
Prekindergarten | Missouri Mathematics Learning Standards (2021) 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>

Number and Operations

I.A Develop Number Sense

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>I.A.1</p> <p>Show interest and understanding in counting.</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 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>

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>I.A.2 Explore quantity.</p>	<p>PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let’s Count! PK M1 Lesson 9: How Many? PK M1 Lesson 11: Match Game PK M1 Lesson 14: Rice Scoops PK M1 Lesson 15: Let’s Count! 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 24: Mystery Eggs 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 33: Dinosaur World PK M1 Lesson 34: Culminating Activity PK M2 Lesson 17: Let’s Count and Record! PK M3 Lesson 7: Do You See 5? PK M3 Lesson 8: Make Your Own Rekenrek! PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9</p>
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**Missouri Mathematics
Learning Standards**

Aligned Components of *Eureka Math*²

I.A.2 <i>continued</i>	PK M3 Lesson 11: Decompose 10 PK M3 Lesson 13: Number Stairs PK M3 Lesson 17: Let’s Count and Record! PK M4 Lesson 14: More or Fewer PK M4 Lesson 15: Trains PK M4 Lesson 16: Are There Enough? PK M4 Lesson 17: Let’s Count and Compare! PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups PK M4 Lesson 20: Explore Area PK M4 Lesson 21: How Many Scoops? PK M5 Lesson 4: 1 More, 1 Less the Math Way PK M5 Lesson 16: Show and Hide Fingers 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
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Number and Operations

I.B Develop Numerical Representation

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i> ²
<p>I.B.1 Identify numerals in everyday situations.</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 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 M5 Lesson 21: Create Patterns PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration</p>
<p>I.B.2 Use drawings to represent number.</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</p>

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Aligned Components of *Eureka Math*²

<p>I.B.2 <i>continued</i></p>	<p>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 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>
<p>I.B.3 Write some 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 PK M1 Lesson 25: More Written Numbers PK M1 Lesson 29: Match Game</p>

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i>²
I.B.3 <i>continued</i>	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

Geometry and Spatial Sense
II.A Investigate Positions and Locations

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i>²
II.A.1 Take objects apart and put them together.	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
II.A.2 Use actions and words to indicate position and location.	PK M2 Lesson 1: Where Is Rosie? PK M2 Lesson 2: Use the Clues PK M2 Lesson 3: Build a Map PK M2 Lesson 8: Shape Games

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>II.A.3 Use actions and words to indicate movement and orientation.</p>	<p>PK M2 Lesson 1: Where Is Rosie? PK M2 Lesson 2: Use the Clues PK M2 Lesson 3: Build a Map PK M2 Lesson 8: Shape Games</p>
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Geometry and Spatial Sense

II.B Explore Shapes

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>II.B.1 Investigate and talk about the characteristics of shapes.</p>	<p>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 Lesson 8: Shape Games 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!</p>
<p>II.B.2 Identify and name some shapes.</p>	<p>PK M2 Lesson 5: Circles PK M2 Lesson 7: Triangles, Rectangles, and Square Rectangles PK M2 Lesson 8: Shape Games PK M2 Lesson 14: Puppet’s Picture PK M6 Topic B: Project: Plan a Celebration</p>

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i> ²
<p>II.B.3</p> <p>Create and duplicate three-dimensional and two-dimensional shapes.</p>	<p>PK M2 Lesson 11: Build Shapes</p> <p>PK M2 Lesson 12: Build My Shape</p> <p><i>Supplemental material is necessary to address creating and duplicating three-dimensional shapes.</i></p>

Patterns and Relationships (Algebra)

III.A Develop an Awareness of Patterns

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i> ²
<p>III.A.1</p> <p>Recognize patterns and relationships.</p>	<p>PK M3 Lesson 18: Pattern Units</p> <p>PK M3 Lesson 19: Number Cha-Cha</p> <p>PK M3 Lesson 20: Find the Missing Piece</p> <p>PK M3 Lesson 21: A Story in Strings</p> <p>PK M3 Lesson 22: Red Light, Green Light!</p> <p>PK M5 Lesson 21: Create Patterns</p> <p>PK M5 Lesson 22: Music and Movement</p> <p>PK M5 Lesson 23: Patterns Everywhere</p> <p>PK M6 Topic B: Project: Plan a Celebration</p>

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>III.A.2 Duplicate and extend patterns.</p>	<p>PK M3 Lesson 18: Pattern Units PK M3 Lesson 19: Number Cha-Cha PK M3 Lesson 20: Find the Missing Piece PK M3 Lesson 21: A Story in Strings PK M3 Lesson 22: Red Light, Green Light! PK M5 Lesson 21: Create Patterns PK M5 Lesson 22: Music and Movement PK M5 Lesson 23: Patterns Everywhere PK M6 Topic B: Project: Plan a Celebration</p>
<p>III.A.3 Create patterns.</p>	<p>PK M3 Lesson 21: A Story in Strings PK M5 Lesson 21: Create Patterns PK M5 Lesson 22: Music and Movement PK M5 Lesson 23: Patterns Everywhere PK M6 Topic B: Project: Plan a Celebration</p>

Measurement

IV.A Use Measurement

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i> ²
<p>IV.A.1 Explore ways to measure.</p>	<p>PK M4 Lesson 1: Big or Small PK M4 Lesson 2: Puppet’s Bed PK M4 Lesson 3: Explore Capacity PK M4 Lesson 4: How Much Juice? PK M4 Lesson 5: Tall or Short PK M4 Lesson 6: Compare Heights PK M4 Lesson 7: Compare Lengths PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 10: Heavy or Light PK M4 Lesson 11: Compare Weights PK M4 Lesson 12: Balance Scale PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 20: Explore Area PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space</p>

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>IV.A.2 Measure using objects.</p>	<p>PK M4 Lesson 3: Explore Capacity PK M4 Lesson 12: Balance Scale PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space</p>
<p>IV.A.3 Compare objects using measurable features.</p>	<p>PK M4 Lesson 5: Tall or Short PK M4 Lesson 6: Compare Heights PK M4 Lesson 7: Compare Lengths PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 10: Heavy or Light PK M4 Lesson 11: Compare Weights PK M4 Lesson 12: Balance Scale PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space</p>

Missouri Mathematics Learning Standards

Aligned Components of *Eureka Math*²

<p>IV.A.4 Use language to describe measurement.</p>	<p>PK M4 Lesson 1: Big or Small PK M4 Lesson 2: Puppet’s Bed PK M4 Lesson 3: Explore Capacity PK M4 Lesson 4: How Much Juice? PK M4 Lesson 5: Tall or Short PK M4 Lesson 6: Compare Heights PK M4 Lesson 7: Compare Lengths PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 10: Heavy or Light PK M4 Lesson 11: Compare Weights PK M4 Lesson 12: Balance Scale PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space</p>
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Data

V.A Explore Data

Missouri Mathematics Learning Standards	Aligned Components of <i>Eureka Math</i> ²
<p>V.A.1 Collect and organize information.</p>	<p>PK M4 L13: Collect Data and Compare PK M4 L19: Compare Groups PK M5 L14: 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>
<p>V.A.2 Display information (charts and graphs).</p>	<p>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><i>Supplemental material is necessary to fully address this standard.</i></p>