
Prekindergarten | Michigan Early Childhood Standards of Quality (2013) 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 in Mathematics

1 Math Practices: Children begin to develop processes and strategies for solving mathematical problems.

Michigan Early Childhood Standards of Quality	Aligned Components of <i>Eureka Math</i> ²
<p>1.1</p> <p>Try to solve problems in their daily lives using mathematics (e.g., how many napkins are needed).</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>
<p>1.2</p> <p>Generate new problems from every day mathematical situations and use current knowledge and experience to solve them (e.g., distribute crackers).</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>
<p>1.3</p> <p>Begin to develop and use various approaches to problem solving based upon their trial and error experiences.</p>	<p>PK M1 Lesson 8: Let’s Count!</p> <p>PK M1 Lesson 15: Let’s Count!</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 17: Let’s Count and Record!</p> <p>PK M4 Lesson 17: Let’s Count and Compare!</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 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 M5 Lesson 24: Let’s Count and Record!</p> <p>PK M6 Topic C: Project: Care for Our Space</p>

Michigan Early Childhood Standards of Quality	Aligned Components of <i>Eureka Math</i> ²
<p>1.4</p> <p>Begin to talk about the processes and procedures they used to solve concrete and simple mathematical situations.</p>	<p><i>This standard is fully addressed as students talk about the processes and procedures they use to solve problems throughout each module.</i></p>
<p>1.5</p> <p>Begin to generate problems that involve predicting, collecting, and analyzing information and using simple estimation.</p>	<p>PK M4 Lesson 4: How Much Juice?</p> <p>PK M4 Lesson 13: Collect Data and Compare</p> <p>PK M4 Lesson 18: How Many Crayons?</p> <p>PK M4 Lesson 19: Compare Groups</p> <p>PK M5 Lesson 14: Sorting Apples</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> <p><i>Supplemental material is necessary to address using simple estimation.</i></p>

Early Learning in Mathematics

2 Mathematical Literacy: Children begin to use the language of mathematics by applying emerging skills in representing, discussing, reading, writing, and listening (e.g., by translating a problem or activity into a new form; a picture, diagram, model, symbol, or words).

Michigan Early Childhood Standards of Quality	Aligned Components of <i>Eureka Math</i> ²
<p>2.1</p> <p>Participate regularly in informal conversations about mathematical concepts and number relationships.</p>	<p><i>This standard is fully addressed as students participate in conversations about mathematical concepts and number relationships throughout each module.</i></p>

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<p>2.2</p> <p>Begin to record their work with numbers in a variety of simple concrete and pictorial formats, moving toward some use of number and other mathematical symbols.</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>
<p>2.3</p> <p>Begin to use symbols to represent real objects and quantities.</p>	<p>PK M1 Lesson 22: Animal Sort</p> <p>PK M1 Lesson 24: Mystery Eggs</p> <p>PK M1 Lesson 30: Let's Count and Record!</p> <p>PK M1 Lesson 32: Make it Match</p> <p>PK M3 Lesson 17: Let's Count and Record!</p> <p>PK M3 Lesson 22: Red Light, Green Light!</p> <p>PK M4 Lesson 8: Compare by Using Numbers</p> <p>PK M4 Lesson 17: Let's Count and Compare!</p>

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<p>2.3 <i>continued</i></p>	<p>PK M5 Lesson 7: Draw Math Stories: Addition PK M5 Lesson 14: Sorting Apples PK M5 Lesson 17: Draw Math Stories: Subtraction PK M5 Lesson 18: Represent Puffins at the Sea PK M5 Lesson 21: Create Patterns PK M5 Lesson 22: Music and Movement PK M5 Lesson 23: Patterns Everywhere PK M5 Lesson 24: Let’s Count and Record!</p>
<p>2.4 Make progress from matching and recognizing number symbols to reading and writing 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 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>

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<p>2.5</p> <p>Talk about their own mathematical explorations and discoveries using simple mathematical language and quantity-related words.</p>	<p><i>This standard is fully addressed as students talk about mathematical explorations and discoveries throughout each module.</i></p>
<p>2.6</p> <p>Begin to recognize that information comes in many forms and can be organized and displayed in different ways.</p>	<p>PK M4 Lesson 4: How Much Juice?</p> <p>PK M4 Lesson 18: How Many Crayons?</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>
<p>2.7</p> <p>Begin to describe comparative relationships (e.g., more/less/same number of objects or quantities).</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 in Mathematics

3 Classification and Patterns: Children begin to develop skills of recognizing, comparing and classifying objects, relationships, events and patterns in their environment and in everyday life.

