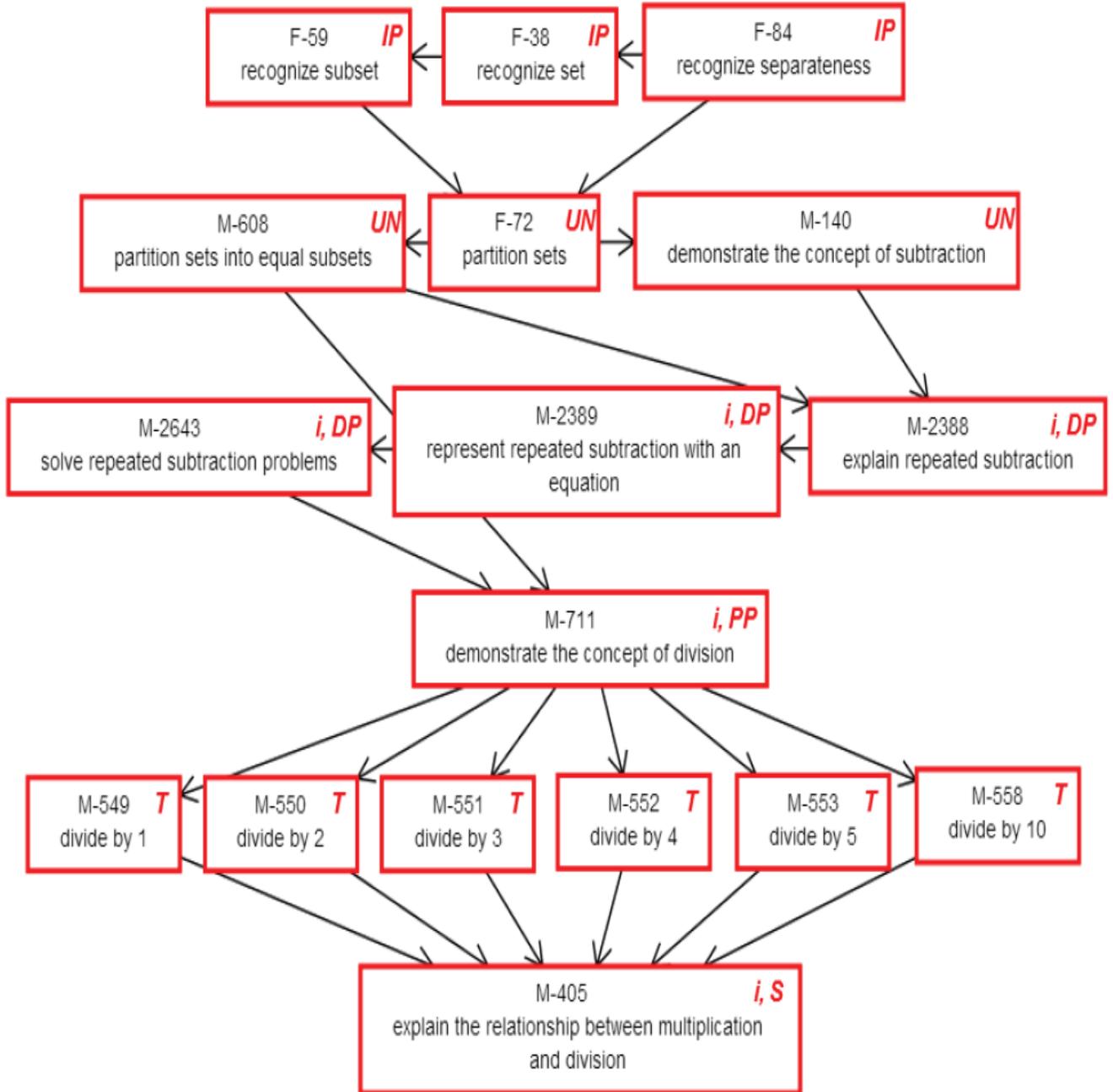
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 7TH GRADE

M.EE.7.NS.2.B

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.NS.2.b</p>	<p>M.EE.7.NS.2.b Solve division problems with divisors up to five and also with a divisor of 10 without remainders.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain the relationship between multiplication and division <p>Target Nodes:</p> <ul style="list-style-type: none"> • Divide by 1, 2, 3, 4, 5, and 10 <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate the concept of division <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated subtraction • Represent repeated subtraction with an equation • Solve repeated subtraction problems <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set • Recognize subset

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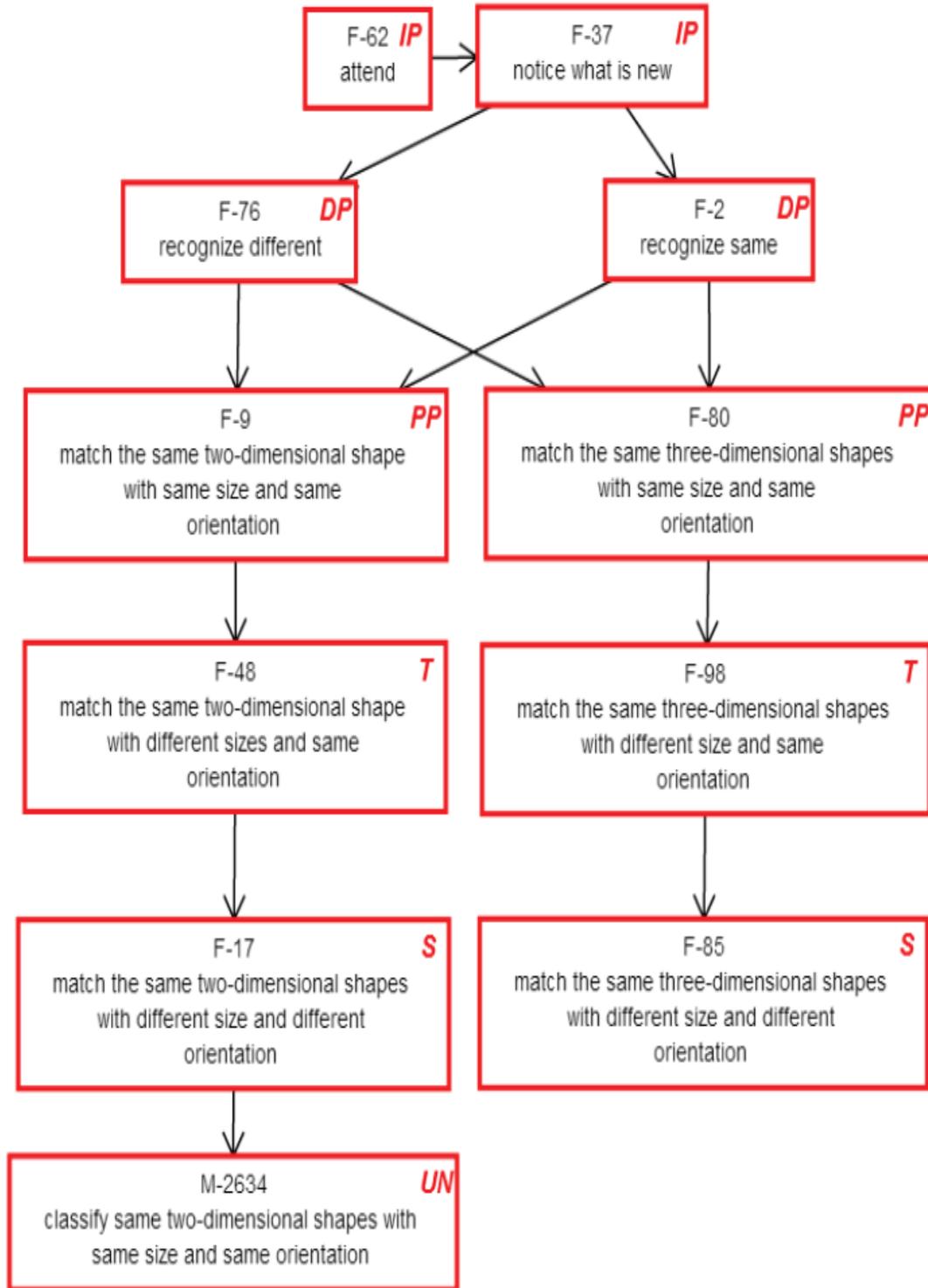
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 7TH GRADE

M.EE.7.G.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.G.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.</p>	<p>M.EE.7.G.1 Match two similar geometric shapes that are proportional in size and in the same orientation.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Match the same two-dimensional shapes with different size and different orientation • Match the same three-dimensional shapes with different size and different orientation <p>Target Nodes:</p> <ul style="list-style-type: none"> • Match the same two-dimensional shape with different sizes and same orientation • Match the same three-dimensional shapes with different size and same orientation <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Match the same two-dimensional shape with same size and same orientation • Match the same three-dimensional shapes with same size and same orientation <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Attend • Notice what is new

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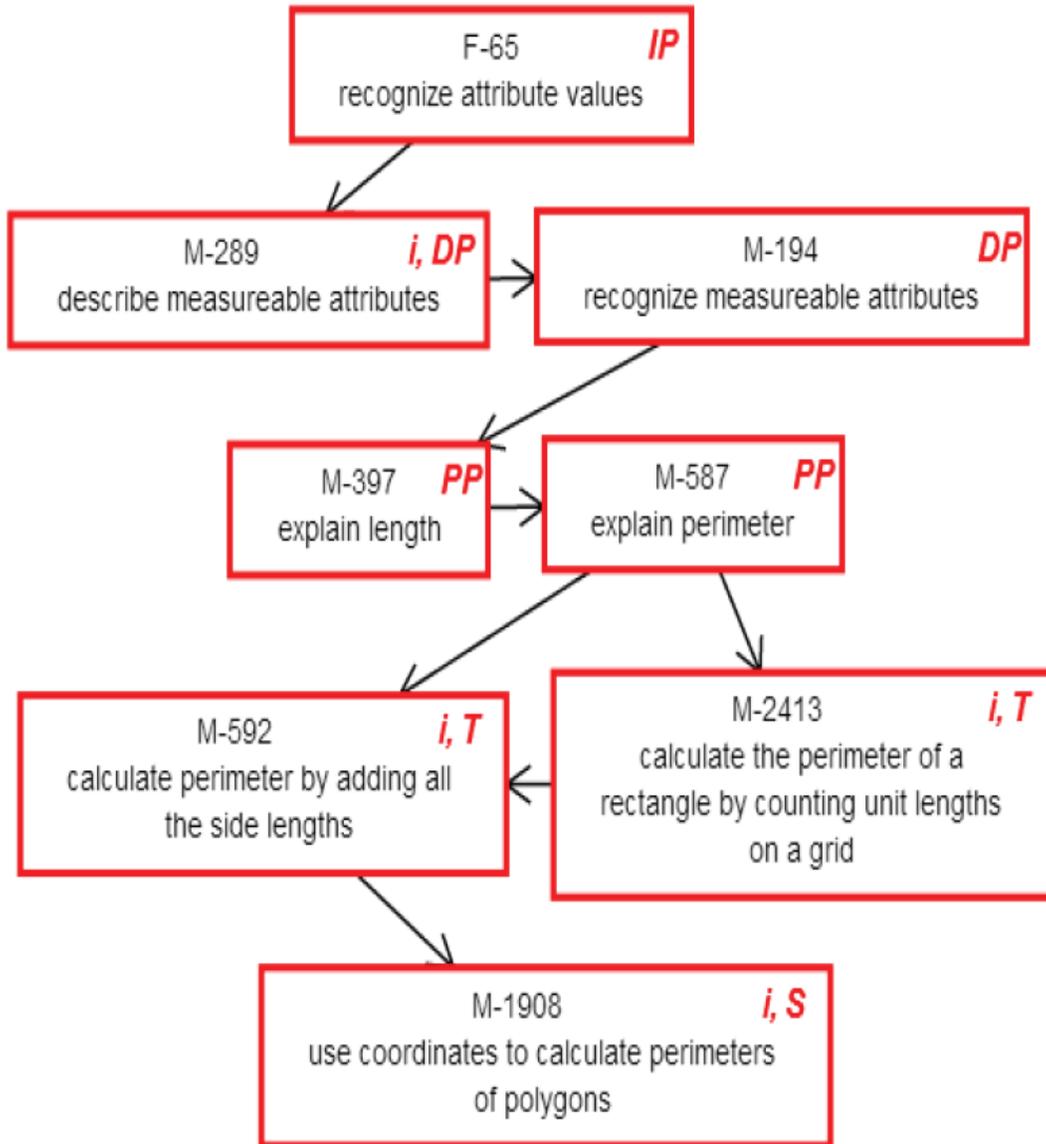
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 7TH GRADE

M.EE.7.G.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.G.4 Know the formulas for the area and circumference of a circle, and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.</p>	<p>M.EE.7.G.4 Determine the perimeter of a rectangle by adding the measures of the sides.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Use coordinates to calculate perimeters of polygons <p>Target Nodes:</p> <ul style="list-style-type: none"> • Calculate the perimeter of a rectangle by counting unit lengths on a grid • Calculate perimeter by adding all the side lengths <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain length • Explain perimeter <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Describe measurable attributes • Recognize measurable attributes <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

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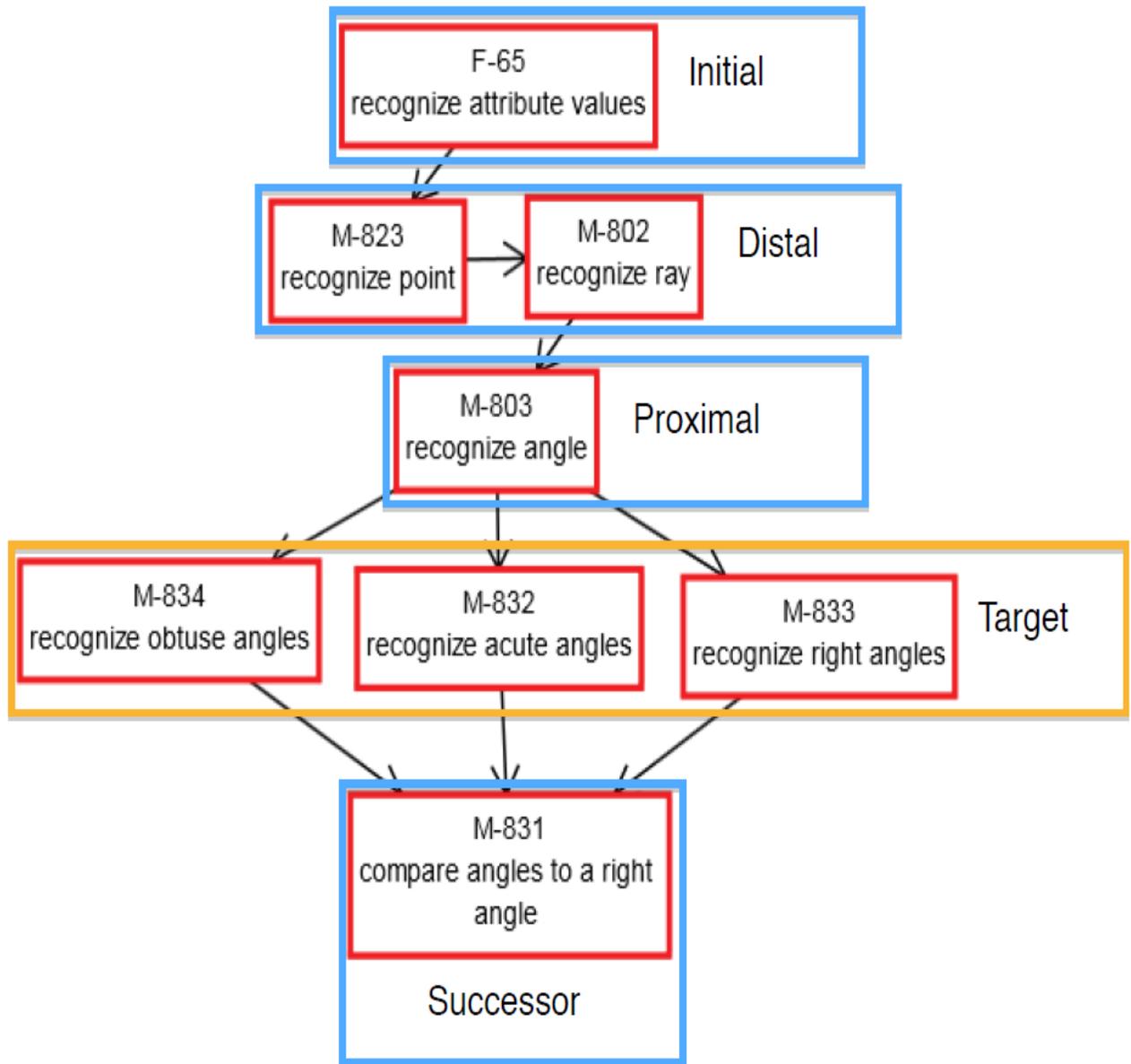
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 7TH GRADE

M.EE.7.G.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.7.G.5 Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.</p>	<p>M.EE.7.G.5 Recognize angles that are acute, obtuse, and right.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare angles to right angle <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize acute angles • Recognize right angles • Recognize obtuse angles <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize angle <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize point • Recognize ray <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

M.EE.7.G.5- Recognize angles that are acute, obtuse, and right.



Grade 8 Reading and Math

ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE ELA.EE.RI.8.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.8.2 Determine a central idea of text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text.</p>	<p>ELA.EE.RI.8.2 Provide a summary of a familiar informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can summarize an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can create a summary for a familiar informative text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify multiple main ideas in an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify explicit details in informational texts <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity

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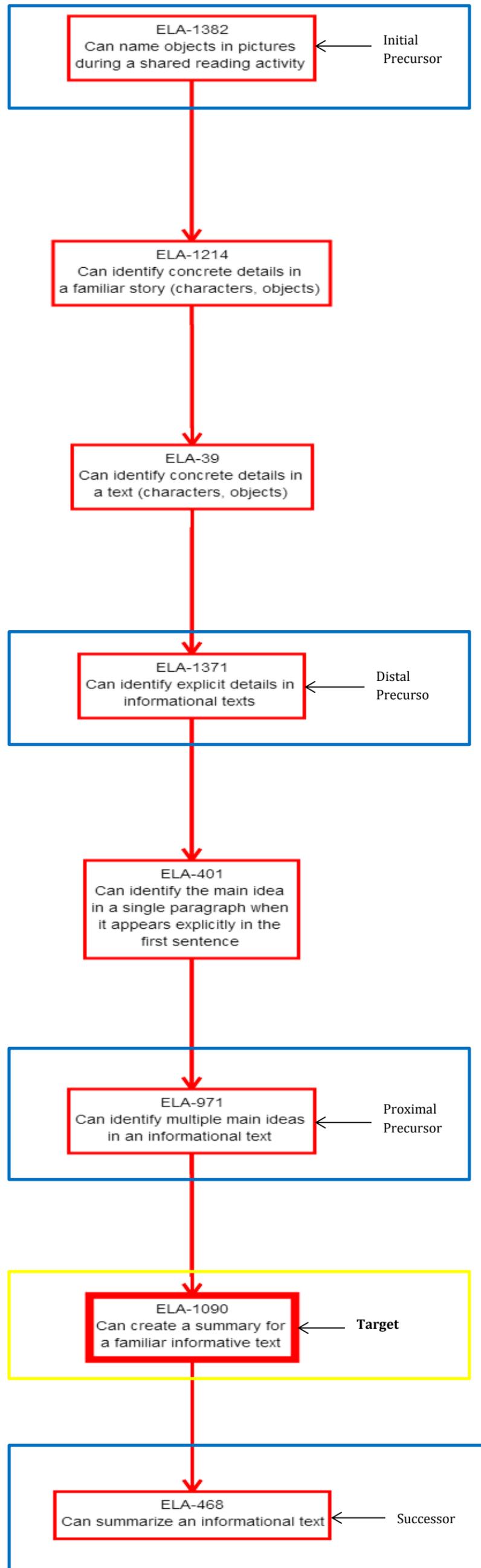
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LA.EE.RI.8.2- Provide a summary of a familiar informational text.



