
Prekindergarten | Connecticut Early Learning and Development Standards (2024) Correlation to *Eureka Math*²® (2027)

*Eureka Math*² is a research-proven math curriculum that empowers teachers to center instructional techniques on student success. Teachers can foster more “aha!” learning moments by providing the support needed for all learners to build a more confident math mindset.

This *Eureka Math*² edition builds on a strong foundation of effective instruction. It provides teachers with guidance on delivering rigorous instruction that honors student choice and encourages confident problem-solving.

*Eureka Math*² carefully sequences mathematical content to maximize vertical alignment from kindergarten through high school. This kind of sequencing has proven to be essential in students’ mastery of math.

Teachability

*Eureka Math*² employs streamlined materials that allow teachers to plan more efficiently and focus their energy on delivering high-quality instruction that meets the individual needs of their students. Differentiation suggestions, slide decks, digital interactives, and multiple forms of assessment are just a few of the resources built into the teacher materials.

Accessibility

*Eureka Math*² incorporates Universal Design for Learning (UDL) principles so all learners can access the mathematics and take on challenging math concepts. UDL, Differentiation, and Multilingual Learner supports are built into the instructional design and are clearly identified in the *Teach* book.

The curriculum also carries a focus on readability. By eliminating unnecessary words and using clear sentences, the *Eureka Math*² teacher-writers have created one of the most readable mathematics curricula on the market. The curriculum’s readability and accessibility help all students see themselves as mathematical thinkers and doers who are fully capable of owning their mathematics learning.

Math Confidence

*Eureka Math*² fosters a classroom culture of learning by encouraging student-led discourse and cognitive engagement that results in confident learners. By leveraging consistent models, routines, and progressions, teachers can remove barriers and allow all students an avenue to success. Within the digital platform, each grade includes wordless videos and digital interactives that spark students’ curiosity and help them make conceptual connections. Using the *Learn* books, students wonder, explore, and make sense of mathematics, which helps them develop a strong, positive mathematical identity.

Standards for Mathematical Practice	Aligned Components of <i>Eureka Math</i> ²
<p>MP.1 Make sense of problems and persevere in solving them.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.2 Reason abstractly and quantitatively.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.3 Construct viable arguments and critique the reasoning of others.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.4 Model with mathematics.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.5 Use appropriate tools strategically.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.6 Attend to precision.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.7 Look for and make use of structure.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>
<p>MP.8 Look for and express regularity in repeated reasoning.</p>	<p>Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.</p>

Early learning experiences will support children to understand counting and cardinality.

Number Names

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i> ²
<p>M.60.1</p> <p>Say or sign the number sequence up to at least 20.</p>	<p>PK M1 Lesson 3: Crayon Group</p> <p>PK M1 Lesson 5: Sorting Bags</p> <p>PK M1 Lesson 6: Matching Markers</p> <p>PK M1 Lesson 8: Let’s Count!</p> <p>PK M1 Lesson 10: Written Numbers</p> <p>PK M1 Lesson 15: Let’s Count!</p> <p>PK M1 Lesson 25: More Written Numbers</p> <p>PK M1 Lesson 26: Count on the Rekenrek</p> <p>PK M1 Lesson 27: 5-Groups</p> <p>PK M1 Lesson 30: Let’s Count and Record!</p> <p>PK M2 Lesson 17: Let’s Count and Record!</p> <p>PK M3 Lesson 12: 1 More</p> <p>PK M3 Lesson 13: Number Stairs</p> <p>PK M3 Lesson 14: Number Detective</p> <p>PK M3 Lesson 15: Count on the Rekenrek</p> <p>PK M3 Lesson 16: Counting with Puppet</p> <p>PK M3 Lesson 17: Let’s Count and Record!</p> <p>PK M4 Lesson 17: Let’s Count and Compare!</p> <p>PK M5 Lesson 1: Bears on Stairs</p> <p>PK M5 Lesson 2: 1 Less</p> <p>PK M5 Lesson 3: 1 More, 1 Less</p> <p>PK M5 Lesson 24: Let’s Count and Record!</p> <p>PK M6 Topic A: Project: Create a Business</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