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<p>3.1</p> <p>Recognize, describe, copy, extend, and create simple patterns with real objects and through pictures.</p>	<p>PK M3 Lesson 18: Pattern Units</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>
<p>3.2</p> <p>Identify patterns in their environment.</p>	<p>PK M3 Lesson 19: Number Cha-Cha</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>
<p>3.3</p> <p>Investigate patterns and describe 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>

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<p>3.3 <i>continued</i></p>	<p>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>3.4 Recognize patterns in various formats (e.g., things that can be seen, heard, felt).</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>

Early Learning in Mathematics

4 Counting and Cardinality: Children extend their understanding of numbers and their relationship to one another and things in the environment.

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4.1 Develop an increasing interest and awareness of numbers and counting as a means for determining quantity and solving problems.	PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 9: How Many? PK M1 Lesson 14: Rice Scoops PK M1 Lesson 15: Let's Count! 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 34: Culminating Activity PK M2 Lesson 17: Let's Count and Record! PK M3 Lesson 7: Do You See 5? PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M3 Lesson 17: Let's Count and Record! PK M4 Lesson 17: Let's Count and Compare! 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

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<p>4.2</p> <p>Match, build, compare, and label amounts of objects and events (e.g., birthdays in the week) in their daily lives.</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>
<p>4.3</p> <p>Make progress in moving beyond rote counting to an understanding of conceptual counting (e.g., one-to-one correspondence).</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 7: Animal Count</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 18: Forest Path Game</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>

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<p>4.3 continued</p>	<p>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 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>4.4 Recognize and match number symbols for small amounts with the appropriate amounts (e.g., subitizing).</p>	<p>PK M1 Lesson 7: Animal Count PK M1 Lesson 11: Match Game PK M1 Lesson 29: Match Game PK M3 Lesson 7: Do You See 5?</p>
<p>4.5 Show progress in linking number concepts, vocabulary, quantities and written numerals in meaningful ways.</p>	<p>PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let’s Count! PK M1 Lesson 9: How Many? PK M1 Lesson 15: Let’s Count! 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 34: Culminating Activity PK M2 Lesson 17: Let’s Count and Record! PK M3 Lesson 7: Do You See 5?</p>

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<p>4.5 <i>continued</i></p>	<p>PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M3 Lesson 17: Let’s Count and Record! PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration</p>
<p>4.6 Show growth in understanding that number words and numerals represent quantities.</p>	<p>PK M1 Lesson 8: Let’s Count! 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 15: Let’s Count 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 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</p>

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<p>4.6 <i>continued</i></p>	<p>PK M2 Lesson 17: Let’s Count and Record! PK M3 Lesson 17: 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>4.7</p> <p>Use cardinal (e.g., one, two) and ordinal (e.g., first, second) numbers in daily home and classroom life.</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>This standard is addressed by Math Anytime activities suggested for module 5.</i></p>
<p>4.8</p> <p>Understand how numbers can be used to label various aspects of their lives (e.g., house number, phone number, ages of classmates).</p>	<p>PK M1 Lesson 10: Written Numbers</p> <p><i>This standard is addressed by Math Anytime activities suggested for module 1.</i></p>
<p>4.9</p> <p>Develop an increasing ability to count in sequence up to ten and beyond, typically referred to as “counting on.”</p>	<p>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</p>

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<p>4.9 <i>continued</i></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>
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Early Learning in Mathematics

5 Simple Operations and Beginning Algebraic Thinking: Children begin to develop skills of sorting and organizing information, seeing patterns, and using information to make predictions and solve new problems.

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Michigan Early Childhood Standards of Quality	Aligned Components of <i>Eureka Math</i> ²
5.1 Begin to develop the ability to solve problems involving joining, separating, combining, and comparing amounts when using small quantities of concrete materials.	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 M5 Lesson 5: Market Math PK M5 Lesson 6: Dinosaur Splash PK M5 Lesson 7: Draw Math Stories: Addition PK M5 Lesson 8: Math Tools PK M5 Lesson 9: Mental Movies: Addition PK M5 Lesson 10: Train Stories: Addition PK M5 Lesson 11: Break Apart 5 PK M5 Lesson 12: Match Game: Make 4 PK M5 Lesson 13: Turtle Time PK M5 Lesson 14: Sorting Apples PK M5 Lesson 15: Under the Sea PK M5 Lesson 16: Show and Hide Fingers PK M5 Lesson 17: Draw Math Stories: Subtraction PK M5 Lesson 18: Represent Puffins at the Sea PK M5 Lesson 19: Mental Movies: Subtraction PK M5 Lesson 20: Train Stories: Subtraction PK M6 Topic C: Project: Care for Our Space

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<p>5.2</p> <p>Can generate problems that involve predicting, collecting, and analyzing information.</p>	<p>PK M4 Lesson 4: How Much Juice?</p> <p>PK M4 Lesson 13: Collect Data and Compare</p> <p>PK M4 Lesson 18: How Many Crayons?</p> <p>PK M4 Lesson 19: Compare Groups</p> <p>PK M5 Lesson 14: Sorting Apples</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>
<p>5.3</p> <p>Use simple estimation to make better guesses.</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>