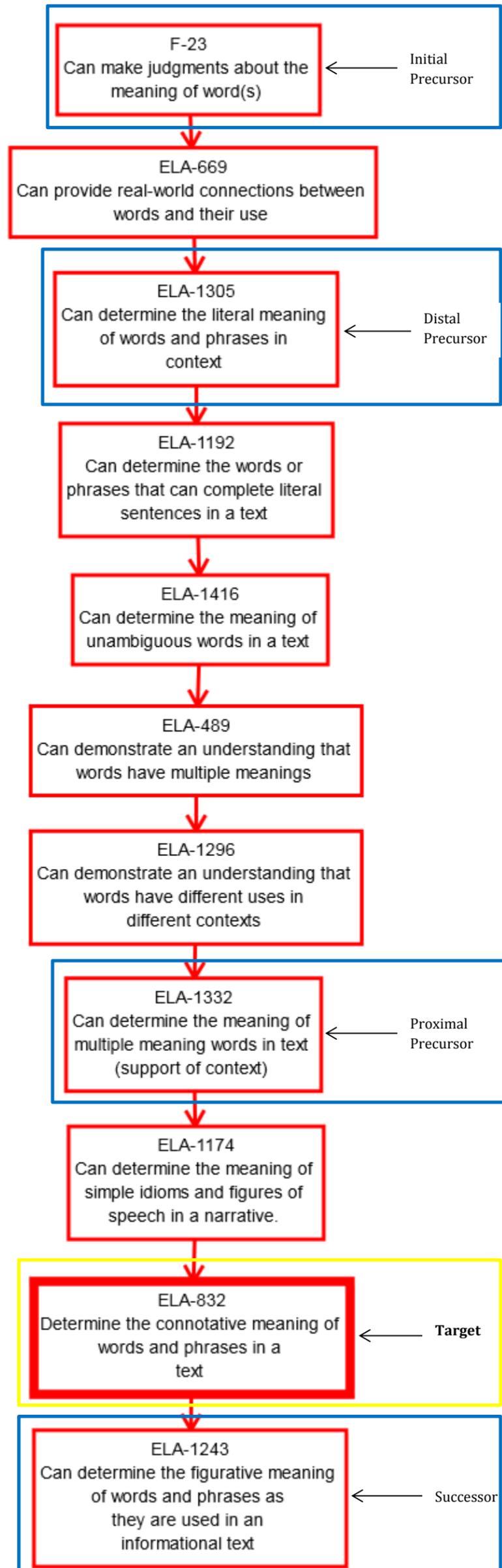
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE ELA.EE.RI.8.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.8.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.</p>	<p>ELA.EE.RI.8.4 Determine connotative meanings of words and phrases in a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine the figurative meaning of words and phrases as they are used in an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Determine the connotative meaning of words and phrases in a text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the meaning of multiple meaning words in text (support of context) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can determine the literal meaning of words and phrases in context <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can make judgments about the meaning of word(s)



ELA.EE.RI.8.4- Determine connotative meanings of words and phrases in a text.





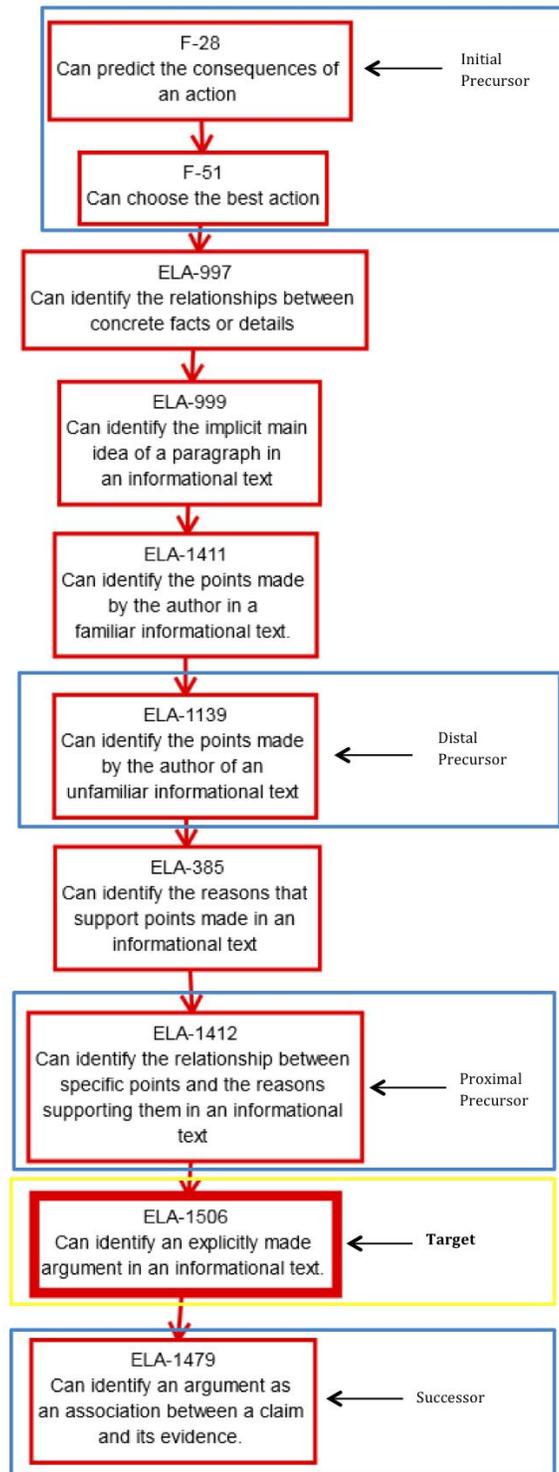
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE

ELA.EE.RI.8.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.8.8 Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced.</p>	<p>ELA.EE.RI.8.8 Determine the argument made by an author in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify an argument as an association between a claim and its evidence <p>Target Node:</p> <ul style="list-style-type: none"> • Can identify an explicitly made argument in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the relationship between specific points and the reasons supporting them in an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the points made by the author of an unfamiliar informational text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can choose the best action (<i>supporting node</i>) • Can predict the consequences of an action

ELA.EE.RI.8.8- Determine the argument made by an author in an informational text.

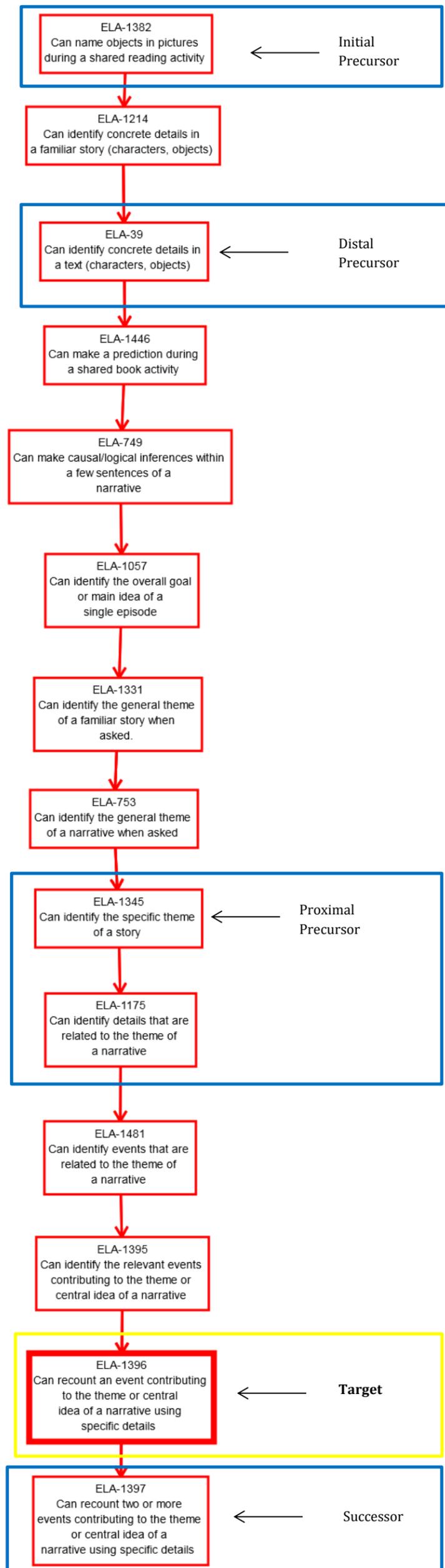


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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE ELA.EE.RL.8.2

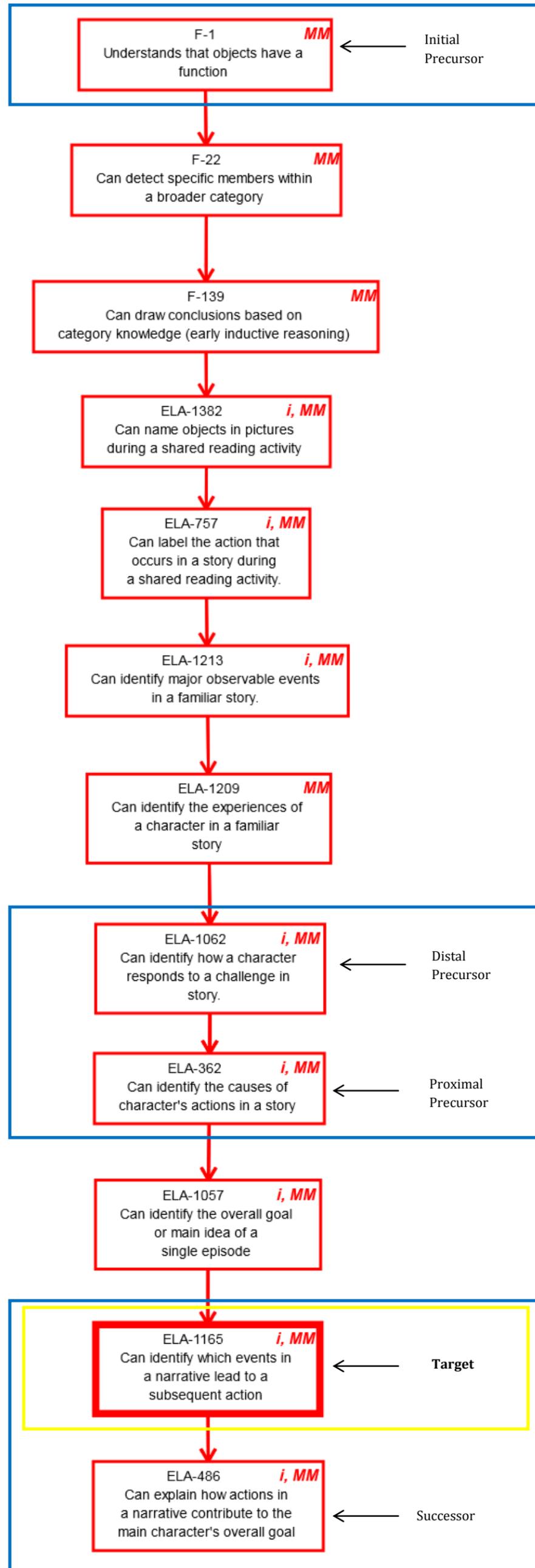
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RL.8.2 Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.	ELA.EE.RL.8.2 Recount an event related to the theme or central idea, including details about character and setting.	Node Linkage Progression Successor Node: <ul style="list-style-type: none"> • Can recount two or more events contributing to the theme or central idea of a narrative using specific details Target Nodes: <ul style="list-style-type: none"> • Can recount an event contributing to the theme or central idea of a narrative using specific details Proximal Precursor: <ul style="list-style-type: none"> • Can identify details that are related to the theme of a narrative (<i>supporting node</i>) • Can identify the specific theme of a story Distal Precursor: <ul style="list-style-type: none"> • Can identify concrete details in a text (character, objects) Initial Precursor: <ul style="list-style-type: none"> • Can name objects in pictures during a shared reading activity



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE ELA.EE.RL.8.3

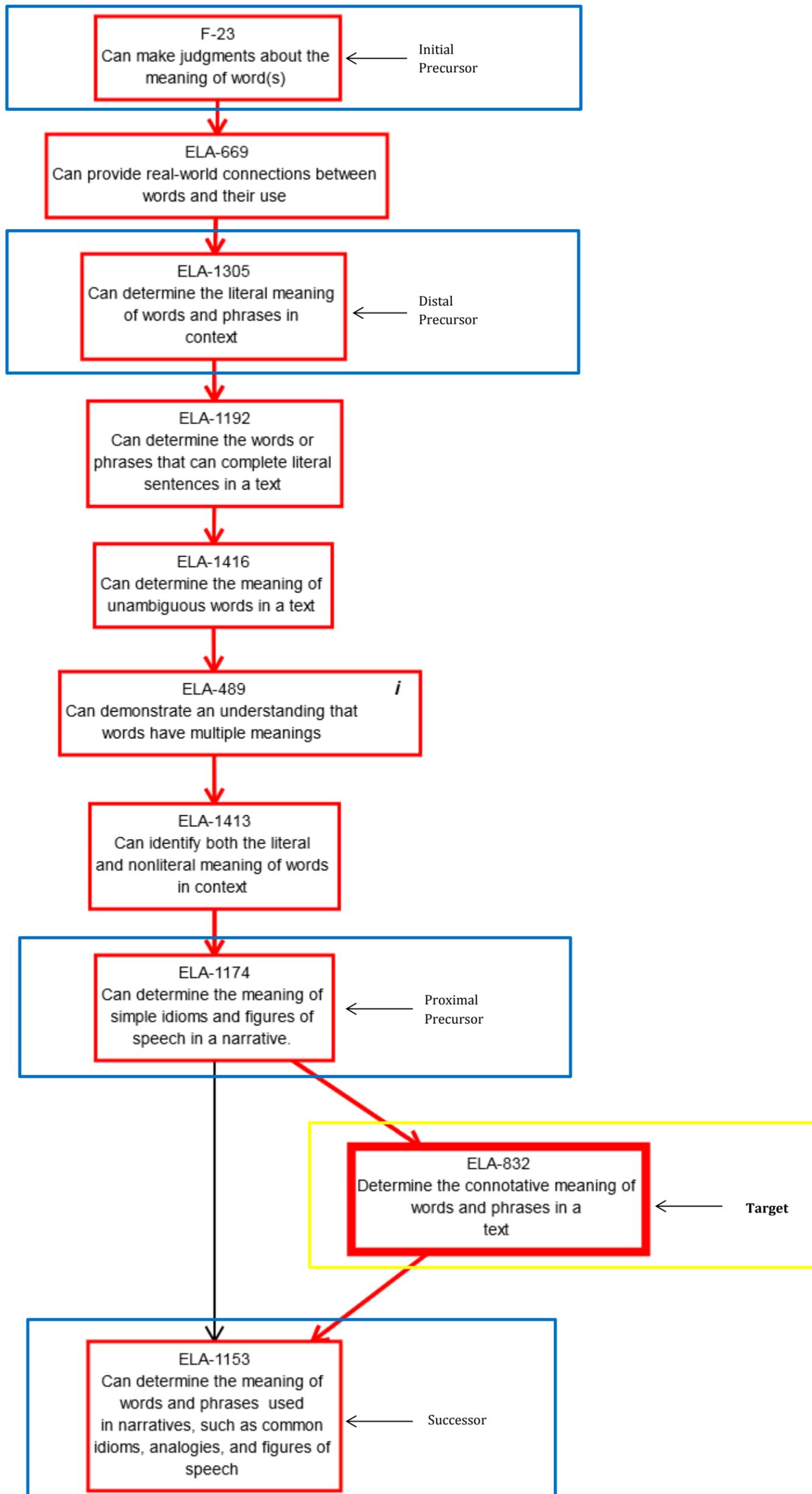
CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RL.8.3 Analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.	ELA.EE.RL.8.3 Identify which incidents in a story or drama lead to subsequent action.	Node Linkage Progression Successor Node: <ul style="list-style-type: none"> • Can explain how actions in a narrative contribute to the main character's overall goal Target Nodes: <ul style="list-style-type: none"> • Can identify which events in a narrative lead to a subsequent action Proximal Precursor: <ul style="list-style-type: none"> • Can identify the causes of character's actions in a story Distal Precursor: <ul style="list-style-type: none"> • Can identify how a character responds to a challenge in a story Initial Precursor: <ul style="list-style-type: none"> • Understands that objects have a function



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE ELA.EE.RL.8.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
ELA.RL.8.4 Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.	ELA.EE.RL.8.4 Determine connotative meanings of words and phrases in a text.	Successor Node: <ul style="list-style-type: none"> • Can determine the meaning of words and phrases used in narratives, such as common idioms, analogies, and figures of speech Target Nodes: <ul style="list-style-type: none"> • Determine the connotative meaning of words and phrases in a text Proximal Precursor: <ul style="list-style-type: none"> • Can determine the meaning of simple idioms and figures of speech in a narrative Distal Precursor: <ul style="list-style-type: none"> • Can determine the literal meaning of words and phrases in context Initial Precursor: <ul style="list-style-type: none"> • Can make judgments about the meaning of word(s)





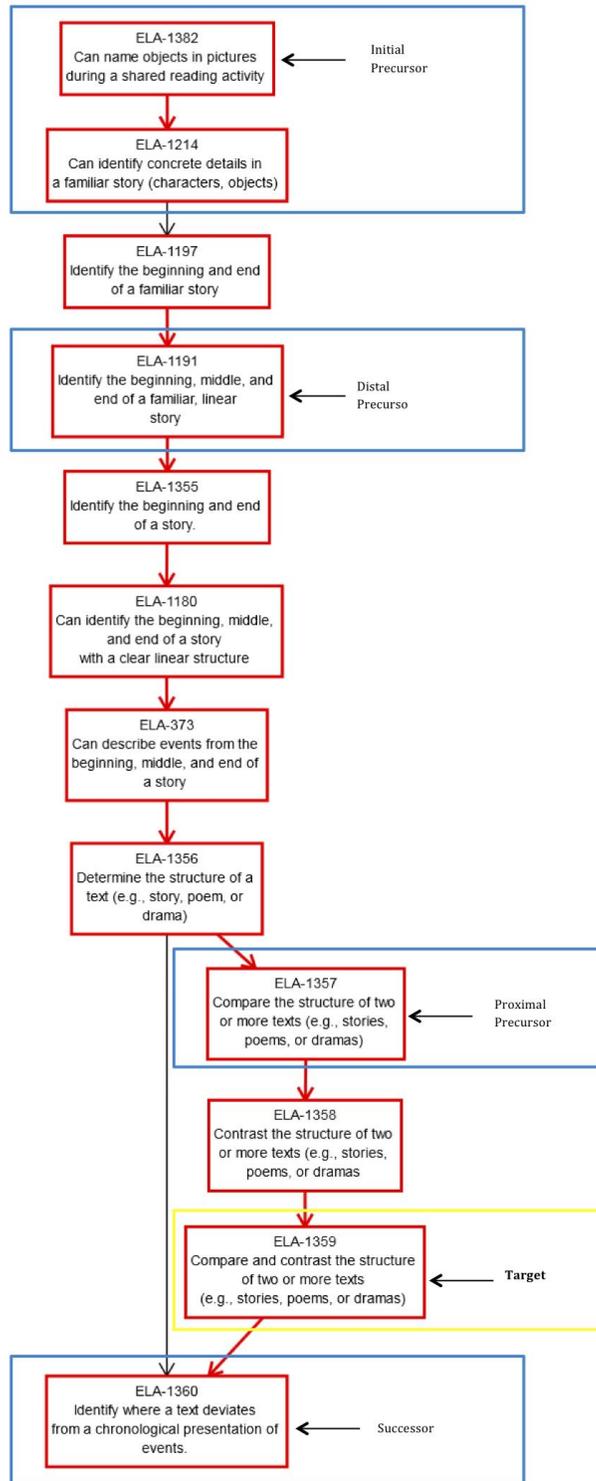
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 8TH GRADE

ELA.EE.RL.8.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.8.5 Compare and contrast the structure of two or more texts and analyze how the differing structure of each text contributes to its meaning and style.</p>	<p>ELA.EE.RL.8.5 Compare and contrast the structure of two or more texts.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Identify where a text deviates from a chronological presentation of events <p>Target Node:</p> <ul style="list-style-type: none"> • Compare and contrast the structure of two or more texts (e.g., stories, poems, or dramas) <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Compare the structure of two or more texts (e.g., stories, poems, or dramas) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Identify the beginning, middle, and end of a familiar, linear story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in a familiar story (characters, objects) (<i>supporting node</i>) • Can name objects in pictures during a shared reading activity

ELA.EE.RL.8.5- Compare and contrast the structure of two or more texts.