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Cardinality

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i> ²
<p>M.60.2</p> <p>Count up to 10 objects using one-to-one correspondence, regardless of configuration, using the number name of the last object counted to represent the total number of objects in a set.</p>	<p>PK M1 Lesson 7: Animal Count</p> <p>PK M1 Lesson 8: Let’s Count!</p> <p>PK M1 Lesson 9: How Many?</p> <p>PK M1 Lesson 14: Rice Scoops</p> <p>PK M1 Lesson 15: Let’s Count!</p> <p>PK M1 Lesson 18: Forest Path Game</p> <p>PK M1 Lesson 24: Mystery Eggs</p> <p>PK M1 Lesson 28: Counting with Puppet</p> <p>PK M1 Lesson 29: Match Game</p> <p>PK M1 Lesson 30: Let’s Count and Record!</p> <p>PK M1 Lesson 34: Culminating Activity</p> <p>PK M2 Lesson 17: Let’s Count and Record!</p> <p>PK M3 Lesson 7: Do You See 5?</p> <p>PK M3 Lesson 9: Decompose 6 and 7</p> <p>PK M3 Lesson 10: Decompose 8 and 9</p> <p>PK M3 Lesson 11: Decompose 10</p> <p>PK M3 Lesson 17: Let’s Count and Record!</p> <p>PK M4 Lesson 17: Let’s Count and Compare!</p> <p>PK M5 Lesson 24: Let’s Count and Record!</p> <p>PK M6 Topic A: Project: Create a Business</p> <p>PK M6 Topic B: Project: Plan a Celebration</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

Connecticut Early Learning and Development Standards

Aligned Components of *Eureka Math*²

<p>M.60.3 Count out a set of objects up to five.</p>	<p>PK M1 Lesson 16: Number Recipe PK M1 Lesson 17: Bean Bag Toss PK M1 Lesson 18: Forest Path Game PK M1 Lesson 19: Math Stories PK M1 Lesson 31: Match or No Match? PK M1 Lesson 32: Make It Match PK M1 Lesson 33: Dinosaur World PK M3 Lesson 8: Make Your Own Rekenrek! PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration</p>
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Written Numerals

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i>²
<p>M.60.4</p> <p>Recognize written numerals up to at least 10.</p>	<p>PK M1 Lesson 10: Written Numbers</p> <p>PK M1 Lesson 11: Match Game</p> <p>PK M1 Lesson 12: Count the Math Way</p> <p>PK M1 Lesson 13: Rosetta Stone</p> <p>PK M1 Lesson 14: Rice Scoops</p> <p>PK M1 Lesson 16: Number Recipe</p> <p>PK M1 Lesson 17: Bean Bag Toss</p> <p>PK M1 Lesson 21: How Many Ways?</p> <p>PK M1 Lesson 22: Animal Sort</p> <p>PK M1 Lesson 25: More Written Numbers</p> <p>PK M1 Lesson 29: Match Game</p> <p>PK M1 Lesson 31: Match or No Match?</p> <p>PK M1 Lesson 32: Make It Match</p> <p>PK M1 Lesson 34: Culminating Activity</p> <p>PK M6 Topic A: Project: Create a Business</p> <p>PK M6 Topic B: Project: Plan a Celebration</p>

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Recognition of Quantity

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i>²
<p>M.60.5</p> <p>Quickly recognize and name, without counting, the number of objects in collections of up to at least five items.</p>	<p>PK M1 Lesson 7: Animal Count</p> <p>PK M1 Lesson 11: Match Game</p> <p>PK M1 Lesson 29: Match Game</p> <p>PK M3 Lesson 7: Do You See 5?</p>

Early learning experiences will support children to understand counting and cardinality.

Comparison

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i>²
<p>M.60.6</p> <p>Compare sets of up to 10 objects using a visual matching or counting strategy and describing the comparison as more, less than, or the same.</p>	<p>PK M4 Lesson 14: More or Fewer</p> <p>PK M4 Lesson 15: Trains</p> <p>PK M4 Lesson 16: Are There Enough?</p> <p>PK M4 Lesson 17: Let’s Count and Compare!</p> <p>PK M4 Lesson 18: How Many Crayons?</p> <p>PK M4 Lesson 19: Compare Groups</p> <p>PK M4 Lesson 20: Explore Area</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M6 Topic A: Project: Create a Business</p> <p>PK M6 Topic B: Project: Plan a Celebration</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

Early learning experiences will support children to understand and describe relationships to solve problems (operations and algebraic thinking).

