

---

## Prekindergarten | New Mexico Early Learning Guidelines Correlation to *Eureka Math*<sup>2</sup>®

When the original *Eureka Math*<sup>®</sup> curriculum was released, it quickly became the most widely used K–5 mathematics curriculum in the country. Now, the Great Minds<sup>®</sup> teacher–writers have created *Eureka Math*<sup>2</sup>®, 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*<sup>2</sup> 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*<sup>2</sup> 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*<sup>2</sup> 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*<sup>2</sup> 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*<sup>2</sup> 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> <sup>2</sup>
<p><b>MP.1</b> 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><b>MP.2</b> 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><b>MP.3</b> 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><b>MP.4</b> 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><b>MP.5</b> 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><b>MP.6</b> 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><b>MP.7</b> 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><b>MP.8</b> 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>

## Mathematics

**9 The child understands numbers, ways of representing numbers, and relationships between quantities and numerals.**

New Mexico Early Learning Guidelines	Aligned Components of <i>Eureka Math</i> <sup>2</sup>
<p><b>9.1</b></p> <p>Uses numbers and counting as means for solving problems and determining quantity.</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 Lesson 10: Written Numbers</p> <p>PK M1 Lesson 11: Match Game</p> <p>PK M1 Lesson 14: Rice Scoops</p> <p>PK M1 Lesson 15: Let’s Count!</p> <p>PK M1 Topic D: Count Out a Set of Up to 5 Objects</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 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 Topic B: Use Structure to Explore Numbers 6–10</p> <p>PK M3 Topic C: Analyze the Count Sequence</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>

**New Mexico  
Early Learning Guidelines**

**Aligned Components of *Eureka Math*<sup>2</sup>**

<p><b>9.1</b> <i>continued</i></p>	<p>PK M4 Lesson 21: How Many Scoops?                  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 Lesson 24: Let’s Count and Record!                  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>
<p><b>9.3</b>                  Progresses in understanding of number words and numeral recognition skills.</p>	<p><i>This standard is fully addressed by the lessons and activities aligned to its subsections.</i></p>
<p><b>9.3a</b>                  Rote counts in sequence.</p>	<p><i>This standard is fully addressed by the Fluency Anytime activities suggested for each module.</i></p>
<p><b>9.3b</b>                  Names and identifies written numerals.</p>	<p>PK M1 Lesson 10: Written Numbers                  PK M1 Lesson 11: Match Game                  PK M1 Lesson 12: Count the Math Way                  PK M1 Lesson 13: Rosetta Stone                  PK M1 Lesson 14: Rice Scoops                  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</p>

**New Mexico  
Early Learning Guidelines**

**Aligned Components of *Eureka Math*<sup>2</sup>**

<p><b>9.3b <i>continued</i></b></p>	<p>PK M1 Lesson 25: More Written Numbers                      PK M1 Lesson 29: Match Game                      PK M1 Lesson 31: Match or No Match?                      PK M1 Lesson 32: Make It Match                      PK M1 Lesson 34: Culminating Activity                      PK M6 Topic A: Project: Create a Business                      PK M6 Topic B: Project: Plan a Celebration</p>
-------------------------------------	--

**Mathematics**

**10 The child demonstrates understanding of geometrical and spatial concepts.**

**New Mexico  
Early Learning Guidelines**

**Aligned Components of *Eureka Math*<sup>2</sup>**

<p><b>10.1</b>                      Recognizes, names, describes, compares, and creates familiar shapes.</p>	<p>PK M2 Topic A: Spatial Relations                      PK M2 Topic B: Analyze and Name Two-Dimensional Shapes                      PK M2 Topic C: Build and Compose Two-Dimensional Shapes                      PK M3 Lesson 1: How Many Parts?                      PK M3 Lesson 2: Bunny Puzzles                      PK M6 Topic B: Project: Plan a Celebration</p>
--	--

## Mathematics

**11 The child demonstrates an understanding of non-standard units to measure and make comparisons.**

New Mexico Early Learning Guidelines	Aligned Components of <i>Eureka Math</i> <sup>2</sup>
<p><b>11.3</b></p> <p>Demonstrates emerging knowledge of measurement.</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 Topic C: Project: Care for Our Space</p>

## Mathematics

**12 The child demonstrates the ability to investigate, organize, and create representations.**

New Mexico Early Learning Guidelines	Aligned Components of <i>Eureka Math</i> <sup>2</sup>
<p><b>12.1</b></p> <p>Sorts, classifies, and groups materials by one or more attributes.</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 Topic A: Project: Create a Business</p>