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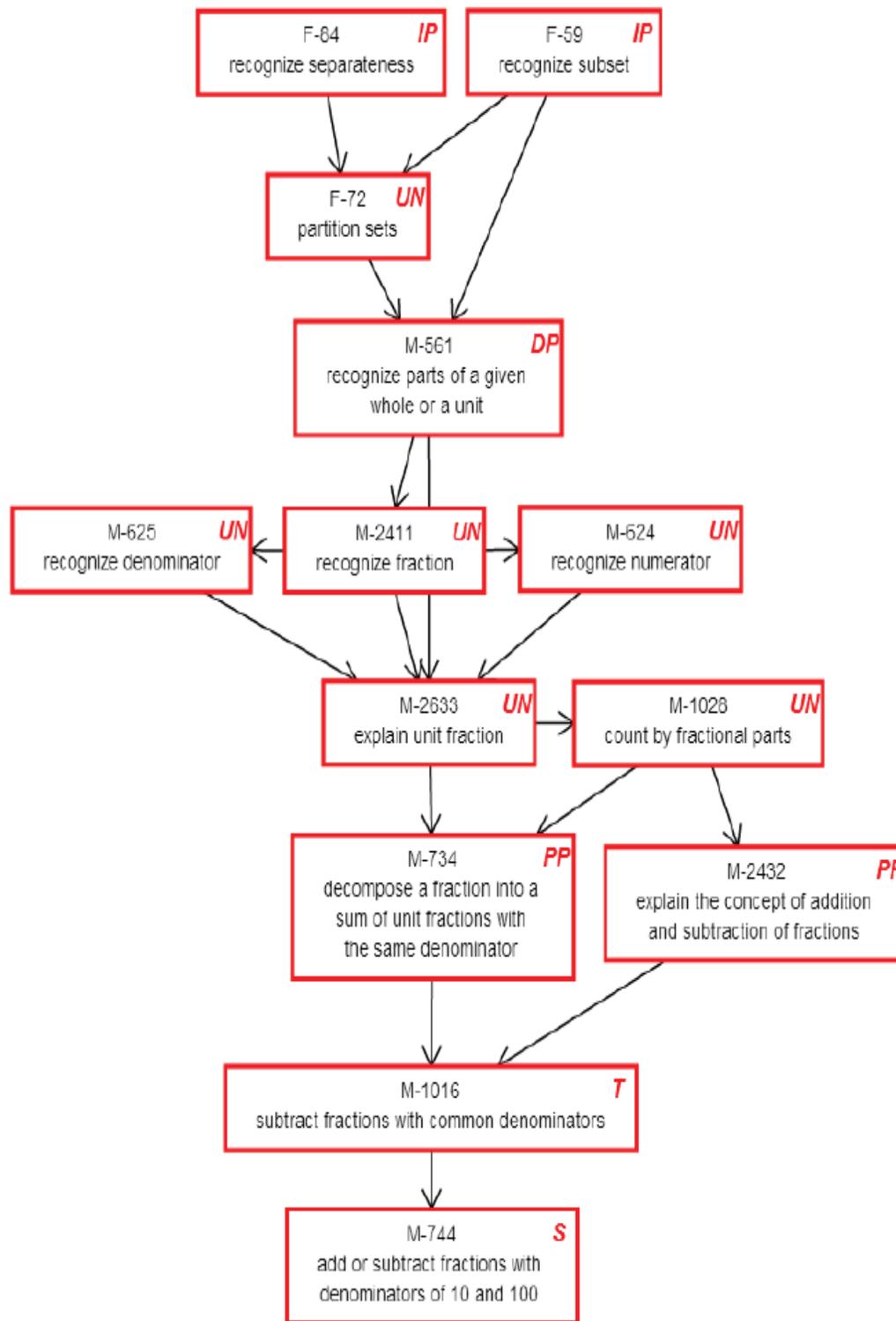
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 8TH GRADE

M.EE.8.NS.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.NS.1. Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert expansion which repeats eventually into a rational number.</p>	<p>M.EE.8.NS.1 Subtract fractions with like denominators (halves, thirds, fourths, and tenths) with minuends less than or equal to one.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Add or subtract fractions with denominators of 10 and 100 <p>Target Nodes:</p> <ul style="list-style-type: none"> • Subtract fractions with common denominators <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Decompose a fraction into a sum of unit fractions with the same denominator • Explain the concept of addition and subtraction of fractions <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize parts of a given whole or unit <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize subset

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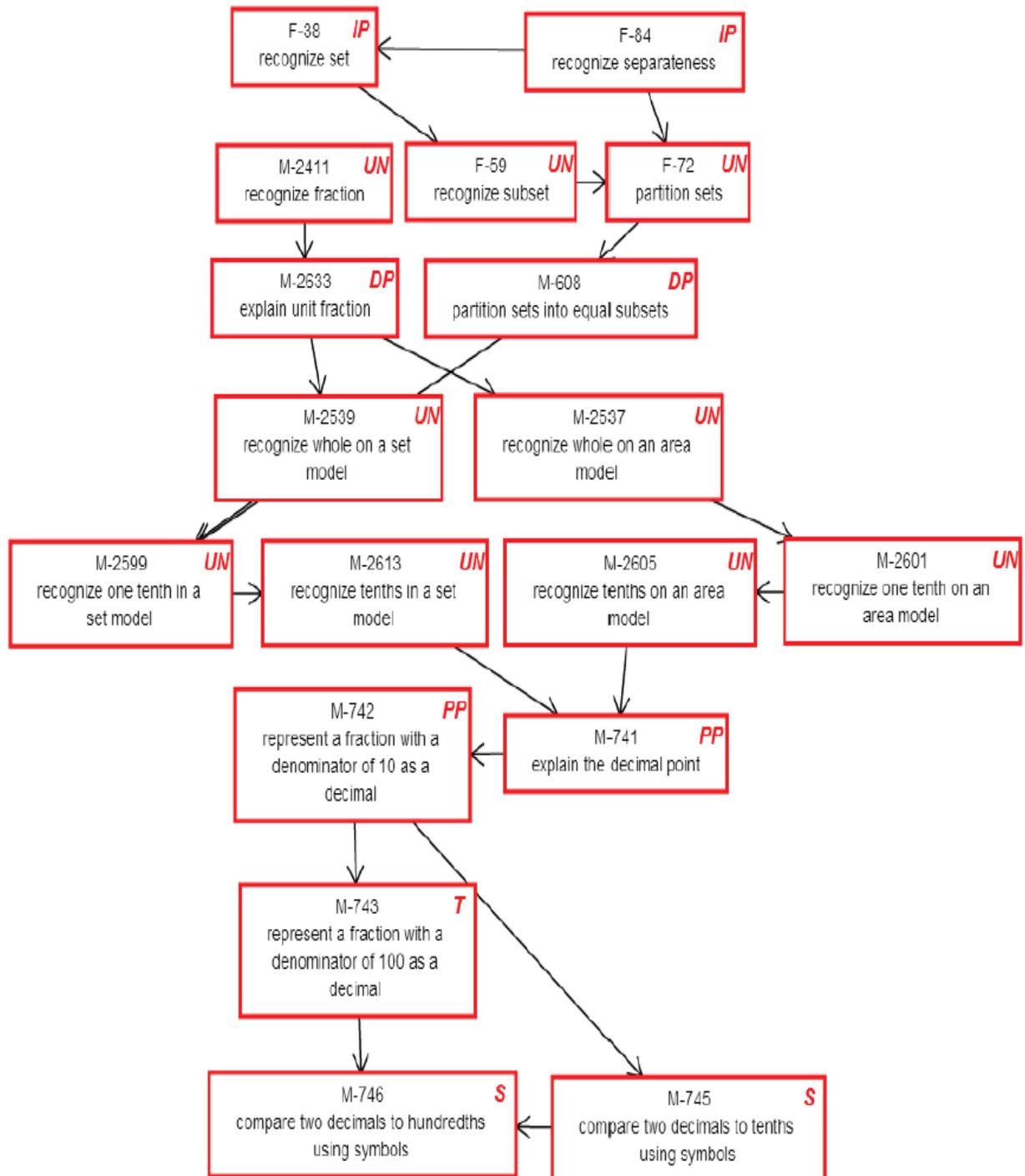
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 8TH GRADE

M.EE.8.NS.2.A

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.8.NS.2	M.EE.8.NS.2.a Express a fraction with a denominator of 100 as a decimal.	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare two decimals to the tenths using symbols • Compare two decimals to hundredths using symbols <p>Target Nodes:</p> <ul style="list-style-type: none"> • Represent fraction with a denominator of 100 as a decimal <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain decimal point • Represent a fraction with a denominator of 10 as a decimal <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Partition sets into equal subsets • Explain unit fraction <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness • Recognize set

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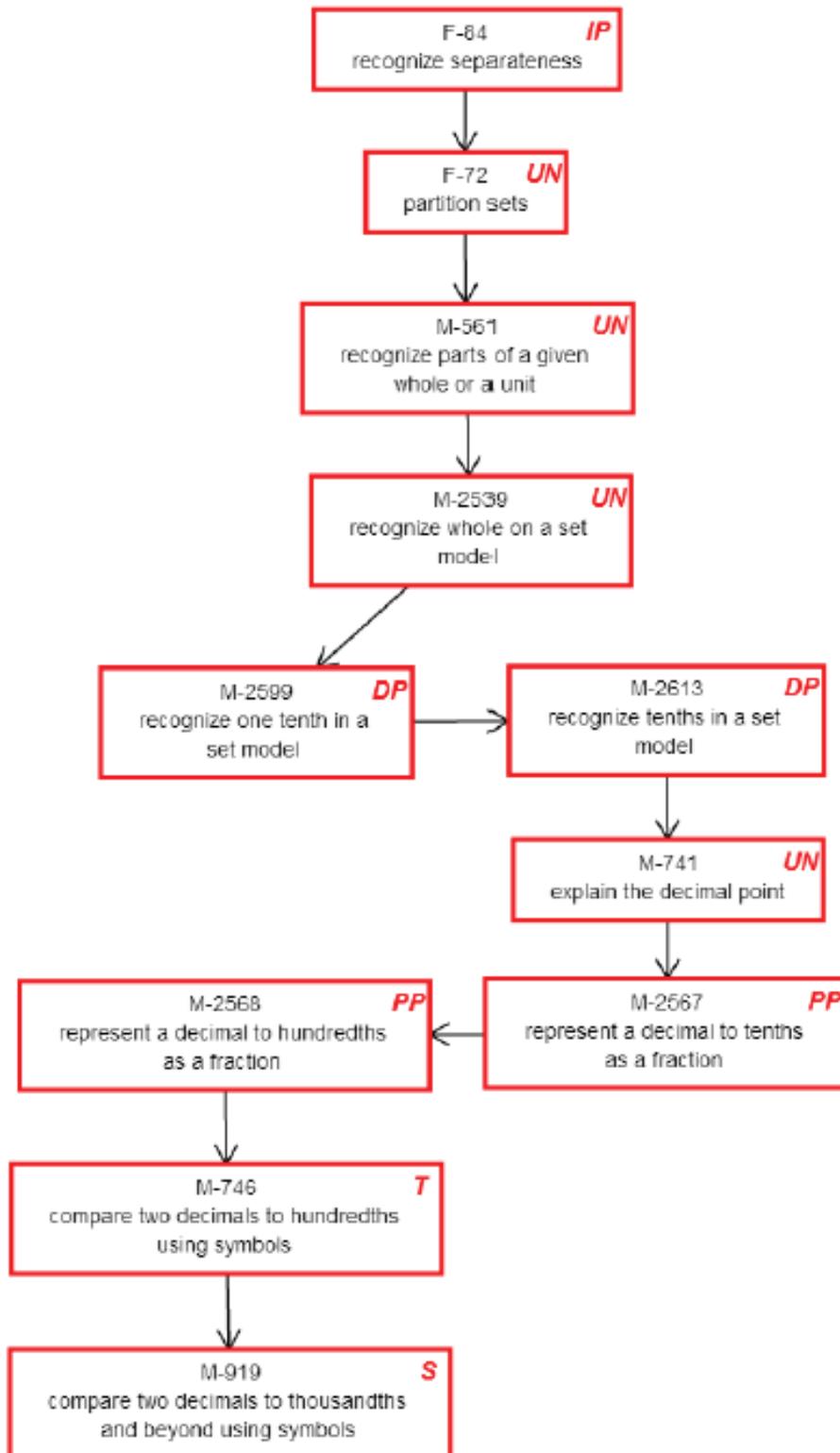
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 8TH GRADE

M.EE.8.NS.2.B

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers locate them approximately on a number line diagram, and estimate the value of expressions (e.g., π^2).</p>	<p>M.EE.8.NS.2.b Compare quantities represented as decimals in real world examples to hundredths.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare two decimals to thousandths and beyond using symbols <p>Target Nodes:</p> <ul style="list-style-type: none"> • Compare two decimals to hundredths using symbols <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Represent a decimal to tenths as a fraction • Represent a decimal to hundredths as a fraction <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize one tenth in a set model • Recognize tenths in a set model <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize separateness

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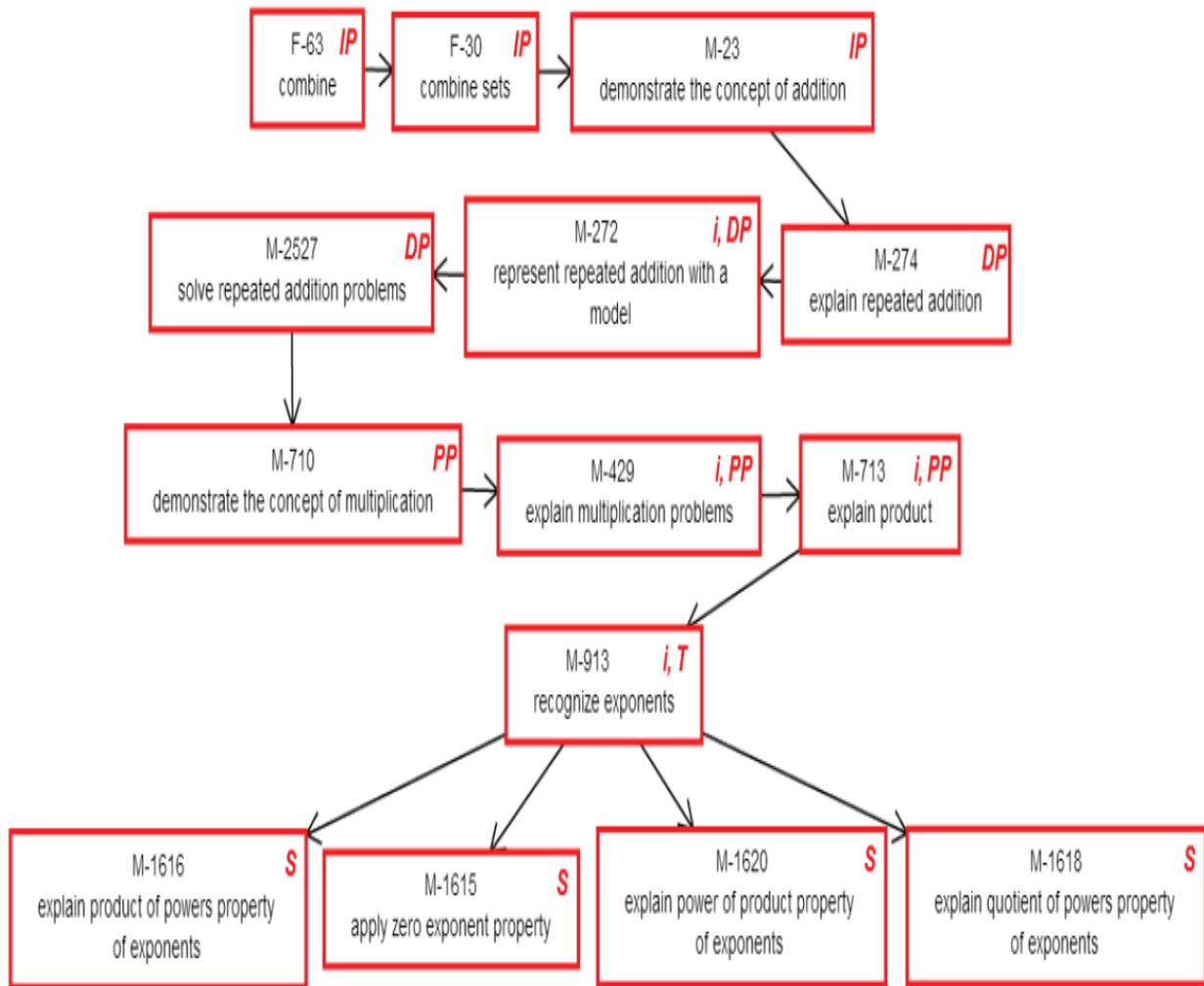
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 8TH GRADE

M.EE.8.EE.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.EE.1</p>	<p>M.EE.8.EE.1 Identify the meaning of an exponent (limited to exponents of 2 and 3).</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain product of powers property of exponents • Apply zero exponent property • Explain power of product property of exponents • Explain quotients of powers property of exponents <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize exponents <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Demonstrate the concepts of multiplication • Explain multiplication problems • Explain product <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Explain repeated addition • Represent repeated addition with a model • Solve repeated addition problems <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Combine • Combine sets • Demonstrate the concept of addition