Number Operations

Connecticut Early Learning and Development Standards

Aligned Components of *Eureka Math*²

<p>M.60.7</p> <p>Use real-world situations and concrete objects to model and solve addition (e.g., putting together) and subtraction (e.g., taking away) problems up through five.</p>	<p>PK M5 Lesson 3: 1 More, 1 Less</p> <p>PK M5 Lesson 4: 1 More, 1 Less the Math Way</p> <p>PK M5 Lesson 5: Market Math</p> <p>PK M5 Lesson 6: Dinosaur Splash</p> <p>PK M5 Lesson 7: Draw Math Stories: Addition</p> <p>PK M5 Lesson 8: Math Tools</p> <p>PK M5 Lesson 9: Mental Movies: Addition</p> <p>PK M5 Lesson 10: Train Stories: Addition</p> <p>PK M5 Lesson 15: Under the Sea</p> <p>PK M5 Lesson 16: Show and Hide Fingers</p> <p>PK M5 Lesson 17: Draw Math Stories: Subtraction</p> <p>PK M5 Lesson 18: Represent Puffins at the Sea</p> <p>PK M5 Lesson 19: Mental Movies: Subtraction</p> <p>PK M5 Lesson 20: Train Stories: Subtraction</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

Connecticut Early Learning and Development Standards

Aligned Components of *Eureka Math*²

<p>M.60.8</p> <p>Recognize and describe parts contained in larger numbers by composing number combinations up to at least five (e.g., recognize how many have been secretly taken away from a group of five objects).</p>	<p>PK M3 Lesson 3: Decompose 3</p> <p>PK M3 Lesson 4: Decompose 4</p> <p>PK M3 Lesson 5: Decompose 5</p> <p>PK M3 Lesson 6: 5-Piece Puzzles</p> <p>PK M3 Lesson 9: Decompose 6 and 7</p> <p>PK M3 Lesson 10: Decompose 8 and 9</p> <p>PK M3 Lesson 11: Decompose 10</p> <p>PK M5 Lesson 11: Break Apart 5</p> <p>PK M5 Lesson 12: Match Game: Make 4</p> <p>PK M5 Lesson 13: Turtle Time</p> <p>PK M5 Lesson 14: Sorting Apples</p>
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Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Measurement

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i> ²
<p>M.60.9</p> <p>Compare the measurable attributes of two or more objects (e.g., length, weight, and capacity) and describe the comparison using appropriate vocabulary (e.g., <i>longer, shorter, same length, heavier, lighter, same weight, holds more, holds less, holds the same amount</i>).</p>	<p>PK M4 Lesson 1: Big or Small</p> <p>PK M4 Lesson 2: Puppet’s Bed</p> <p>PK M4 Lesson 3: Explore Capacity</p> <p>PK M4 Lesson 4: How Much Juice?</p> <p>PK M4 Lesson 5: Tall or Short</p> <p>PK M4 Lesson 6: Compare Heights</p> <p>PK M4 Lesson 7: Compare Lengths</p> <p>PK M4 Lesson 8: Compare by Using Numbers</p> <p>PK M4 Lesson 9: Straw Line Up</p> <p>PK M4 Lesson 10: Heavy or Light</p> <p>PK M4 Lesson 11: Compare Weights</p> <p>PK M4 Lesson 12: Balance Scale</p> <p>PK M4 Lesson 13: Collect Data and Compare</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M4 Lesson 22: Compare Attributes</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

Connecticut Early Learning and Development Standards

Aligned Components of *Eureka Math*²

<p>M.60.10</p> <p>Begin to use strategies to determine measurable attributes (e.g., length or capacity of objects). May use comparison, standard or non-standard measurement tools.</p>	<p>PK M4 Lesson 1: Big or Small</p> <p>PK M4 Lesson 2: Puppet’s Bed</p> <p>PK M4 Lesson 3: Explore Capacity</p> <p>PK M4 Lesson 4: How Much Juice?</p> <p>PK M4 Lesson 5: Tall or Short</p> <p>PK M4 Lesson 6: Compare Heights</p> <p>PK M4 Lesson 7: Compare Lengths</p> <p>PK M4 Lesson 8: Compare by Using Numbers</p> <p>PK M4 Lesson 9: Straw Line Up</p> <p>PK M4 Lesson 10: Heavy or Light</p> <p>PK M4 Lesson 11: Compare Weights</p> <p>PK M4 Lesson 12: Balance Scale</p> <p>PK M4 Lesson 13: Collect Data and Compare</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M4 Lesson 22: Compare Attributes</p> <p>PK M6 Topic C: Project: Care for Our Space</p> <p><i>Supplemental material is necessary to fully address the use of standard and non-standard measurement tools.</i></p>
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Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Data