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<p>5.4 Identify likenesses and differences.</p>	<p>PK M1 Lesson 1: Make a Match PK M1 Lesson 2: Same and Different PK M1 Lesson 3: Crayon Group PK M1 Lesson 4: Crayon and Marker Sort PK M1 Lesson 5: Sorting Bags PK M1 Lesson 20: Character Sort PK M1 Lesson 21: How Many Ways? PK M1 Lesson 22: Animal Sort PK M1 Lesson 23: Story Cards PK M1 Lesson 24: Mystery Eggs PK M1 Lesson 34: Culminating Activity PK M2 Lesson 6: Sort the Shapes PK M6 Topic A: Project: Create a Business</p>
<p>5.5 Can place objects or events in order, according to a given criterion (e.g., color, shape, size, time).</p>	<p>PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 15: Trains <i>Supplemental material is necessary to fully address this standard.</i></p>

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<p>5.6</p> <p>Recognize that the same group can be sorted and classified in more than one way and describe why they would group or sequence in a particular way.</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 M6 Topic A: Project: Create a Business</p>
<p>5.7</p> <p>Begin to understand that simple concrete and representational graphs are ways of collecting, organizing, recording, and describing information.</p>	<p>PK M4 Lesson 19: Compare Groups</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 in Mathematics

6 Measuring: Children explore and discover simple ways to measure.

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<p>6.1</p> <p>Show awareness that things in their environment can be measured.</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>6.2</p> <p>Begin to understand concepts of weight.</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 22: Compare Attributes</p>

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<p>6.3</p> <p>Show an awareness of the concept of time, beginning with the recognition of time as a sequence of events and how time plays a role in their daily life (e.g., breakfast, snack, lunch, dinner).</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>
<p>6.4</p> <p>Show an awareness of temperature as it affects their daily lives.</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>
<p>6.5</p> <p>Use beginning skills of estimation in solving everyday measurement problems (e.g., about how many cookies are needed for a small group of children).</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>
<p>6.6</p> <p>Begin to use non-standard measures (e.g., length of hand) for length and area of objects.</p>	<p>PK M4 Lesson 20: Explore Area PK M4 Lesson 21: How Many Scoops? PK M6 Topic C: Project: Care for Our Space</p>
<p>6.7</p> <p>Begin to understand that tools (e.g., rulers, scales, counters) can be used to measure properties of objects and amounts.</p>	<p>PK M4 Lesson 12: Balance Scale PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes</p> <p><i>Supplemental material is necessary to fully address this standard.</i></p>

Early Learning in Mathematics

7 Geometry: Children build their visual thinking skills through explorations with shape and the spaces in their classrooms and neighborhoods.

Michigan Early Childhood Standards of Quality

Aligned Components of *Eureka Math*²

<p>7.1</p> <p>Can make models, draw, name, and/or classify common shapes and verbally describe them in simple terms.</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>
<p>7.2</p> <p>Investigate and begin to predict the results of combining, subdividing, and changing shapes.</p>	<p>PK M2 Lesson 9: Shape Pictures</p> <p>PK M2 Lesson 10: Shape Puzzles</p> <p>PK M2 Lesson 13: Shape Towers</p> <p>PK M2 Lesson 14: Puppet’s Picture</p> <p>PK M2 Lesson 16: Pyramids!</p> <p>PK M3 Lesson 1: How Many Parts?</p> <p>PK M3 Lesson 2: Bunny Puzzles</p> <p>PK M6 Topic B: Project: Plan a Celebration</p>

Michigan Early Childhood Standards of Quality	Aligned Components of <i>Eureka Math</i> ²
<p>7.3</p> <p>Begin to recognize and appreciate geometric shapes in their environment.</p>	<p>PK M2 Lesson 4: Shapes in Art</p> <p>PK M2 Lesson 9: Shape Pictures</p> <p>PK M2 Lesson 13: Shape Towers</p> <p>PK M2 Lesson 15: Roll, Slide, or Stack</p> <p>PK M2 Lesson 16: Pyramids!</p>
<p>7.4</p> <p>Begin to build an understanding of directionality, order, and positions of objects through the use of words (e.g., up, down, over, under, top, bottom, inside, outside, in front of, behind).</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>
<p>7.5</p> <p>Identify patterns in their environment.</p>	<p>PK M3 Lesson 19: Number Cha-Cha</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>

Michigan Early Childhood Standards of Quality

Aligned Components of *Eureka Math*²

<p>7.6</p> <p>Recognize, describe, copy, extend and create simple patterns with real objects and through pictures.</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>
<p>7.7</p> <p>Investigate patterns and describe 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>

**Michigan Early Childhood
Standards of Quality**

Aligned Components of *Eureka Math*²

<p>7.8 Recognize patterns in various formats (e.g., things that can be seen, heard, felt).</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>
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