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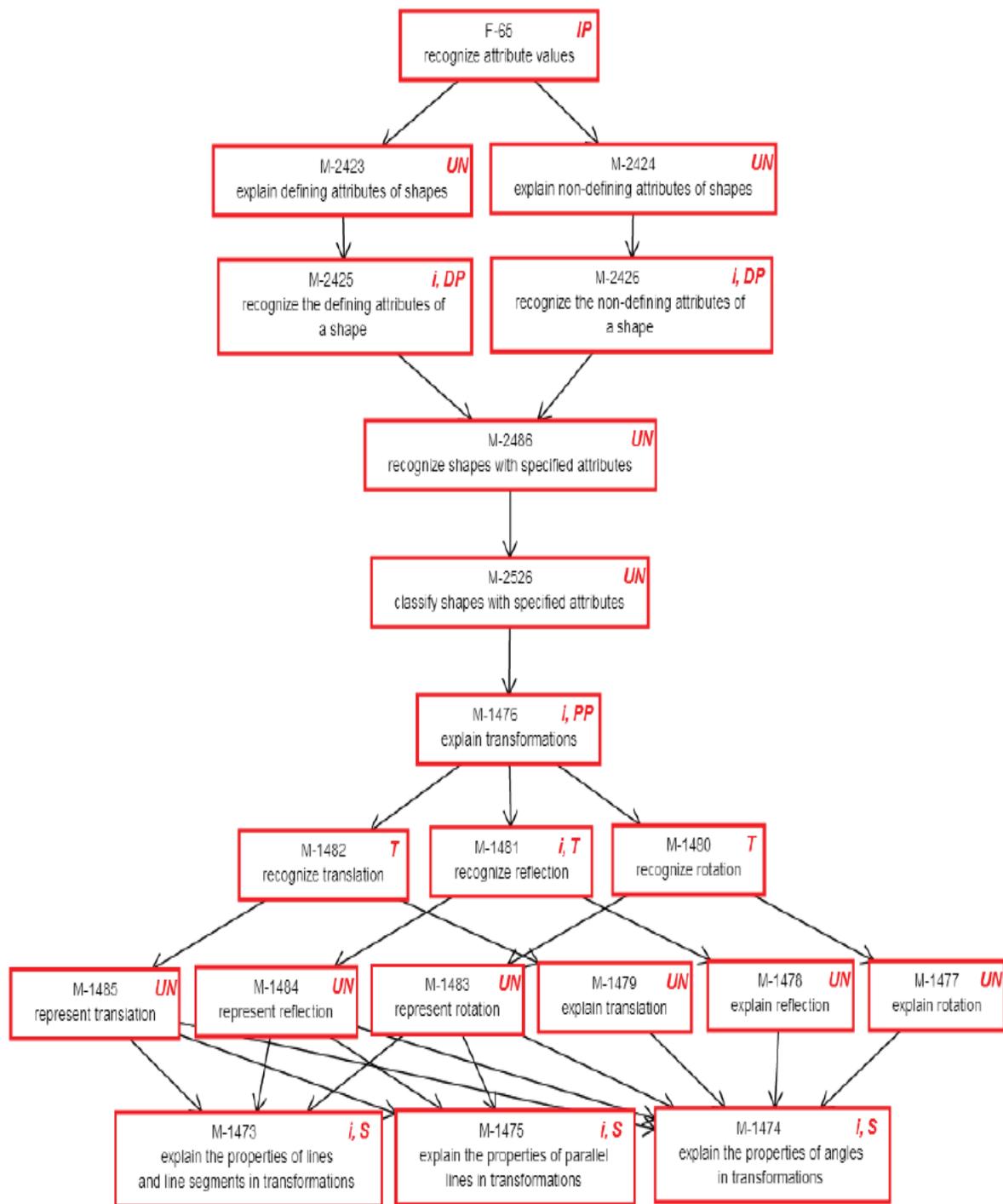
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: 8TH GRADE

M.EE.8.G.1

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.G.1; M.8.G.1. a; M.8.G.1.b; M.8.G.1.c</p>	<p>M.EE.8.G.1 Recognize translations, rotations, and reflections of shapes.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain the properties of lines and line segments in transformations • Explain the properties of angles in transformations • Explain the properties of parallel lines in transformations <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recognize translation • Recognize reflection • Recognize rotation <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain transformations <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize the defining attributes of a shape • Recognize the non-defining attributes of a shape <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

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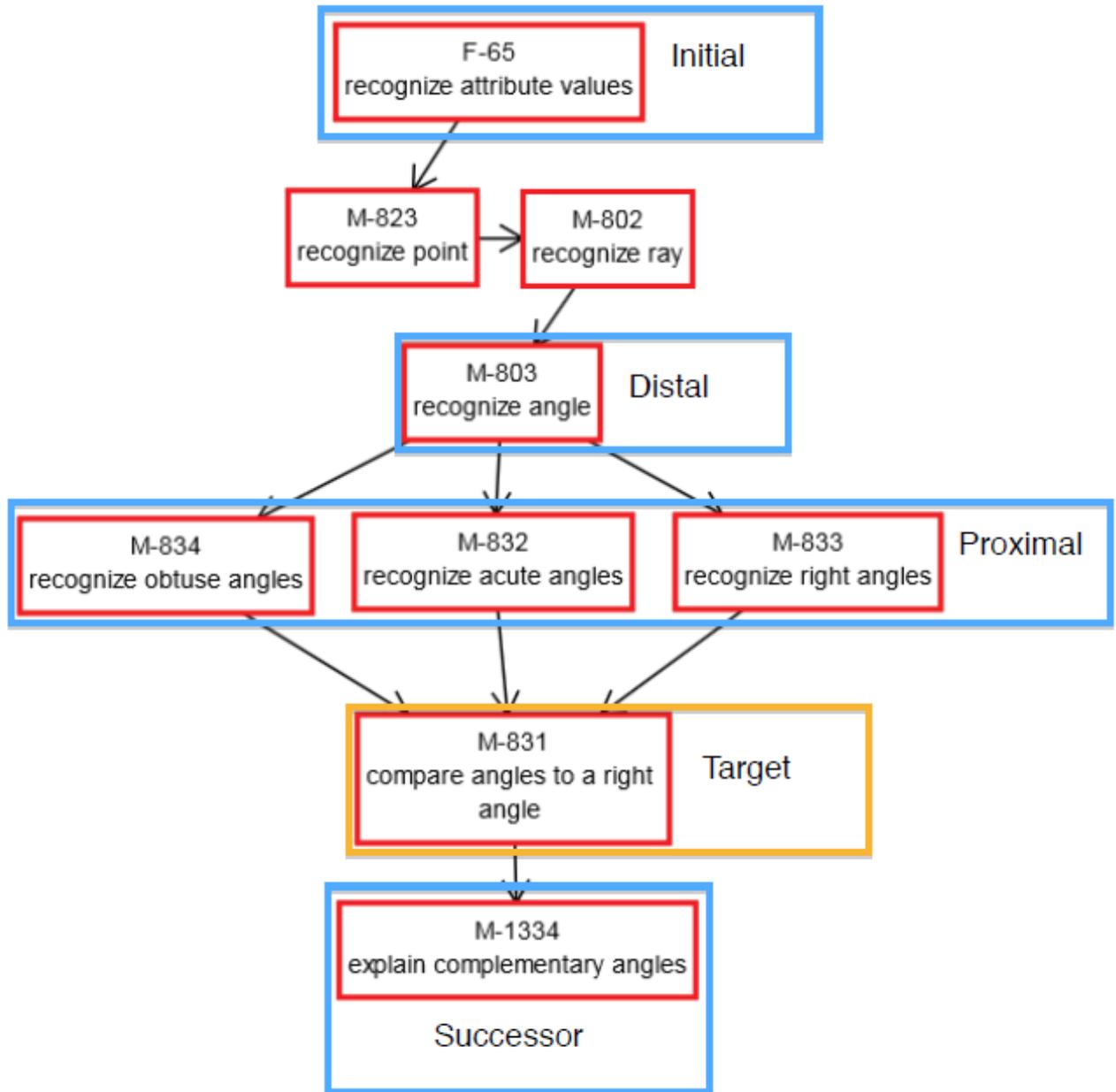
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 8TH GRADE

M.EE.8.G.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.G.5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. <i>For example, arrange tree copies of the same triangle so that the sum of the three angles appears to form a line, and give an argument in terms of transversals why this is so.</i></p>	<p>M.EE.8.G.5 Compare any angle to a right angle, and describe the angle as greater than, less than, or congruent to a right angle.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain complementary angles <p>Target Node:</p> <ul style="list-style-type: none"> • Compare angles to a right angle <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize acute angles • Recognize right angles • Recognize obtuse angles <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize angle <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

M.EE.8.G.5- Compare any angle to a right angle, and describe the angle as greater than, less than, or congruent to a right angle.





ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH 8TH GRADE

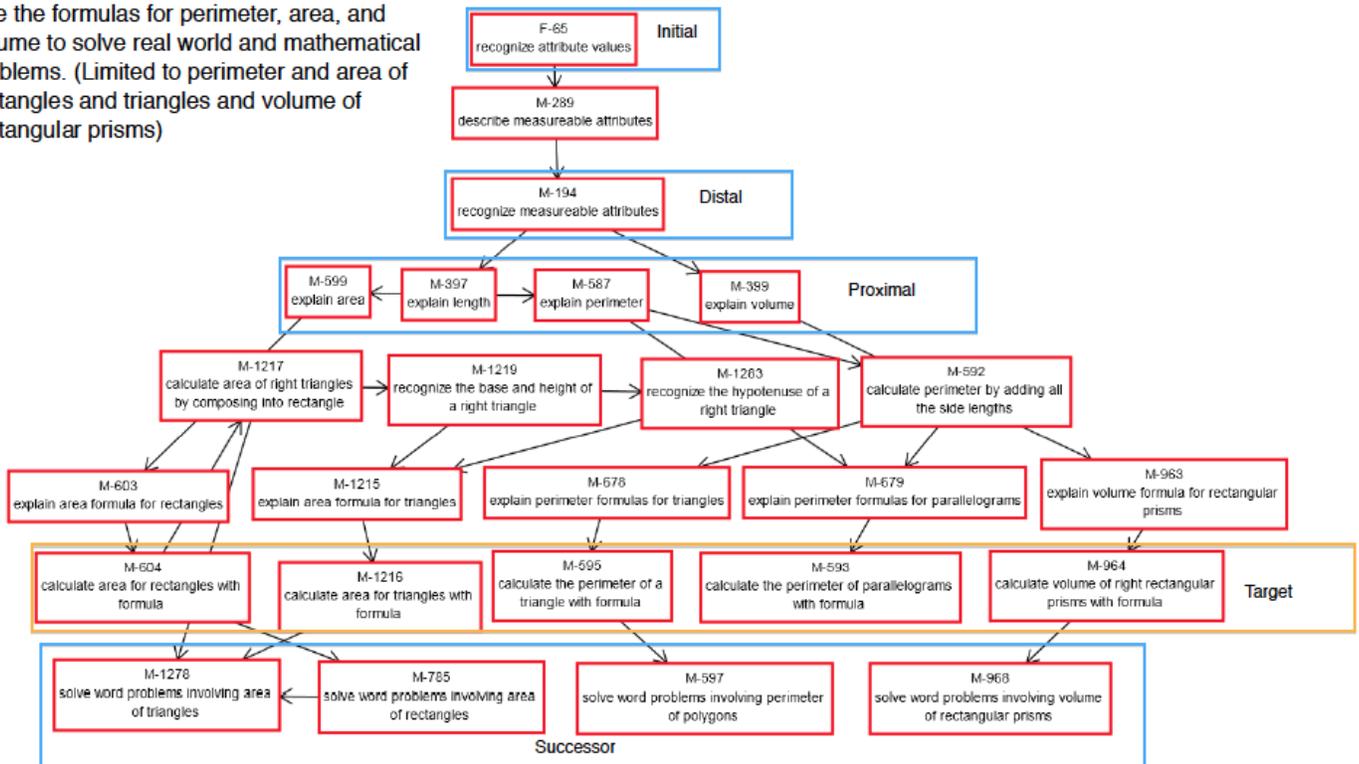
M.EE.8.G.9

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.8.G.9 Know the formulas for the volumes of cones, cylinders, and spheres, and use them to solve real-world and mathematical problems.</p>	<p>M.EE.8.G.9 Use the formulas for perimeter, area, and volume to solve real world and mathematical problems. (Limited to perimeter and area of rectangles and triangles and volume of rectangular prisms)</p>	<p>Successor Nodes:</p> <ul style="list-style-type: none"> • Solve word problems involving area of triangles • Solve word problems involving area of rectangles • Solve word problems involving perimeter of polygons • Solve word problems involving volume of rectangular prisms <p>Target Nodes:</p> <ul style="list-style-type: none"> • Calculate area for rectangles with formula • Calculate area for triangles with formula • Calculate the perimeter of a triangle with formula • Calculate the perimeter of parallelograms with formula • Calculate volume of right rectangular prisms with formula <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Explain length • Explain perimeter • Explain area • Explain volume <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize measurable attributes <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

M.EE.8.G.9- Use the formulas for perimeter, area, and volume to solve real world and mathematical problems. (Limited to perimeter and area of rectangles and triangles and volume of rectangular prisms)

M.EE.8.G.9

Use the formulas for perimeter, area, and volume to solve real world and mathematical problems. (Limited to perimeter and area of rectangles and triangles and volume of rectangular prisms)



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Grade 9 &10 Reading

ESSENTIAL ELEMENT, NODES, AND MINI-MAP

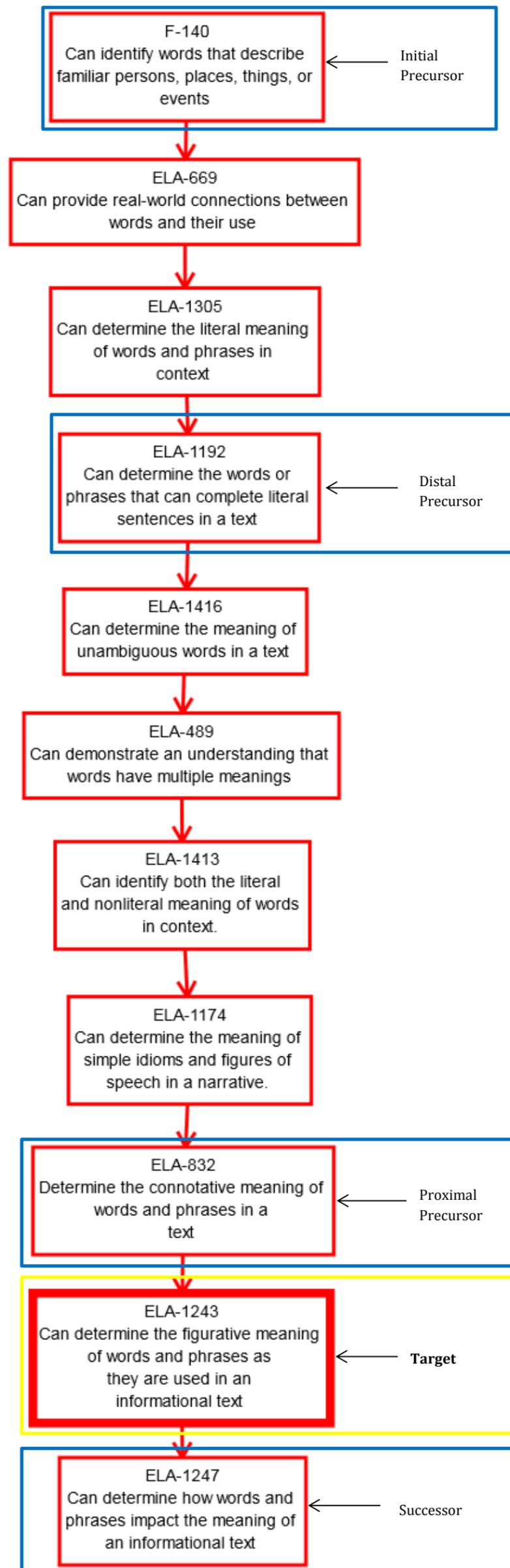
ELA: 9TH & 10TH GRADE

ELA.EE.RL.9-10.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.9-10.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).</p>	<p>ELA.EE.RL.9-10.4 Determine the meaning of words and phrases as they are used in text, including common idioms, analogies, and figures of speech.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine how words and phrases impact the meaning of an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine the figurative meaning of words and phrases as they are used in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Determine the connotative meaning of words and phrases in a text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify words that describe familiar persons, places, things, or events



ELA.EE.RI.9-10.4- Determine the meaning of words and phrases as they are used in text, including common idioms, analogies, and figures of speech.





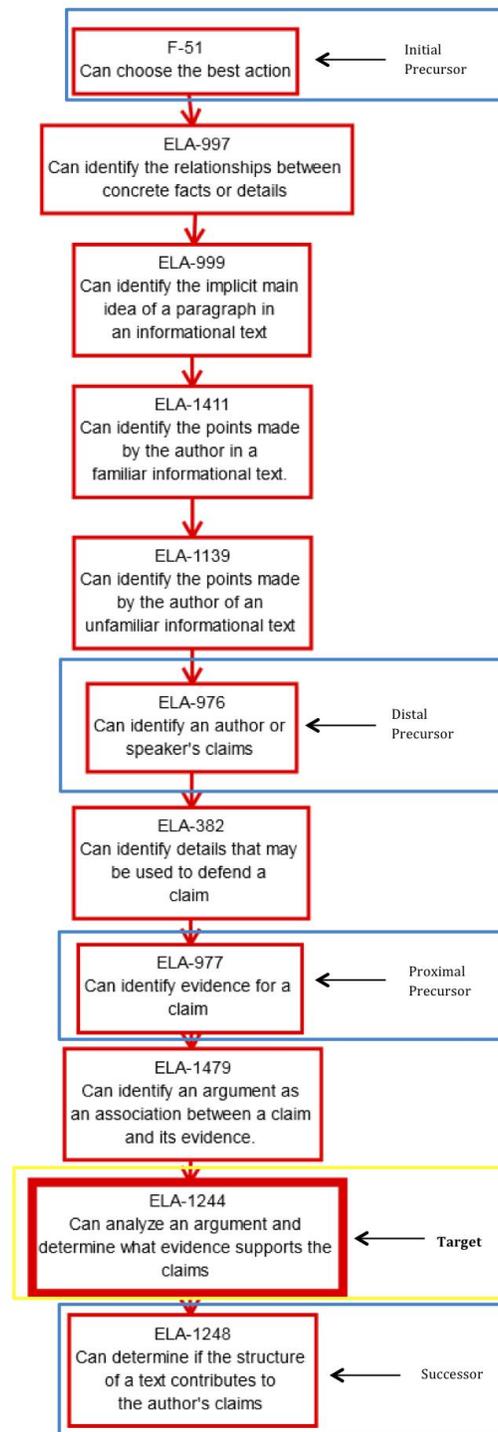
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 9TH & 10TH GRADE

ELA.EE.RI.9-10.8

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.9-10.8 Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is valid and the evidence is relevant and sufficient; identify false statements and fallacious reasoning.</p>	<p>ELA.EE.RI.9-10.8 Determine how the specific claims support the argument made in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine if the structure of a text contributes to the author’s claims <p>Target Node:</p> <ul style="list-style-type: none"> • Can analyze an argument and determine what evidence supports the claims <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify evidence for a claim <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify an author or speaker’s claims <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can choose the best action

ELA.EE.RI.9-10.8-Determine how the specific claims support the argument made in an informational text.



