
Prekindergarten | Massachusetts Curriculum Framework for Mathematics Correlation to *Eureka Math*²®

When the original *Eureka Math*[®] curriculum was released, it quickly became the most widely used K–5 mathematics curriculum in the country. Now, the Great Minds[®] teacher–writers have created *Eureka Math*²®, a groundbreaking new curriculum that helps teachers deliver exponentially better math instruction while still providing students with the same deep understanding of and fluency in math. *Eureka Math*² carefully sequences mathematical content to maximize vertical alignment—a principle tested and proven to be essential in students’ mastery of math—from prekindergarten through high school.

While this innovative new curriculum includes all the trademark *Eureka Math* aha moments that have been delighting students and teachers for years, it also boasts these exciting new features:

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 right into the teacher materials.

Accessibility

*Eureka Math*² incorporates Universal Design for Learning principles so all learners can access the mathematics and take on challenging math concepts. Student supports are built into the instructional design and are clearly identified in the *Teach* book. Further, the curriculum carries a focus on readability. By eliminating unnecessary words and using simple, 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.

Digital Engagement

The digital elements of *Eureka Math*² add to students’ engagement with the math. The curriculum provides teachers with digital slides for select lessons. In addition, each grade level includes wordless videos that spark students’ interest and curiosity. Students at all levels work through mathematical explorations that help lead to their own mathematical discoveries. Videos provide opportunities for students to wonder, explore, and make sense of mathematics, which contributes to the development of 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>

Counting and Cardinality

Know number names and the count sequence.

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
PK.CC.1 Listen to and say the names of numbers in meaningful contexts.	PK M1 Lesson 3: Crayon Group PK M1 Lesson 5: Sorting Bags PK M1 Lesson 6: Matching Markers PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 10: Written Numbers PK M1 Lesson 15: Let's Count! PK M1 Lesson 18: Forest Path Game PK M1 Lesson 25: More Written Numbers PK M1 Lesson 26: Count on the Rekenrek PK M1 Lesson 27: 5-Groups PK M1 Lesson 30: Let's Count and Record! PK M2 Lesson 17: Let's Count and Record! PK M3 Topic C: Analyze the Count Sequence PK M5 Lesson 1: Bears on Stairs PK M5 Lesson 2: 1 Less PK M5 Lesson 3: 1 More, 1 Less PK M5 Lesson 24: Let's Count and Record! PK M6 Project A: Create a Business PK M6 Project B: Plan a Celebration PK M6 Project C: Care for Our Space

**Massachusetts Curriculum
Framework for Mathematics**

Aligned Components of *Eureka Math*²

<p>PK.CC.2</p> <p>Recognize and name written numerals 0–10.</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 Project A: Create a Business</p> <p>PK M6 Project B: Plan a Celebration</p>
--	---

Counting and Cardinality

Count to tell the number of objects.

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

PK.CC.3

Understand the relationships between numerals and quantities up to 10.

PK M1 Lesson 7: Animal Count
PK M1 Lesson 8: Let's Count!
PK M1 Lesson 9: How Many?
PK M1 Topic C: Match Written Numbers with Sets of Up to 5 Objects
PK M1 Lesson 16: Number Recipe
PK M1 Lesson 17: Bean Bag Toss
PK M1 Lesson 21: How Many Ways?
PK M1 Lesson 22: Animal Sort
PK M1 Lesson 24: Mystery Eggs
PK M1 Lesson 25: More Written Numbers
PK M1 Lesson 28: Counting with Puppet
PK M1 Lesson 29: Match Game
PK M1 Lesson 30: Let's Count and Record!
PK M1 Lesson 31: Match or No Match?
PK M1 Lesson 32: Make It Match
PK M1 Lesson 34: Culminating Activity
PK M2 Lesson 17: Let's Count and Record!
PK M3 Lesson 10: Decompose 8 and 9
PK M3 Lesson 11: Decompose 10
PK M3 Lesson 7: Do You See 5?
PK M3 Lesson 9: Decompose 6 and 7
PK M3 Lesson 17: Let's Count and Record!

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

<p>PK.CC.3 <i>continued</i></p>	<p>PK M6 Project A: Create a Business</p> <p>PK M6 Project B: Plan a Celebration</p> <p>PK M6 Project C: Care for Our Space</p>
--	---

Counting and Cardinality
Compare numbers.

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

<p>PK.CC.4</p> <p>Count many kinds of concrete objects and actions up to ten, using one-to-one correspondence, and accurately count as many as seven things in a scattered configuration. Recognize the “one more,” “one less” patterns.</p>	<p>PK M1 Lesson 3: Crayon Group</p> <p>PK M1 Lesson 5: Sorting Bags</p> <p>PK M1 Topic B: Answer <i>How Many</i> Questions</p> <p>PK M1 Topic C: Match Written Numbers with Sets of Up to 5 Objects</p> <p>PK M1 Topic D: Count Out a Set of Up to 5 Objects</p> <p>PK M1 Lesson 21: How Many Ways?</p> <p>PK M1 Lesson 22: Animal Sort</p> <p>PK M1 Lesson 24: Mystery Eggs</p> <p>PK M1 Topic F: Match Written Numbers with Sets of Up to 10 Objects</p> <p>PK M1 Topic G: Count Out a Set of Up to 10 Objects</p> <p>PK M2 Lesson 17: Let’s Count and Record!</p> <p>PK M3 Topic B: Use Structure to Explore Numbers 6–10</p> <p>PK M3 Topic C: Analyze the Count Sequence</p> <p>PK M5 Lesson 1: Bears on Stairs</p> <p>PK M5 Lesson 2: 1 Less</p>
---	--