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i>²
<p>M.60.11 Represent data using a concrete object or picture graph according to one attribute.</p>	<p>PK M4 Lesson 4: How Much Juice? PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups PK M5 Lesson 14: Sorting Apples PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space</p>

Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Sorting and Classifying

Connecticut Early Learning and Development Standards

Aligned Components of *Eureka Math*²

<p>M.60.12</p> <p>Sort and classify a set of objects on the basis of one attribute independently and describe the sorting rule. Can re-sort and classify the same set of objects based on a different attribute.</p>	<p>PK M1 Lesson 1: Make a Match</p> <p>PK M1 Lesson 2: Same and Different</p> <p>PK M1 Lesson 3: Crayon Group</p> <p>PK M1 Lesson 4: Crayon and Marker Sort</p> <p>PK M1 Lesson 5: Sorting Bags</p> <p>PK M1 Lesson 20: Character Sort</p> <p>PK M1 Lesson 21: How Many Ways?</p> <p>PK M1 Lesson 22: Animal Sort</p> <p>PK M1 Lesson 23: Story Cards</p> <p>PK M1 Lesson 24: Mystery Eggs</p> <p>PK M1 Lesson 34: Culminating Activity</p> <p>PK M2 Lesson 6: Sort the Shapes</p> <p>PK M5 Lesson 13: Turtle Time</p> <p>PK M5 Lesson 14: Sorting Apples</p> <p>PK M6 Topic A: Project: Create a Business</p>

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Spatial Relationships

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i> ²
<p>M.60.13</p> <p>Use relational vocabulary of proximity (e.g., <i>beside</i>, <i>next to</i>, <i>between</i>, <i>above</i>, <i>below</i>, <i>over</i>, and <i>under</i>) to identify and describe the location of an object.</p>	<p>PK M2 Lesson 1: Where Is Rosie?</p> <p>PK M2 Lesson 2: Use the Clues</p> <p>PK M2 Lesson 3: Build a Map</p> <p>PK M2 Lesson 8: Shape Games</p>

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Identification of Shapes

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i> ²
<p>M.60.14</p> <p>Identify and describe a variety of 2-dimensional and 3-dimensional shapes with mathematical names (e.g., ball/sphere, box/rectangular prism, can/cylinder) regardless of orientation and size.</p>	<p>PK M2 Lesson 4: Shapes in Art</p> <p>PK M2 Lesson 5: Circles</p> <p>PK M2 Lesson 6: Sort the Shapes</p> <p>PK M2 Lesson 7: Triangles, Rectangles, and Square Rectangles</p> <p>PK M2 Lesson 8: Shape Games</p> <p>PK M2 Lesson 11: Build Shapes</p> <p>PK M2 Lesson 12: Build My Shape</p> <p>PK M2 Lesson 13: Shape Towers</p> <p>PK M2 Lesson 14: Puppet’s Picture</p> <p>PK M2 Lesson 15: Roll, Slide, or Stack</p> <p>PK M2 Lesson 16: Pyramids!</p>

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Composition of Shapes

Connecticut Early Learning and Development Standards	Aligned Components of <i>Eureka Math</i>²
<p>M.60.15 Complete a shape puzzle or a new figure by putting multiple shapes together with purpose.</p>	<p>PK M2 Lesson 9: Shape Pictures PK M2 Lesson 10: Shape Puzzles PK M2 Lesson 13: Shape Towers PK M2 Lesson 14: Puppet’s Picture PK M2 Lesson 16: Pyramids! PK M3 Lesson 1: How Many Parts? PK M3 Lesson 2: Bunny Puzzles PK M6 Topic B: Project: Plan a Celebration</p>