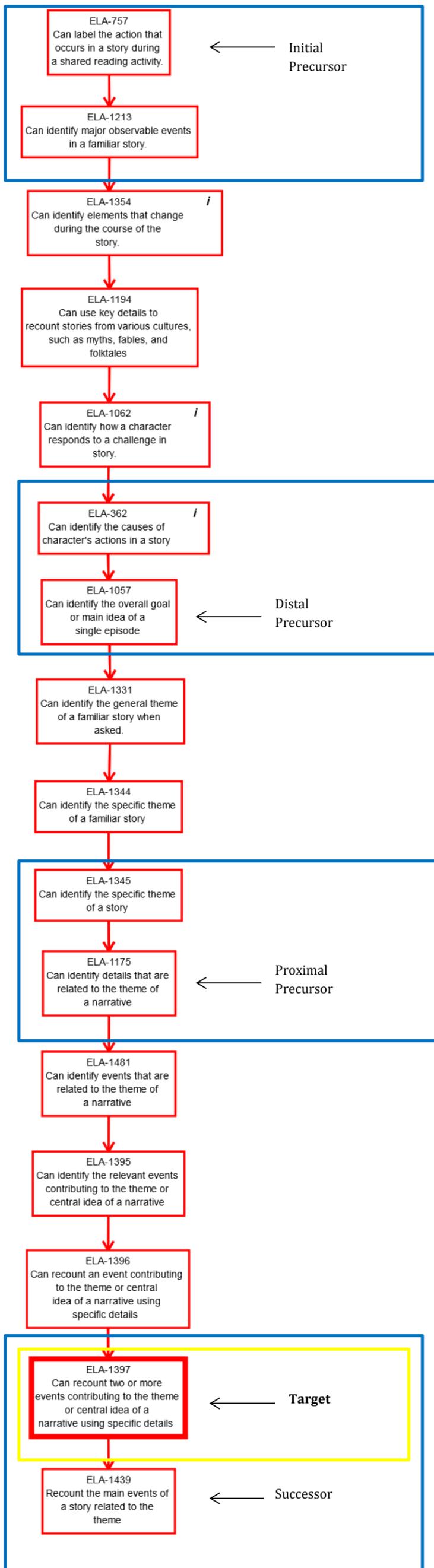
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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 9TH & 10TH GRADE

ELA.EE.RL.9-10.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.9-10.2 Determine a theme or central idea of a text and analyze in detail its development over the course of a text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.</p>	<p>ELA.EE.RL.9-10.2 Recount events related to the theme or central idea, including details about character and setting.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Recount the main events of a story related to the theme <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can recount two or more events contributing to the theme or central idea of a narrative using specific details <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can identify the details that are related to the theme of a narrative • Can identify the specific theme of a story (<i>supporting node</i>) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the overall goal or main idea of a single episode • Can identify the causes of character's actions in a story (<i>supporting node</i>) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify major observable events in a familiar story (<i>supporting node</i>) • Can label the action that occurs in a story during a shared reading activity





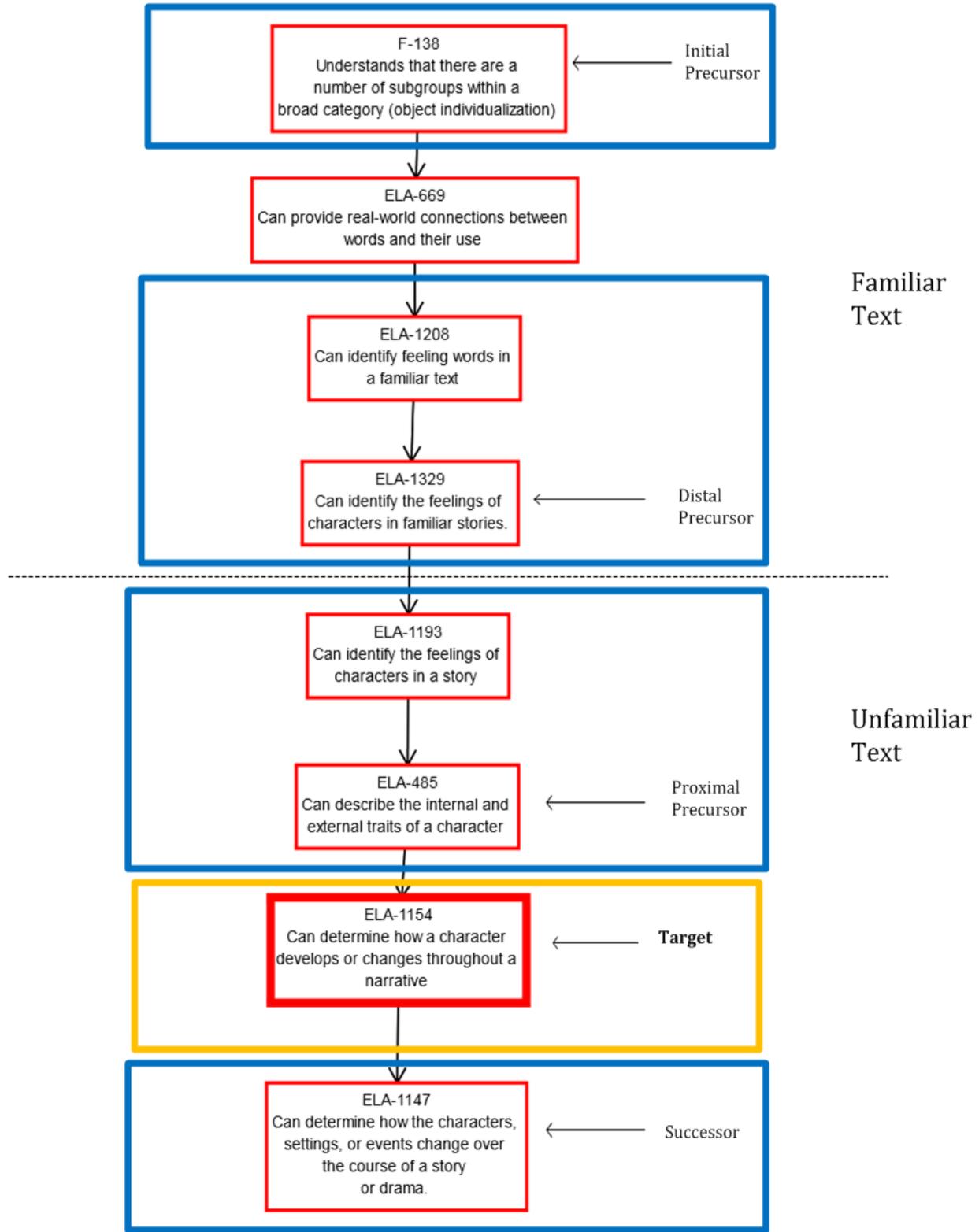
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 9TH & 10TH GRADE

ELA.EE.RL.9-10.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.9-10.3 Analyze how complex characters (e.g., those with multiple or conflicting motivations) develop over the course of a text, interact with other characters, and advance the plot or develop the theme.</p>	<p>ELA.EE.RL.9-10.3 Determine how characters change or develop over the course of a text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine how the characters, settings, or events change over the course of a story or drama <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine how a character develops or changes throughout a narrative <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can describe the internal and external traits of a character • Can identify the feelings of characters in a story (<i>supporting node</i>) <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the feelings of characters in familiar stories • Can identify feeling words in a familiar text (<i>supporting node</i>) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Understands that there are a number of subgroups within a broad category (object individualization)

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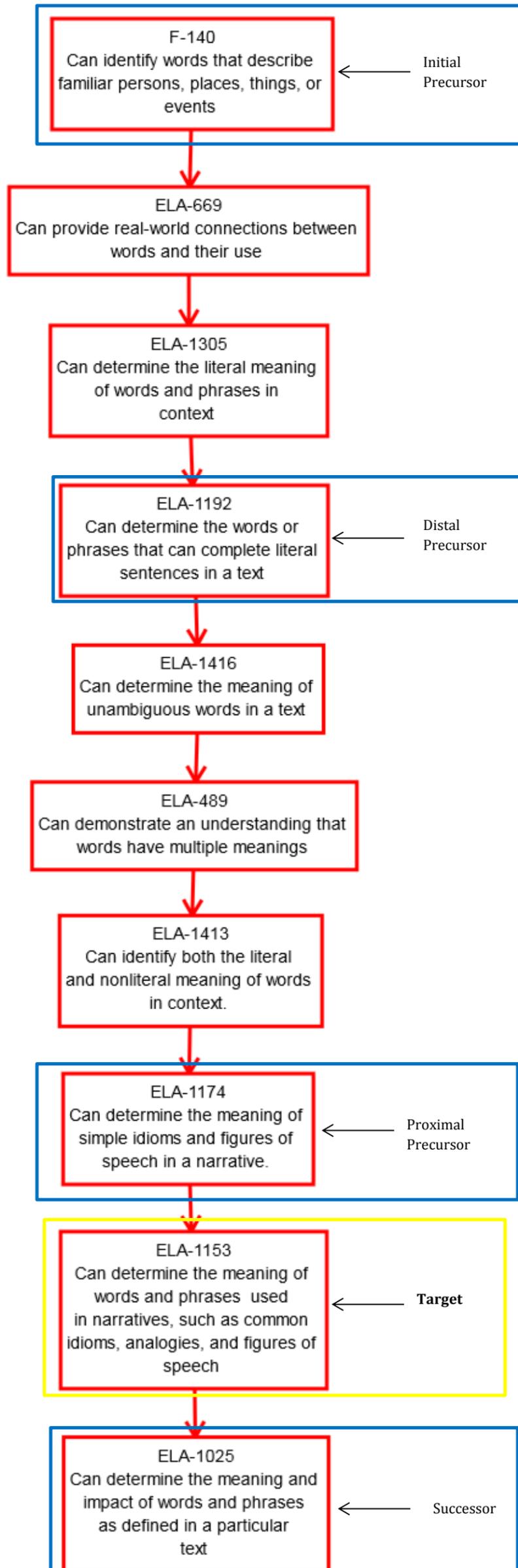
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ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 9TH & 10TH GRADE

ELA.EE.RL.9-10.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.9-10.4 Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings, analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language evokes a sense of time and place; how it sets a formal or informal tone).</p>	<p>ELA.EE.RL.9-10.4 Determine the meaning of words and phrases as they are used in a text, including idioms, analogies, and figures of speech.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine the meaning and impact of words and phrases as defined in a particular text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine the meaning of words and phrases used in narratives, such as common idioms, analogies, and figures of speech <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the meaning of simple idioms and figures of speech <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can determine the words or phrases that can complete literal sentences in a text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify words that describe familiar persons, places, things, or events





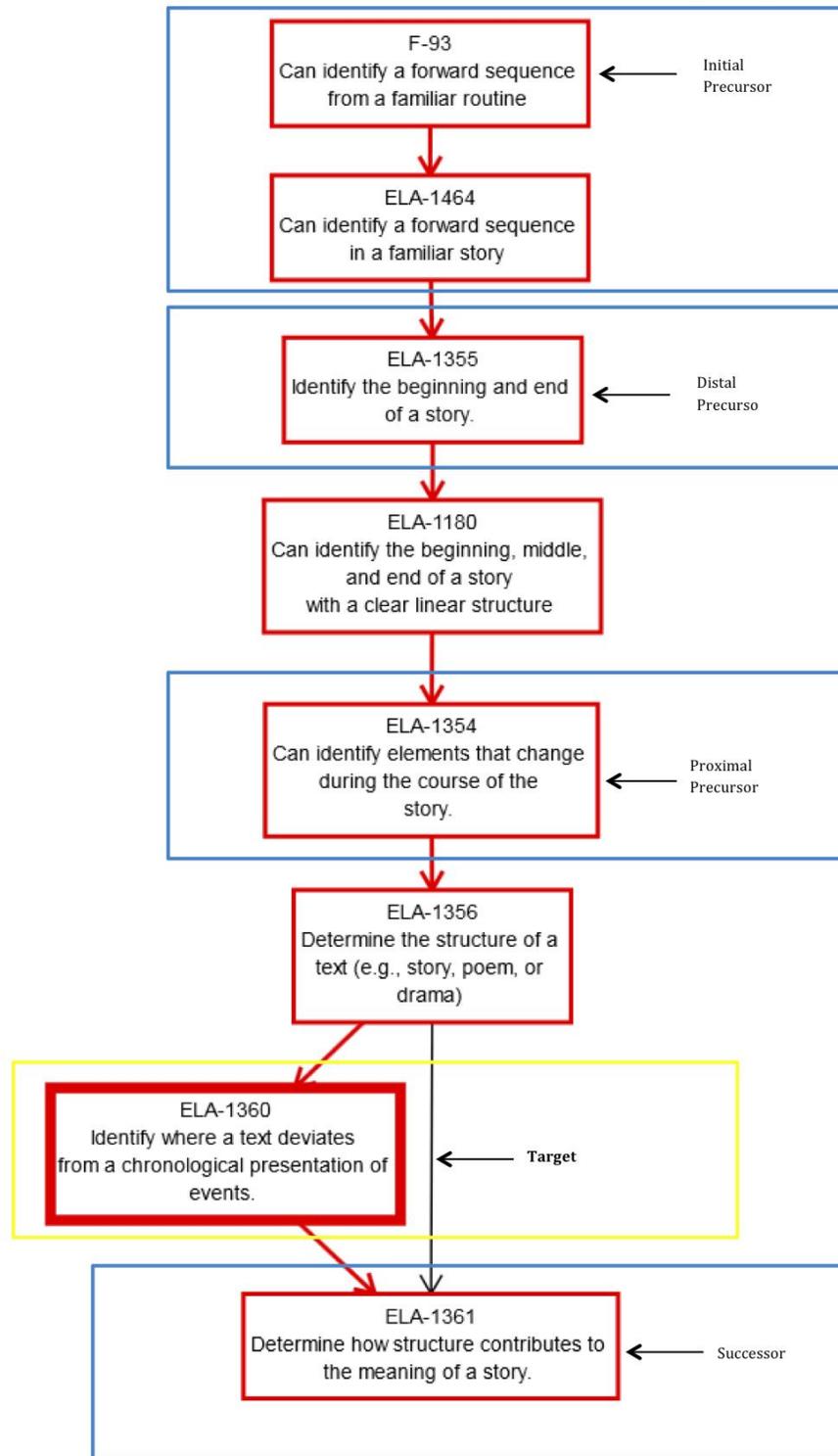
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 9TH & 10TH GRADE

ELA.EE.RL.9-10.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.9-10.5 Analyze how an author’s choices concerning how to structure a text, order events within it (e.g., parallel plots), and manipulate time (e.g., pacing, flashbacks) create such effects as mystery, tension, or surprise.</p>	<p>ELA.EE.RL.9-10.5 Identify where a text deviates from a chronological presentation of events.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> Determine how structure contributes to the meaning of a story <p>Target Node:</p> <ul style="list-style-type: none"> Identify where a text deviates from a chronological presentation of events <p>Proximal Precursor:</p> <ul style="list-style-type: none"> Can identify elements that change during the course of the story <p>Distal Precursor:</p> <ul style="list-style-type: none"> Identify the beginning and end of a story <p>Initial Precursor:</p> <ul style="list-style-type: none"> Can identify a forward sequence in a familiar story (<i>supporting node</i>) Can identify a forward sequence from a familiar routine

ELA.EE.RL.9-10.5-Identify where a text deviates from a chronological presentation of events.



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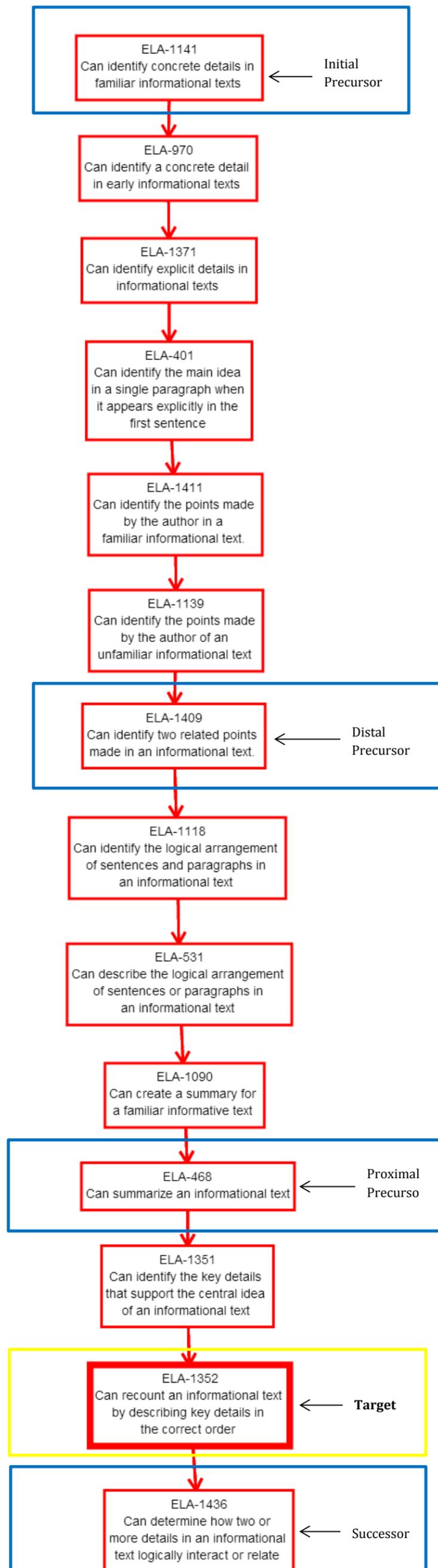
Grade 11 &12 Reading

ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

ELA.EE.RI.11-12.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.11-12.2 Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.</p>	<p>ELA.EE.RI.11-12.2 Determine the central idea of a text; recount the text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can determine how two or more details in an informational text logically interact or relate <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can recount an informational text by describing key details in the correct order <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can summarize an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify two related points made in an informational text <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify concrete details in familiar informational texts



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

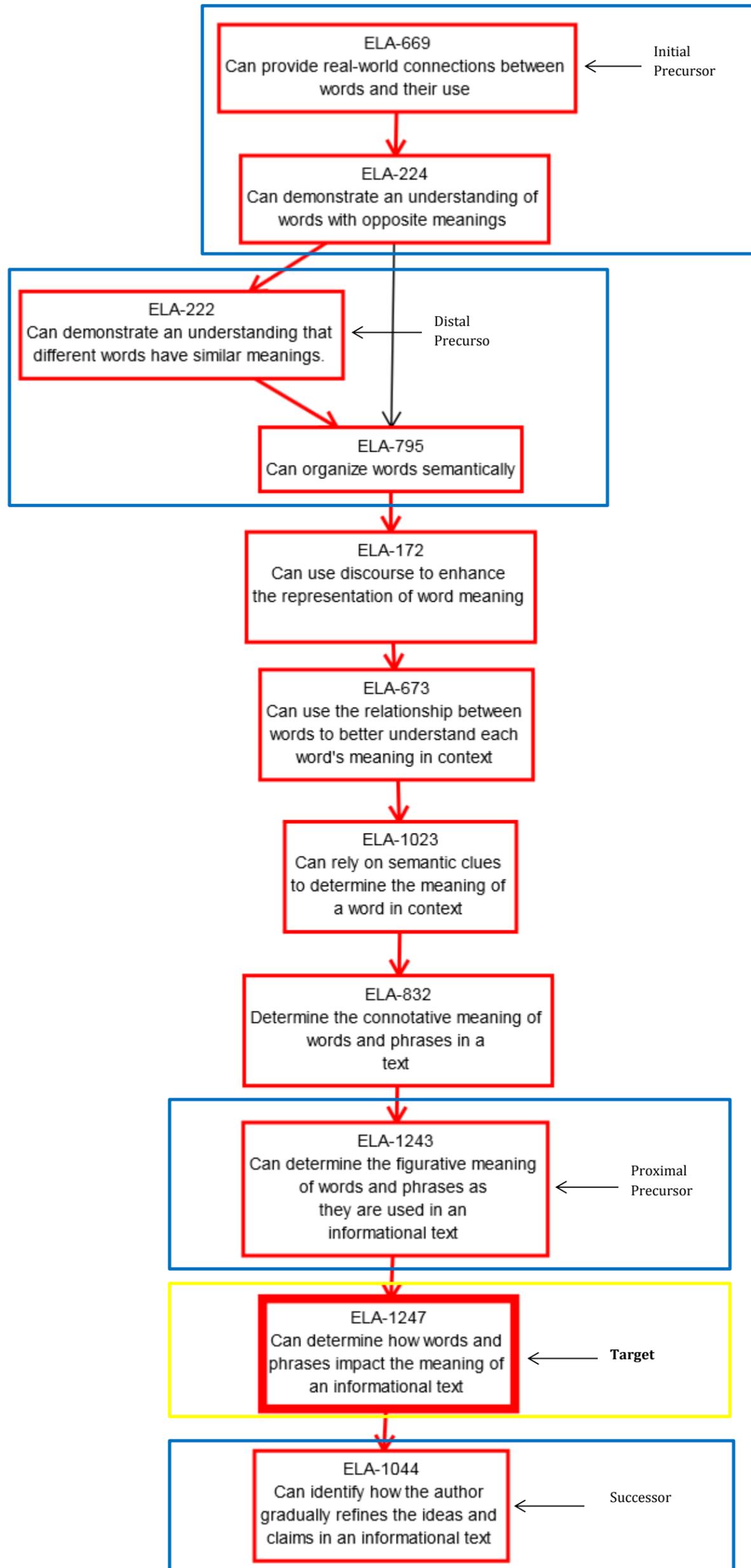
ELA: 11TH & 12TH GRADE

ELA.EE.RI.11-12.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RI.11-12.2 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No.10).</p>	<p>ELA.EE.RI.11-12.4 Determine how words or phrases in a text, including words with multiple meanings and figurative language, impact the meaning of the text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify how the author gradually refines the ideas and claims in an informational text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine how words and phrases impact the meaning of an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine the figurative meaning of words and phrases as they are used in an informational text <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can organize words semantically (<i>supporting node</i>) • Can demonstrate an understanding that different words have similar meanings <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding of words with opposite meanings (<i>supporting node</i>) • Can provide real-world connections between words and their use



ELA.EE.RI.11.12.4 - Determine how words or phrases in a text, including words with multiple meanings and figurative language, impacts the meaning of the text.