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

<p>PK.CC.4 <i>continued</i></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 16: Show and Hide Fingers</p> <p>PK M5 Lesson 24: Let’s Count and Record!</p> <p>PK M6 Project A: Create a Business</p> <p>PK M6 Project B: Plan a Celebration</p> <p>PK M6 Project C: Care for Our Space</p>
<p>PK.CC.5</p> <p>Use comparative language, such as <i>more/less than, equal to</i>, to compare and describe collections of objects.</p>	<p>PK M4 Topic D: Compare Sets</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 Project A: Create a Business</p> <p>PK M6 Project B: Plan a Celebration</p> <p>PK M6 Project C: Care for Our Space</p>

Operations and Algebraic Thinking

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
PK.OA.1 Use concrete objects to model real-world addition (putting together) and subtraction (taking away) problems up through five.	PK M1 Lesson 3: Crayon Group PK M1 Lesson 5: Sorting Bags PK M1 Lesson 6: Matching Markers PK M1 Lesson 8: Let's Count! PK M1 Lesson 10: Written Numbers PK M1 Lesson 15: Let's Count! PK M1 Lesson 25: More Written Numbers PK M1 Lesson 26: Count on the Rekenrek PK M1 Lesson 27: 5-Groups PK M1 Lesson 30: Let's Count and Record! PK M2 Lesson 17: Let's Count and Record! PK M3 Lesson 3: Decompose 3 PK M3 Lesson 4: Decompose 4 PK M3 Lesson 5: Decompose 5 PK M3 Lesson 6: 5-Piece Puzzles PK M3 Topic C: Analyze the Count Sequence PK M5 Topic A: Use the Count Sequence to Add and Subtract 1 PK M5 Topic B: Represent Addition Stories PK M5 Topic C: Compose and Decompose Numbers in More than One Way PK M5 Topic D: Represent Subtraction Stories PK M5 Lesson 24: Let's Count and Record! PK M6 Project A: Create a Business PK M6 Project C: Care for Our Space

Measurement and Data

Describe and compare measurable attributes.

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
<p>PK.MD.1</p> <p>Recognize the attributes of length, area, weight, and capacity of everyday objects using appropriate vocabulary (e.g., <i>long, short, tall, heavy, light, big, small, wide, narrow</i>).</p>	<p>PK M4 Topic A: Describe Size</p> <p>PK M4 Topic B: Compare Heights and Lengths</p> <p>PK M4 Topic C: Compare Weights</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M4 Lesson 22: Compare Attributes</p> <p>PK M6 Project C: Care for Our Space</p>
<p>PK.MD.2</p> <p>Compare the attributes of length and weight for two objects, including longer/shorter, same length; heavier/lighter, same weight; holds more/less, holds the same amount.</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 Topic B: Compare Heights and Lengths</p> <p>PK M4 Topic C: Compare Weights</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M4 Lesson 22: Compare Attributes</p> <p>PK M6 Project C: Care for Our Space</p>

Measurement and Data

Classify objects and count the number of objects in each category.

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
<p>PK.MD.3</p> <p>Sort, categorize, and classify objects by more than one attribute.</p>	<p>PK M1 Topic A: Use Attributes to Match and Sort</p> <p>PK M1 Topic E: Sort to Decompose</p> <p>PK M1 Lesson 34: Culminating Activity</p> <p>PK M2 Lesson 6: Sort the Shapes</p> <p>PK M6 Project A: Create a Business</p>

Measurement and Data

Work with money.

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
<p>PK.MD.4</p> <p>Recognize that certain objects are coins and that dollars and coins represent money.</p>	<p>PK M6 Project A: Create a Business</p> <p><i>Supplemental material is necessary to fully address this standard.</i></p>

Geometry

Identify and describe shapes (squares, circles, triangles, rectangles).

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
<p>PK.G.1</p> <p>Identify relative positions of objects in space, and use appropriate language (e.g., <i>beside</i>, <i>inside</i>, <i>next to</i>, <i>close to</i>, <i>above</i>, <i>below</i>, <i>apart</i>).</p>	<p>PK M2 Topic A: Spatial Relations</p> <p>PK M2 Lesson 8: Shape Games</p> <p>PK M5 Lesson 21: Create Patterns</p> <p>PK M6 Project B: Plan a Celebration</p>
<p>PK.G.2</p> <p>Identify various two-dimensional shapes using appropriate language.</p>	<p>PK M2 Topic B: Analyze and Name Two-Dimensional Shapes</p> <p>PK M2 Lesson 11: Build Shapes</p> <p>PK M2 Lesson 12: Build My Shape</p> <p>PK M2 Lesson 14: Puppet’s Picture</p>

Geometry

Analyze, compare, create, and compose shapes.

Massachusetts Curriculum Framework for Mathematics

Aligned Components of *Eureka Math*²

Massachusetts Curriculum Framework for Mathematics	Aligned Components of <i>Eureka Math</i> ²
PK.G.3 Create and represent three-dimensional shapes (ball/sphere, square box/cube, tube/cylinder) using various manipulative materials.	PK M2 Lesson 4: Shapes in Art PK M2 Lesson 5: Circles PK M2 Lesson 6: Sort the Shapes PK M2 Lesson 7: Triangles, Rectangles, and Square Rectangles PK M2 Topic C: Build and Compose Two-Dimensional Shapes PK M2 Lesson 13: Shape Towers PK M2 Lesson 14: Puppet’s Picture PK M2 Lesson 15: Roll, Slide, or Stack PK M2 Lesson 16: Pyramids! PK M3 Lesson 1: How Many Parts? PK M3 Lesson 2: Bunny Puzzles PK M6 Project B: Plan a Celebration