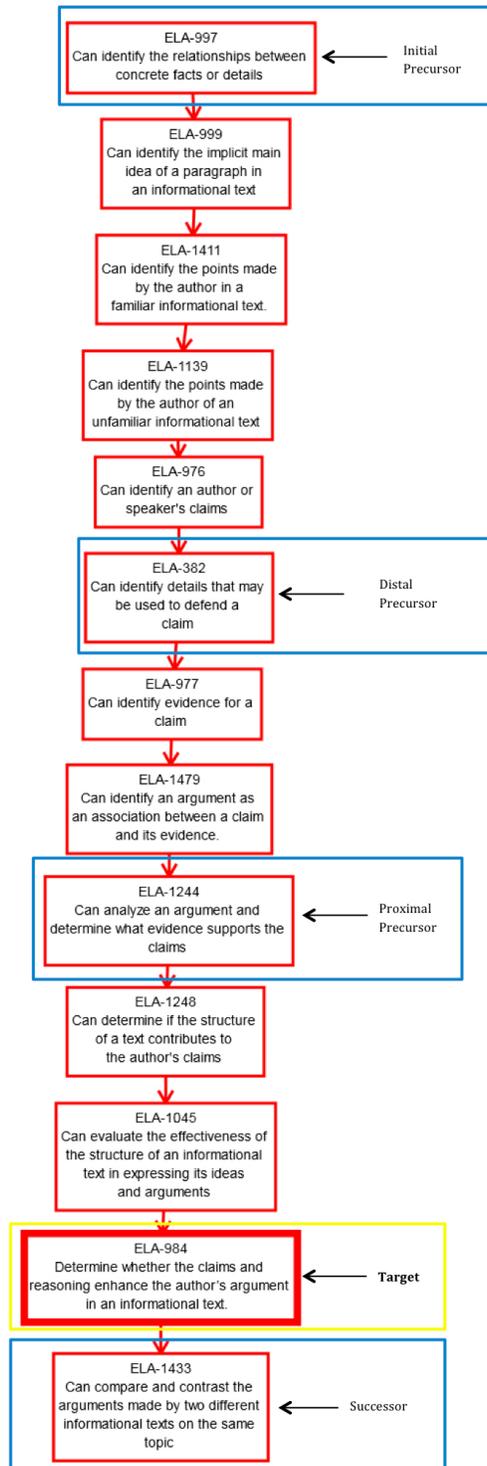


DLM™ PILOT INFORMATION: ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

CCSS Grade-Level Standards	DLM™ Essential Element	Node Linkage Progression
<p>ELA.RI.11-12.8 Delineate and evaluate the reasoning in seminal U.S. texts, including the application of constitutional principles and use of legal reasoning (e.g., in U.S. Supreme Court majority opinions and dissents) and the premises, purposes, and arguments in works of public advocacy (e.g., The Federalist, presidential addresses).</p>	<p>ELA.EE.RI.11-12.8 Determine whether the claims and reasoning enhances the author’s argument in an informational text.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can compare and contrast the arguments made by two different informational texts on the same topic <p>Target Node:</p> <ul style="list-style-type: none"> • Determine whether the claims and reasoning enhance the author’s argument in an informational text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can analyze an argument and determine what evidence supports the claims <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify details that may be used to defend a claim <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify the relationships between concrete facts or details

ELA.EE.RI.9-11-12.8- Determine whether the claims and reasoning enhance the author's argument in an informational text.

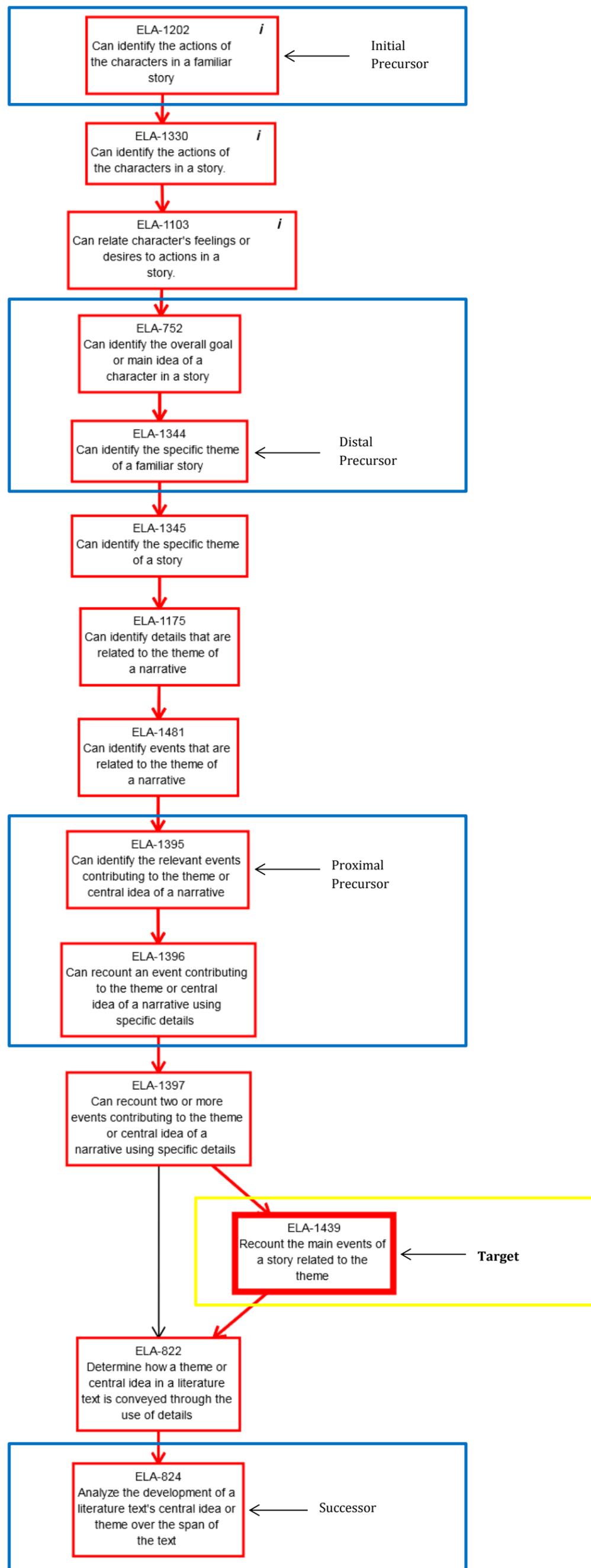


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

ELA.EE.RL.11-12.2

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.11-12.2 Determine two or more themes or central ideas of a text and analyze their development over the course of a text, including how they interact and build on one another to produce a complex account; provide an objective summary of the text.</p>	<p>ELA.EE.RL.11-12.2 Recount the main events of the text which are related to the theme or central idea.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Analyze the development of a literature text’s central idea or theme over the span of the text <p>Target Nodes:</p> <ul style="list-style-type: none"> • Recount the main events of a story related to the theme <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can recount an event contributing to the theme or central idea of a narrative using specific details (<i>supporting node</i>) • Can identify the relevant events contributing to the theme or central idea of a narrative <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the specific theme of a familiar story • Can identify the overall goal or main idea of a character in a story (<i>supporting node</i>) <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify the actions of the characters in a familiar story

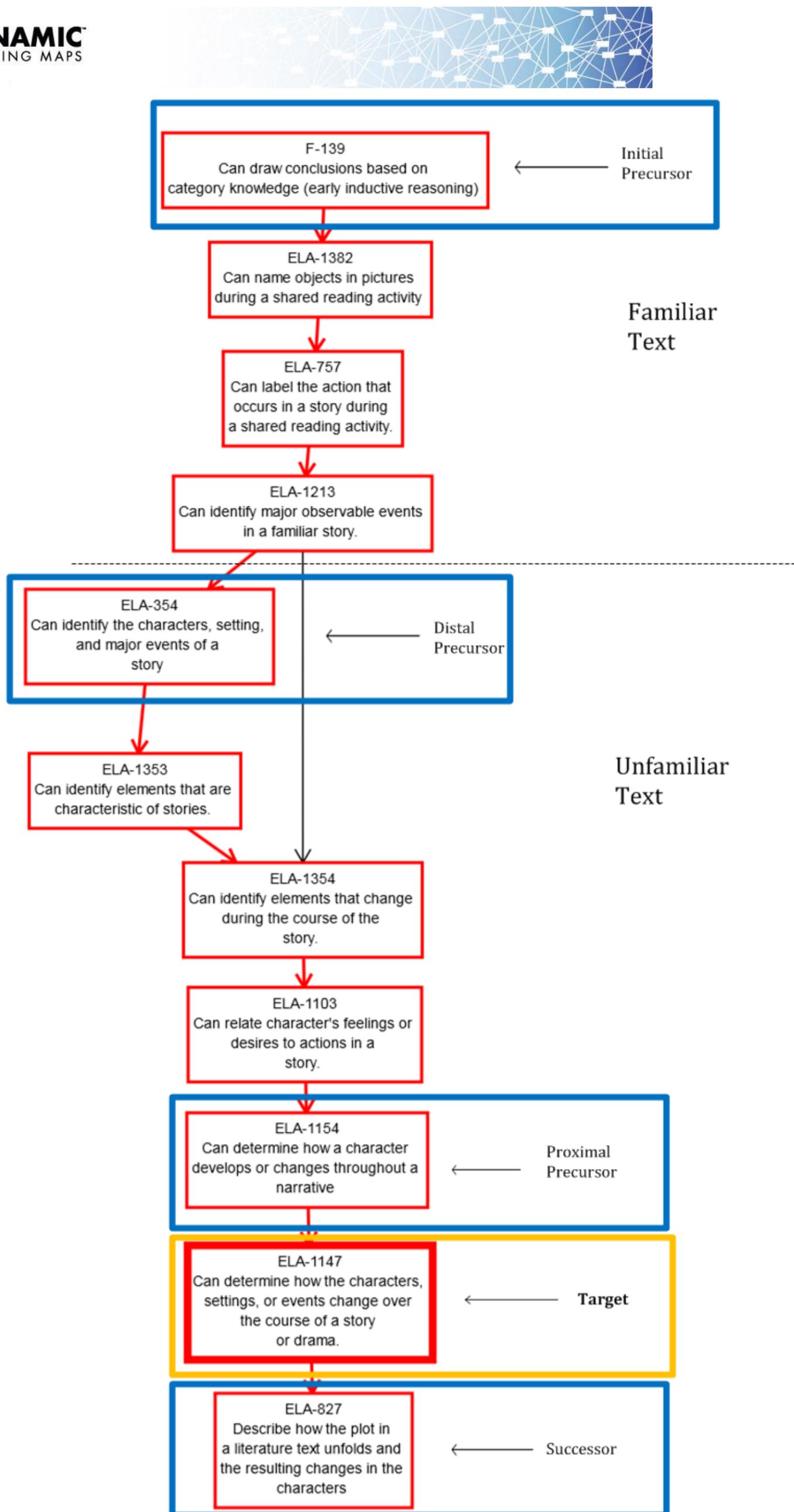


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

ELA.EE.RL.11-12.3

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.11-12.3 Analyze the impact of the author’s choices regarding how to develop and relate elements of a story or drama (e.g., where a story is set, how the action is ordered, how the characters are introduced and developed).</p>	<p>ELA.EE.RL.11-12.3 Determine how characters, the setting or events change over the course of the story or drama.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Describe how the plot in a literary text unfolds and the resulting changes in the characters <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine how the characters, settings, or events change over the course of a story or drama <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can determine how a character develops or changes throughout a narrative <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can identify the characters, setting, and major events of a story <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can draw conclusions based on category knowledge (early inductive reasoning)

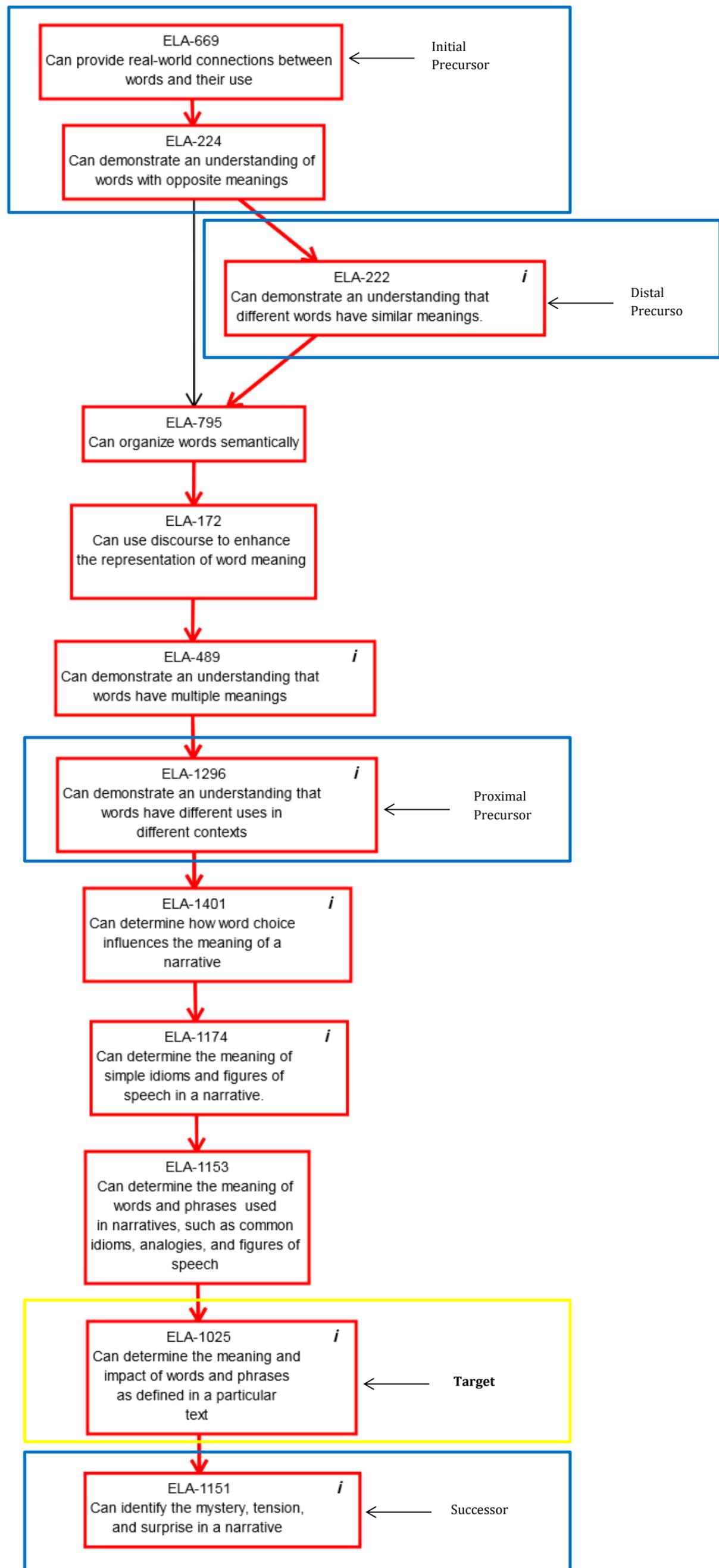


ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

ELA.EE.RL.11-12.4

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.11-12.4 Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including words with multiple meanings or language that is particular fresh, engaging, or beautiful. (Include Shakespeare as well as other authors.)</p>	<p>ELA.EE.RL.11-12.4 Determine how words or phrases in a text, including words with multiple meanings and figurative language, impact the meaning.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Can identify the mystery, tension, and surprise in a narrative <p>Target Nodes:</p> <ul style="list-style-type: none"> • Can determine the meaning and impact of words and phrases as defined in a particular text <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that words have different uses in different contexts <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding that different words have similar meanings <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can demonstrate an understanding of words with opposite meanings (<i>supporting node</i>) • Can provide real-world connections between words and their use





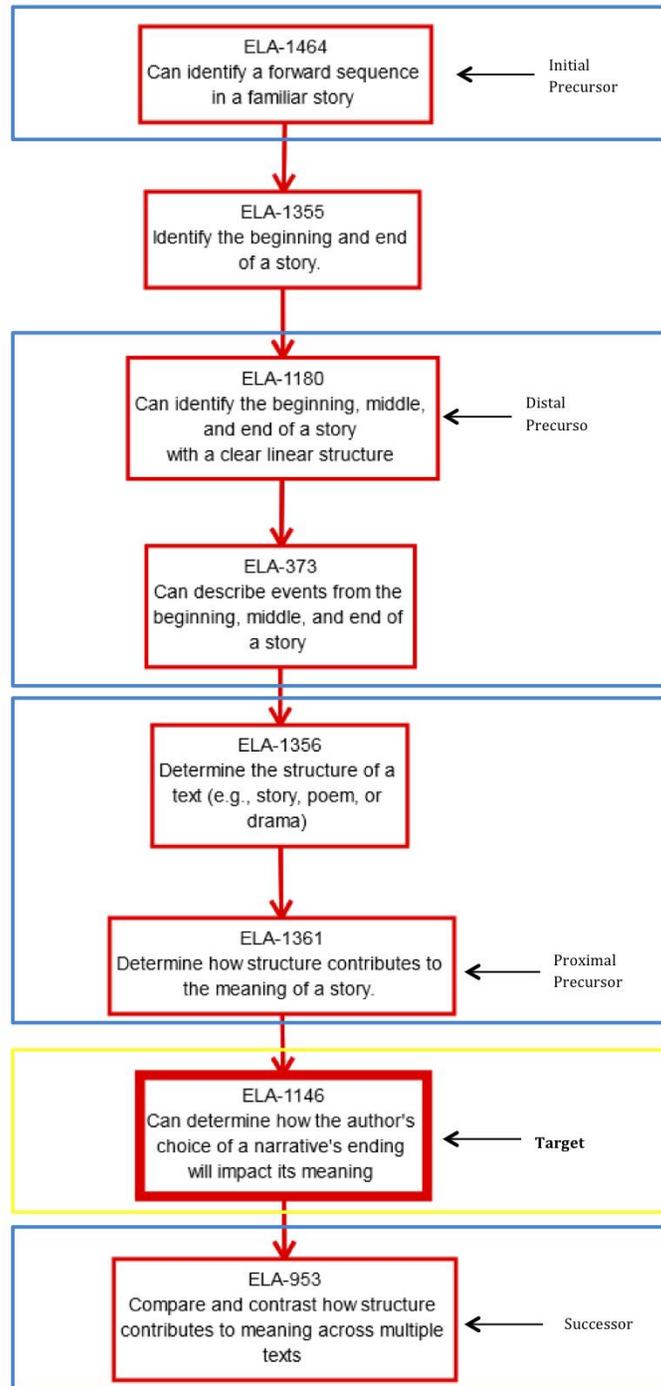
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

ELA: 11TH & 12TH GRADE

ELA.EE.RL.11-12.5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>ELA.RL.11-12.5 Analyze how an author’s choice concerning how to structure specific parts of a text (e.g., the choice of where to begin or end a story, the choice to provide comedic or tragic resolution) contributes to its overall structure and meaning as well as its aesthetic impact.</p>	<p>ELA.EE.RL.11-12.5 Determine how the author’s choice of where to end the story contributes to the meaning.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Compare and contrast how structure contributes to meaning across multiple texts <p>Target Node:</p> <ul style="list-style-type: none"> • Can determine how the author’s choice of a narrative’s ending will impact its meaning <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Determine the structure of a text (e.g., story, poem, or drama)(<i>supporting node</i>) • Determine how structure contributes to the meaning of a story <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Can describe events from the beginning, middle, and end of a story (<i>supporting node</i>) • Can identify the beginning, middle, and end of a story with a clear linear structure <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Can identify a forward sequence in a familiar story

ELA.EE.RL.9-11-12.5- Determine how the author’s choice of where to end the story contributes to the meaning.



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High School Math



ESSENTIAL ELEMENT, NODES, AND MINI-MAP

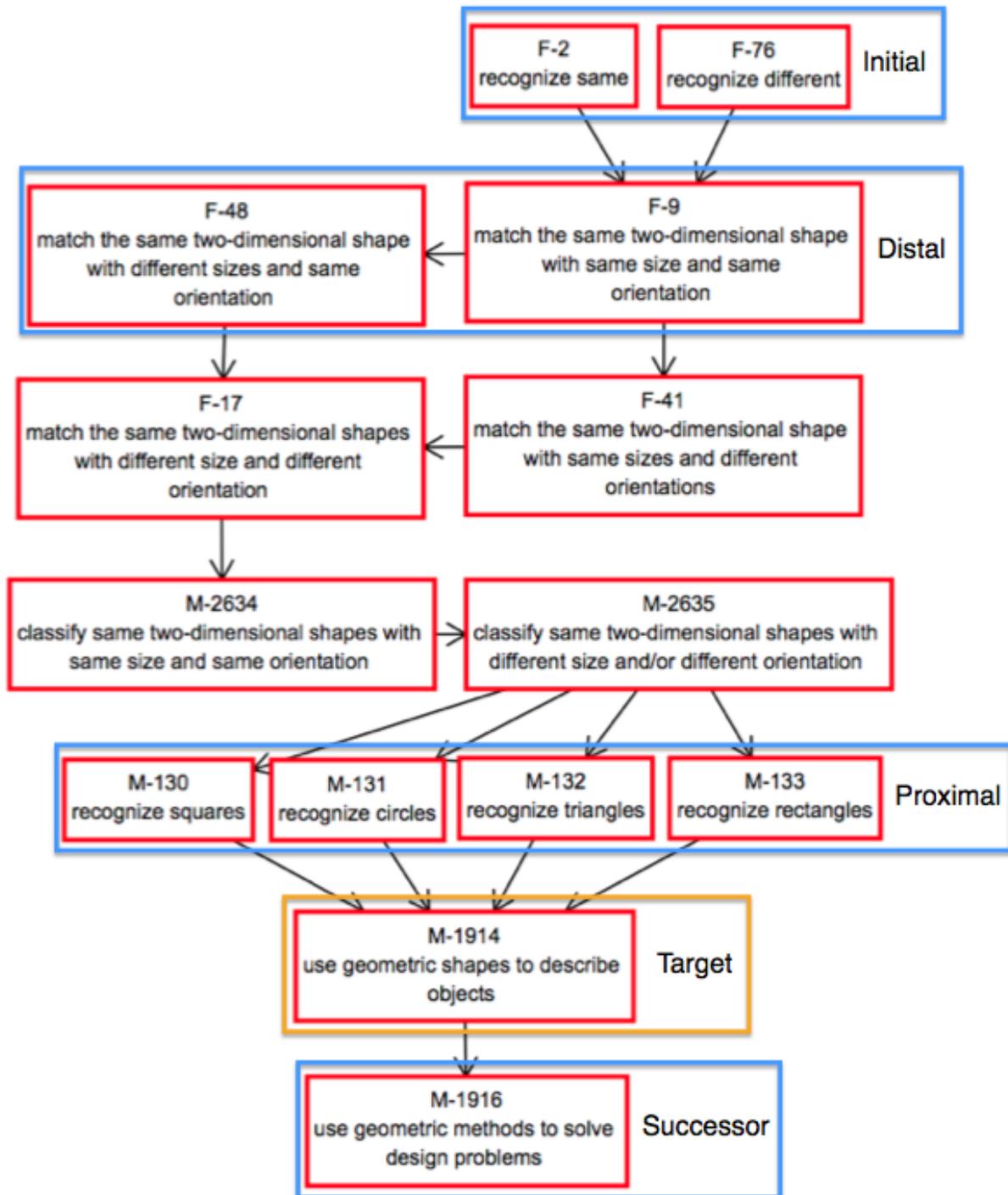
HIGH SCHOOL MATH

M.EE.G-MG.1-3 (2-D)

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.G-MG.1 Use geometric shapes, their measures, and their properties to describe objects (e.g., modeling a tree trunk or human torso as a cylinder).</p> <p>M.G-MG.2 Apply concepts of density based on area and volume in modeling situations (e.g., persons per square mile, BTUs per cubic foot).</p> <p>M.G-MG.3 Apply geometric methods to solve design problems (e.g., designing an object or structure to satisfy physical constraints or minimize cost; working with typographic grid systems based on ratios).</p>	<p>M.EE.G-MG.1-3 (2-D) Use properties of geometric shapes to describe real-life objects.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Use geometric methods to solve design problems <p>Target Node:</p> <ul style="list-style-type: none"> • Use geometric shapes to describe objects <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize squares • Recognize circles • Recognize triangles • Recognize rectangles <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Match the same two-dimensional shape with the same size and same orientation • Match the same two-dimensional shape with different sizes and same orientation <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different



M.EE.G-MG.1-3 (2D)- Use properties of geometric shapes to describe real-life objects.





ESSENTIAL ELEMENT, NODES, AND MINI-MAP

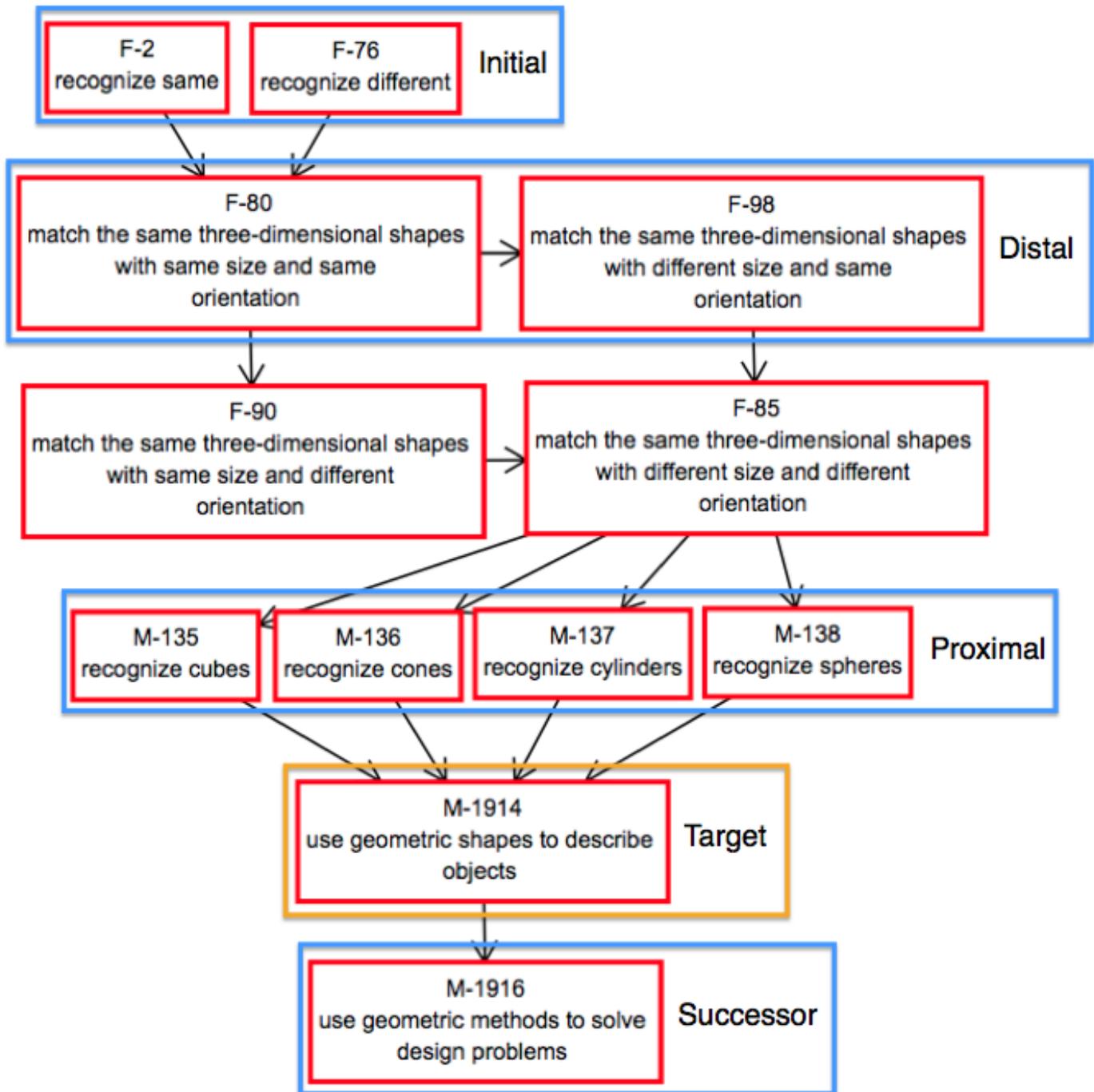
HIGH SCHOOL MATH

M.EE.G-MG.1-3 (3-D)

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.G-MG.1 Use geometric shapes, their measures, and their properties to describe objects (e.g., modeling a tree trunk or human torso as a cylinder).</p> <p>M.G-MG.2 Apply concepts of density based on area and volume in modeling situations (e.g., persons per square mile, BTUs per cubic foot).</p> <p>M.G-MG.3 Apply geometric methods to solve design problems (e.g., designing an object or structure to satisfy physical constraints or minimize cost; working with typographic grid systems based on ratios).</p>	<p>M.EE.G-MG.1-3 (3-D) Use properties of geometric shapes to describe real-life objects.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Use geometric methods to solve design problems <p>Target Node:</p> <ul style="list-style-type: none"> • Use geometric shapes to describe objects <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize cubes • Recognize cones • Recognize cylinders • Recognize spheres <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Match the same three-dimensional shape with the same size and same orientation • Match the same three-dimensional shape with different size and same orientation <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different



M.EE.G-MG.1-3 (3D)- Use properties of geometric shapes to describe real-life objects.





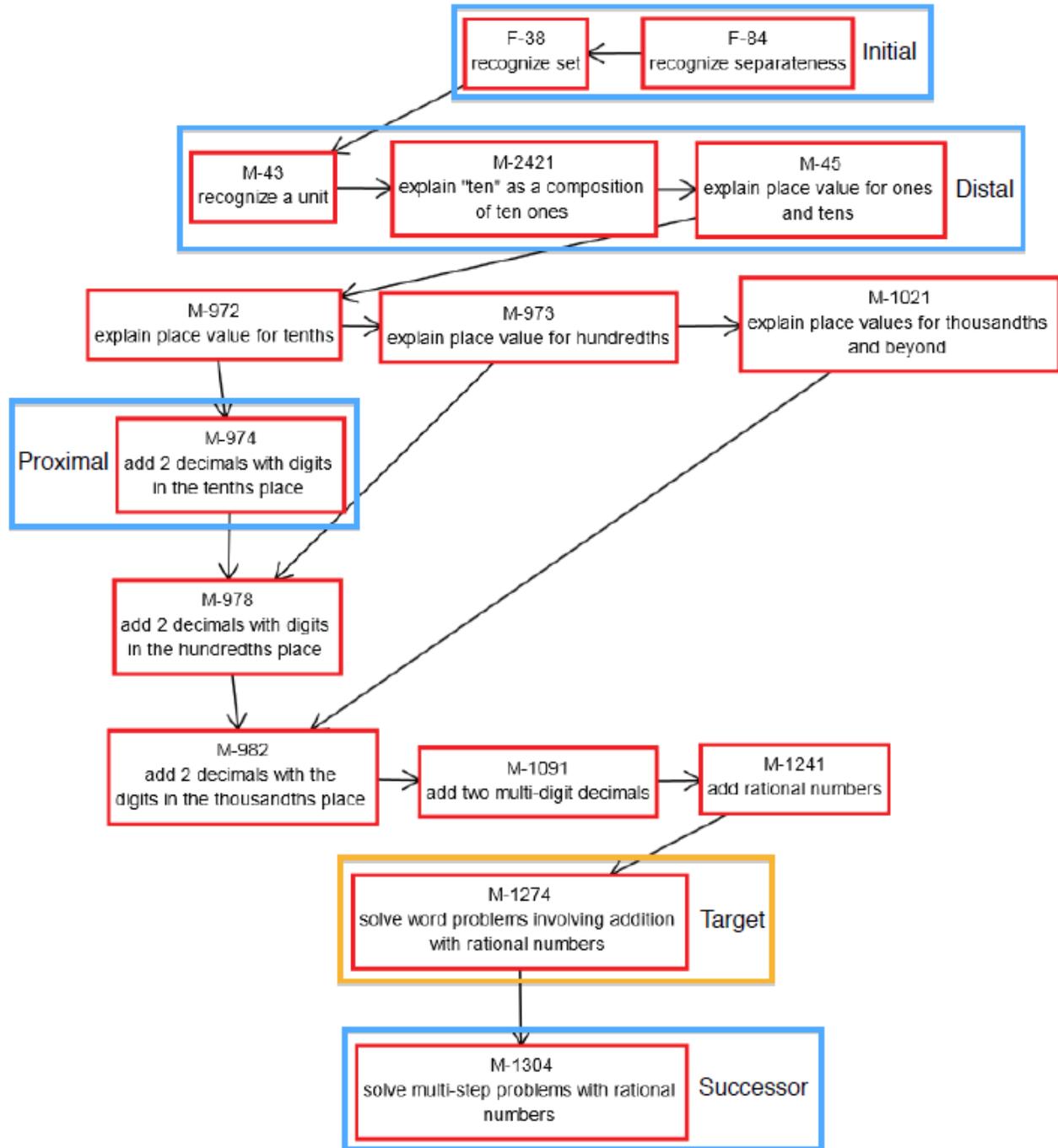
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

HIGH SCHOOL MATH

M.EE.N-CN.2.B (ADDITION)

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.N-CN.2 Use the relation $i^2 = -1$ and the commutative, associative, and distributive properties to add, subtract, and multiply complex numbers.</p>	<p>M.EE.N-CN.2.b (Addition) Solve real world problems involving addition and subtraction of decimals and whole numbers, using models when needed.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Solve multi-step problems with rational numbers <p>Target Node:</p> <ul style="list-style-type: none"> • Solve word problems involving addition with rational numbers <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Add 2 decimals up to the tenths place <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize a unit • Explain place value for ones and tens • Explain “ten” as a composition of ten ones <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize set • Recognize separateness

M.EE.N.CN.2.b (Addition)- Solve real world problems involving addition and subtraction of decimals, using models when needed.



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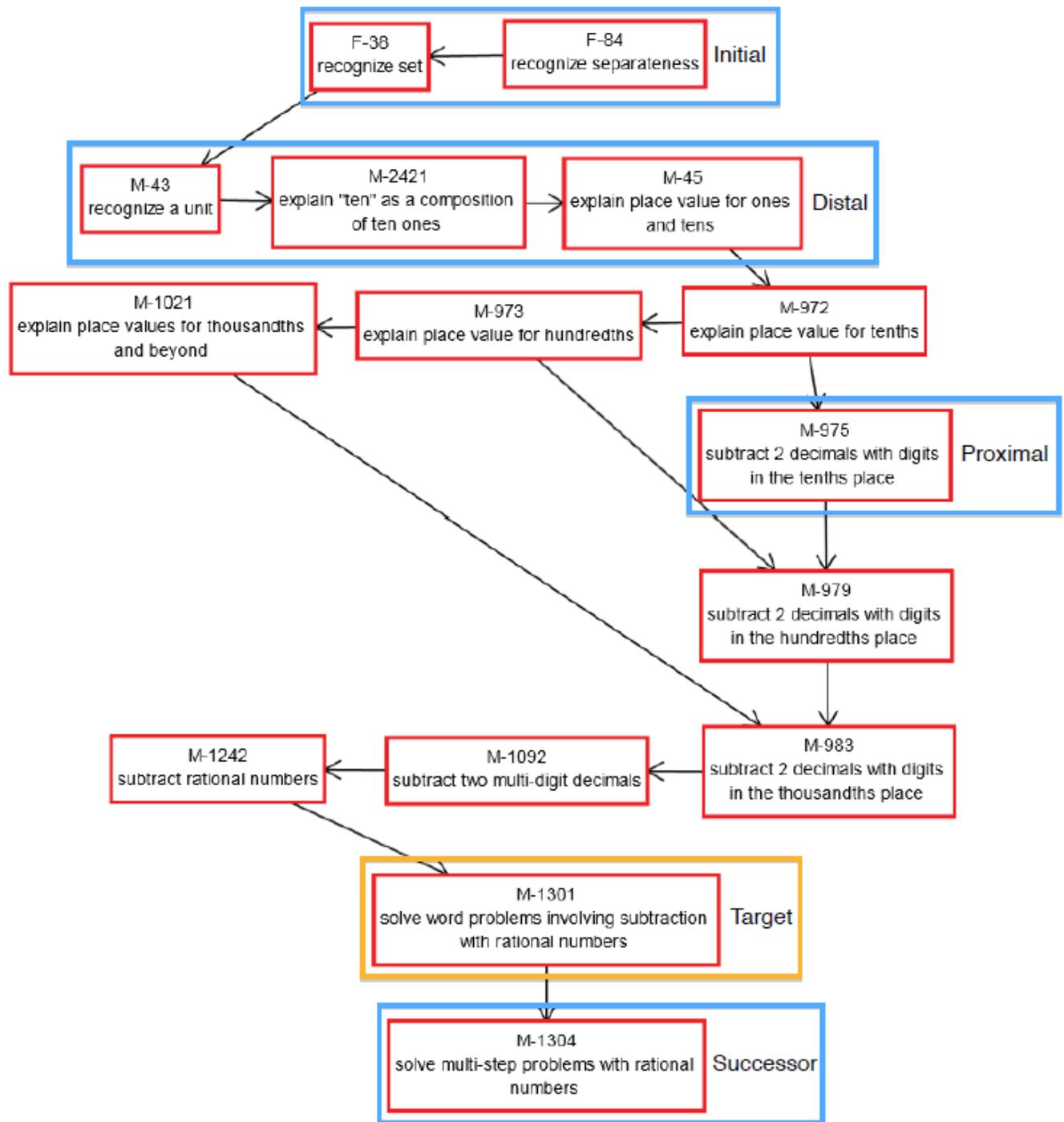
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

HIGH SCHOOL MATH

M.EE.N-CN.2.B (SUBTRACTION)

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.N-CN.2 Use the relation $i^2 = -1$ and the commutative, associative, and distributive properties to add, subtract, and multiply complex numbers.</p>	<p>M.EE.N-CN.2.b (Subtraction) Solve real world problems involving addition and subtraction of decimals and whole numbers, using models when needed.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Solve multi-step problems with rational numbers <p>Target Node:</p> <ul style="list-style-type: none"> • Solve word problems involving subtraction with rational numbers <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Subtract 2 decimals up to the tenths place <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize a unit • Explain place value for ones and tens • Explain “ten” as a composition of ten ones <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize set • Recognize separateness

M.EE.N.CN.2.b (Subtraction)- Solve real world problems involving addition and subtraction of decimals, using models when needed.



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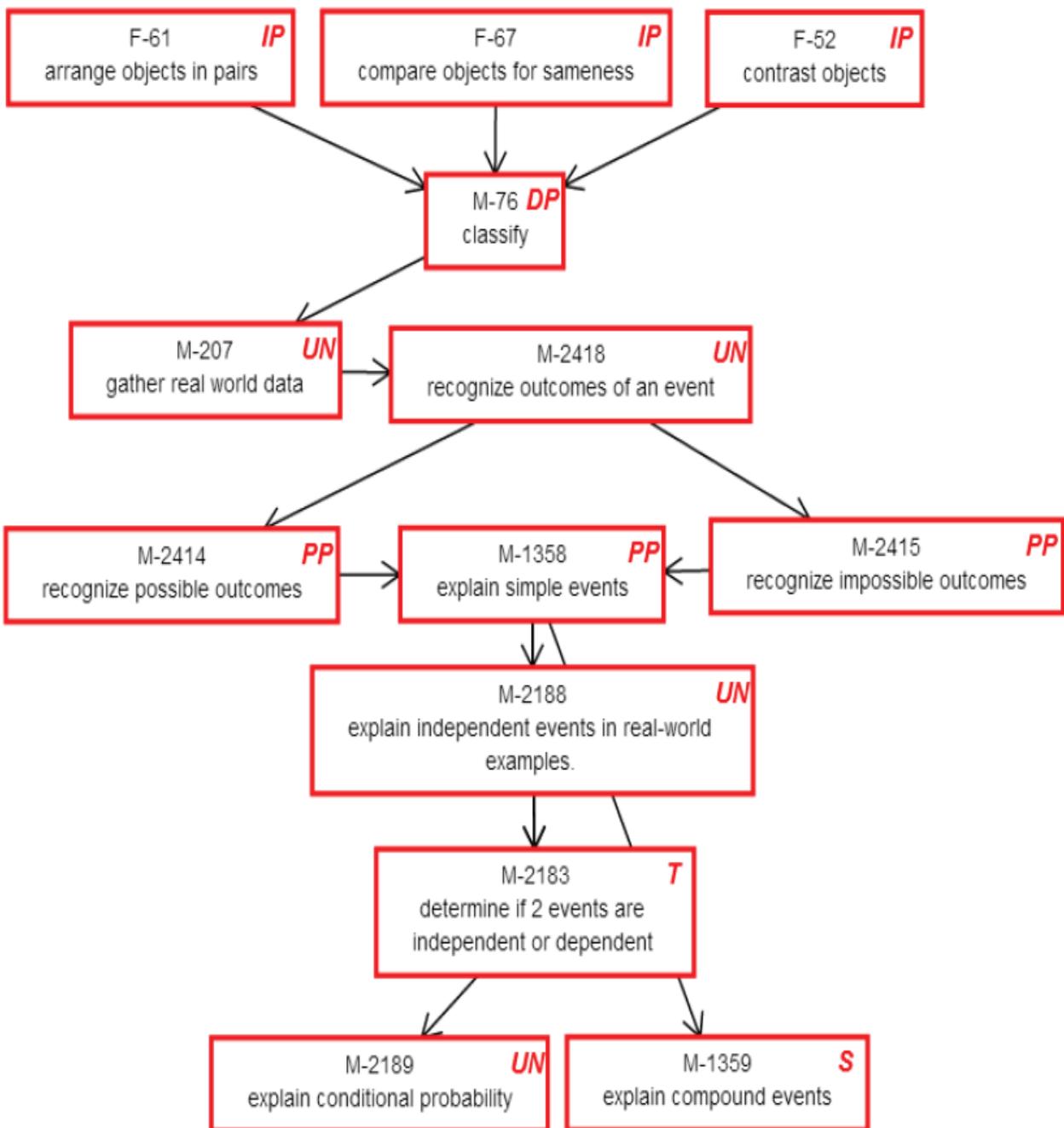
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: HIGH SCHOOL

M.EE.S-CP.1-5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.S-CP.1; M.S-CP.2; M.S-CP.3; M.S-CP.4</p>	<p>M.EE.S-CP.1-5 Identify when events are independent or dependent.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain compound events <p>Target Nodes:</p> <ul style="list-style-type: none"> • Determine if 2 events are independent or dependent <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize possible outcomes • Explain simple events • Recognize impossible outcomes <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Classify <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Contrast objects • Arrange objects in pairs • Compare objects for sameness

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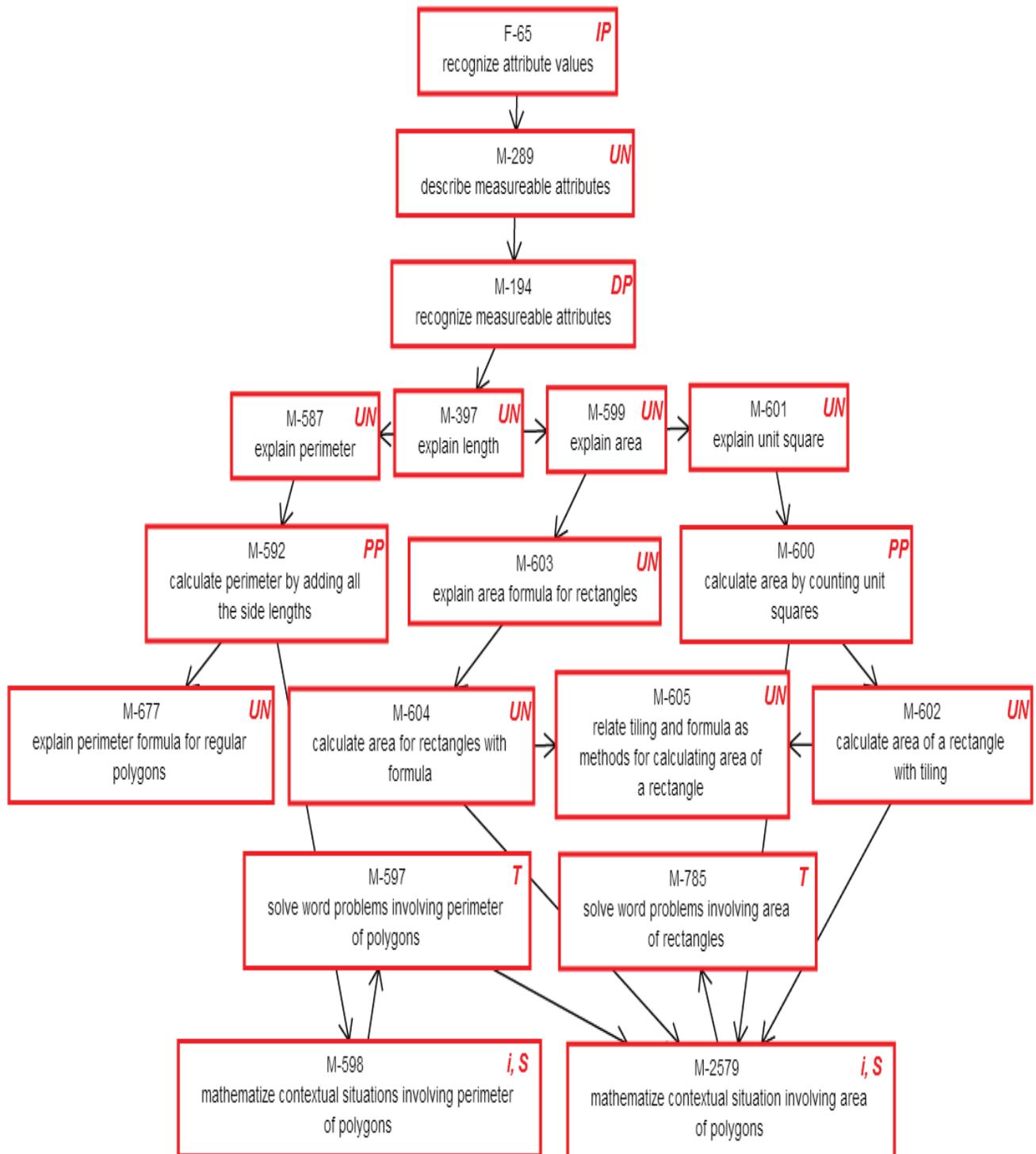
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: HIGH SCHOOL

M.EE.G-GPE.7

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.G-GPE.7 Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula.</p>	<p>M.EE.G-GPE.7 Find perimeters and areas of squares and rectangles to solve real-world problems.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Mathematize contextual situation involving perimeter of polygons • Mathematize contextual situations involving area of polygons <p>Target Nodes:</p> <ul style="list-style-type: none"> • Solve word problems involving perimeter of polygons • Solve word problems involving area of rectangles <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Calculate perimeter by adding all the side lengths • Calculate area by counting unit squares <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize measureable attributes <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize attribute values

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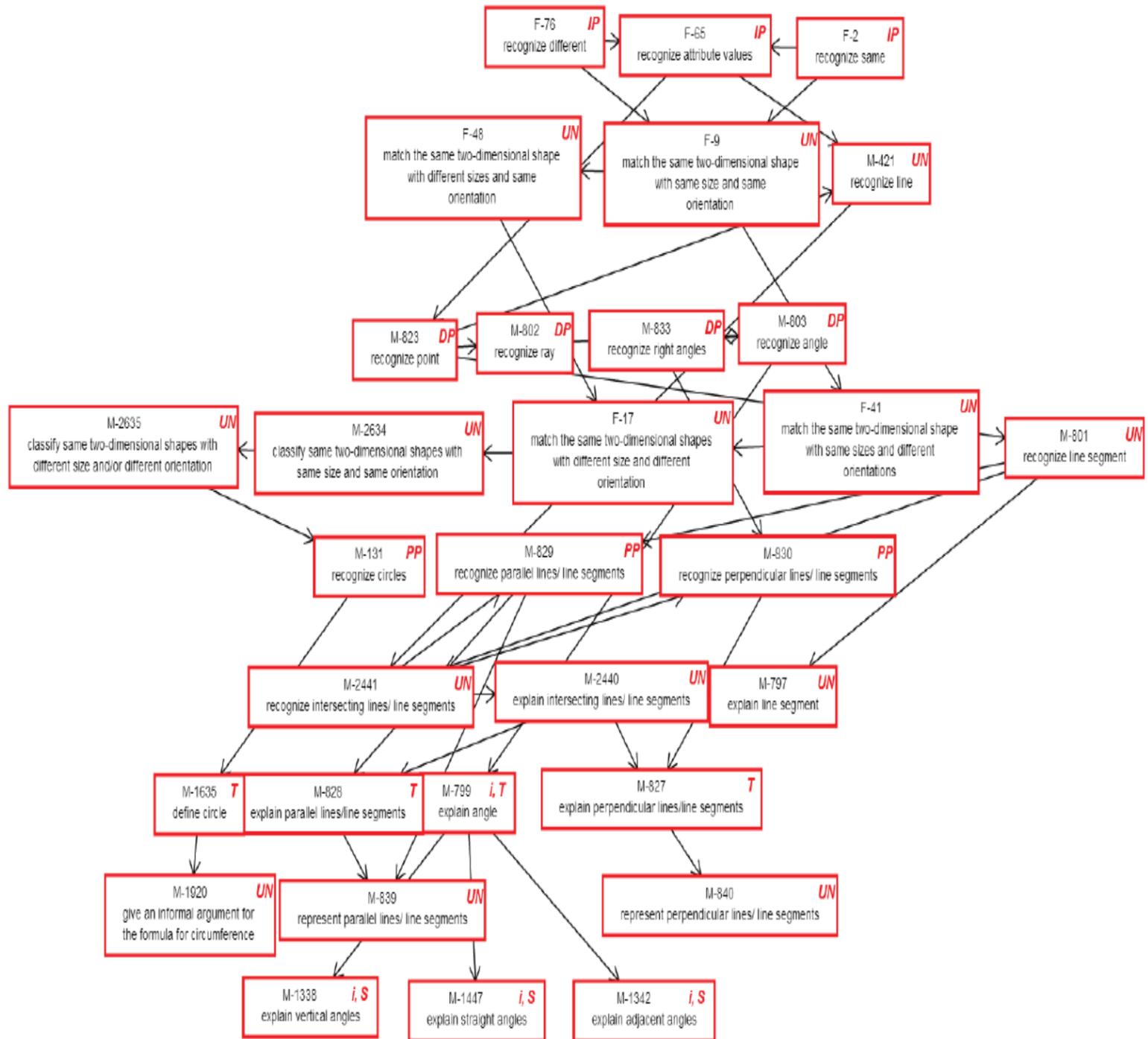
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DLM™ PILOT INFORMATION: ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: HIGH SCHOOL

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
<p>M.G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.</p>	<p>M.EE.G.CO.1 Know the attributes of perpendicular lines, parallel lines, and line segments, angles, and circles.</p>	<p>Successor Node:</p> <ul style="list-style-type: none"> • Explain straight angles • Explain adjacent angles • Explain vertical angles <p>Target Nodes:</p> <ul style="list-style-type: none"> • Define circle • Explain angle • Explain perpendicular lines/line segments • Explain parallel lines/line segments <p>Proximal Precursor:</p> <ul style="list-style-type: none"> • Recognize circles • Recognize parallel lines/line segments • Recognize perpendicular lines/line segments <p>Distal Precursor:</p> <ul style="list-style-type: none"> • Recognize points • Recognize ray • Recognize angle • Recognize right angles <p>Initial Precursor:</p> <ul style="list-style-type: none"> • Recognize same • Recognize different • Recognize attribute values





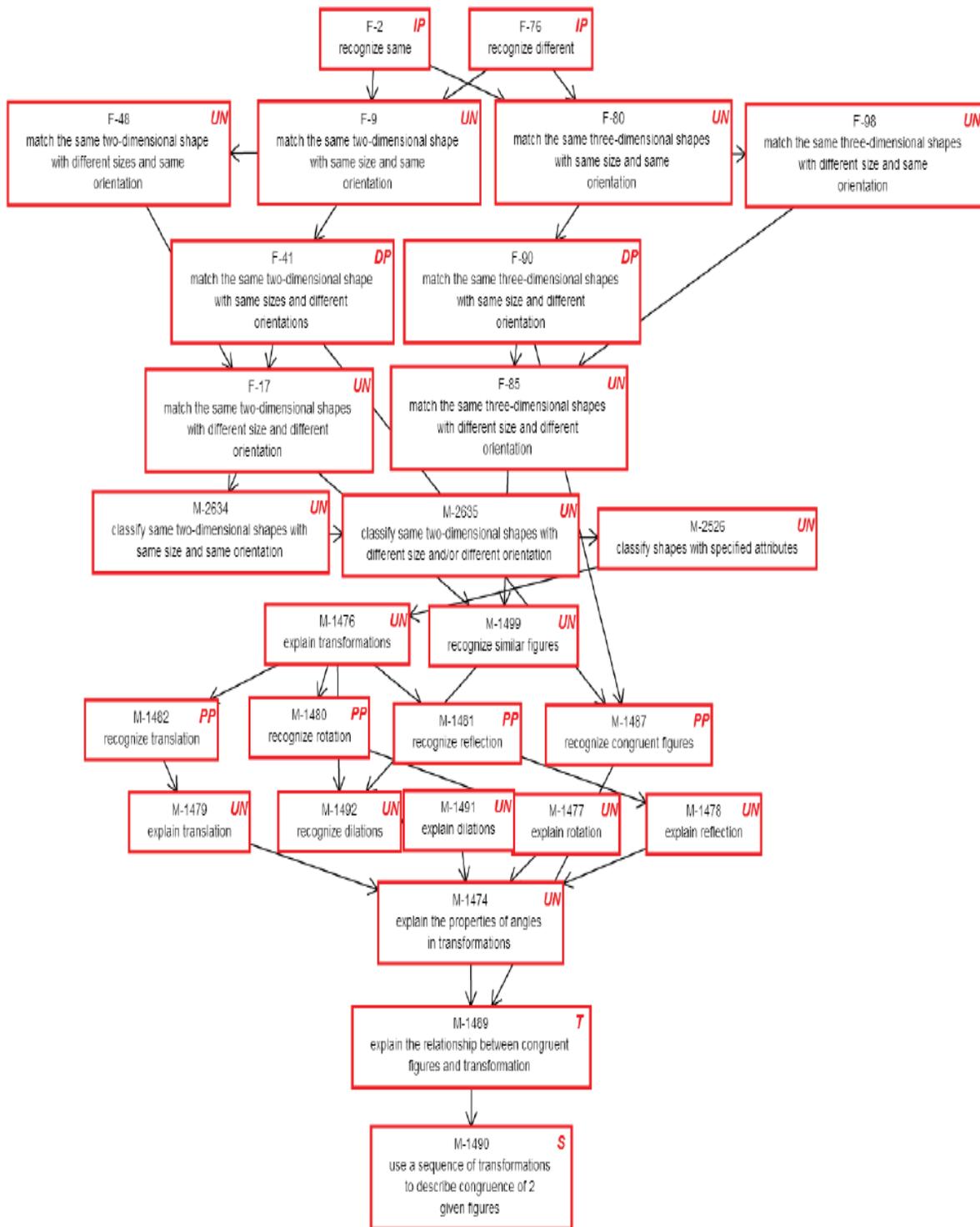
ESSENTIAL ELEMENT, NODES, AND MINI-MAP

MATH: HIGH SCHOOL

M.EE.G-CO.4-5

CCSS Grade-Level Standards	DLM Essential Element	Node Linkage Progression
M.G-CO-4; M.G-CO.5	M.EE.G-CO.4-5 Given a geometric figure and a rotation, reflection, or translation of that figure, identify the components of the two figures that are congruent.	Successor Node: <ul style="list-style-type: none"> • Use a sequence of transformations to describe congruence of 2 given figures Target Nodes: <ul style="list-style-type: none"> • Explain the relationship between congruent figures and transformation Proximal Precursor: <ul style="list-style-type: none"> • Recognize translation • Recognize rotation • Recognize reflection • Recognize congruent figures Distal Precursor: <ul style="list-style-type: none"> • Match the same three-dimensional shapes with same size and different orientation • Match the same two-dimensional shape with same sizes and different orientations Initial Precursor: <ul style="list-style-type: none"> • Recognize same • Recognize different

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