
Prekindergarten | Arizona Mathematics Standards (2016) 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> |

Counting and Cardinality

1.1 Counts Out Loud: The child counts out loud and uses number words in daily conversations.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
|---|---|
| <p>1.1.a</p> <p>Shows interest in and awareness of counting.</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 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> |
| <p>1.1.b</p> <p>Rote counts zero to ten and beyond with increasing accuracy.</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> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
|--------------------------------------|---|
| <p>1.1.b <i>continued</i></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> |

Counting and Cardinality

1.2 Knows Number Names and Symbols: The child identifies numerals and uses number words in daily activities.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.2.a</p> <p>Uses numerals and number symbols in the context of daily routines, activities, and play.</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> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.2.a <i>continued</i></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>1.2.b</p> <p>Uses and creates symbols to represent numbers.</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> |

Arizona Early Learning Standards

Aligned Components of *Eureka Math*²

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|--|---|
| <p>1.2.c Uses a variety of materials (i.e., clay, sand, shaving cream) to write and form numerals and numeral-like symbols.</p> | <p><i>Supplemental material is necessary to address this standard.</i></p> |
| <p>1.2.d Identifies numerals zero to ten.</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> |
| <p>1.2.e Differentiates some written numerals from written letters.</p> | <p><i>Supplemental material is necessary to address this standard.</i></p> |

Counting and Cardinality

1.3 Compares Numbers and Quantities: The child applies a range of strategies such as matching or counting to compare sets of objects.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.3.a</p> <p>Compares two sets of objects using terms such as greater than, less than, or equal to.</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> |

Counting and Cardinality

1.4 Counts to Tell Number of Objects: The child uses number words and counting to identify quantity.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.4.a</p> <p>Identifies quantities of three to five objects without counting using visual approximation (Subitize).</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> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.4.b</p> <p>Demonstrates the ability to match object to object in a group (One-to-one correspondence).</p> | <p>PK M1 Lesson 7: Animal Count</p> <p>PK M1 Lesson 8: Let’s Count!</p> <p>PK M1 Lesson 15: Let’s Count!</p> <p>PK M1 Lesson 18: Forest Path Game</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 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>1.4.c</p> <p>Counts groups of objects using a number word for each object (Rational counting).</p> | <p>PK M1 Lesson 7: Animal Count</p> <p>PK M1 Lesson 8: Let’s Count!</p> <p>PK M1 Lesson 15: Let’s Count!</p> <p>PK M1 Lesson 16: Number Recipe</p> <p>PK M1 Lesson 17: Bean Bag Toss</p> <p>PK M1 Lesson 18: Forest Path Game</p> <p>PK M1 Lesson 19: Math Stories</p> <p>PK M1 Lesson 30: Let’s Count and Record!</p> <p>PK M1 Lesson 31: Match or No Match?</p> <p>PK M1 Lesson 32: Make It Match</p> <p>PK M1 Lesson 33: Dinosaur World</p> <p>PK M2 Lesson 17: Let’s Count and Record!</p> <p>PK M3 Lesson 8: Make Your Own Rekenrek!</p> <p>PK M3 Lesson 9: Decompose 6 and 7</p> <p>PK M3 Lesson 10: Decompose 8 and 9</p> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.4.c <i>continued</i></p> | <p>PK M3 Lesson 11: Decompose 10</p> <p>PK M3 Lesson 13: Number Stairs</p> <p>PK M3 Lesson 17: Let’s Count and Record!</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 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>1.4.d</p> <p>Counts a collection of up to ten items using the last counting word to tell, “How many?” (Cardinality)</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 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> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>1.4.d <i>continued</i></p> | <p>PK M3 Lesson 17: Let’s Count and Record! PK M6 Topic A: Project: Create a Business PK M6 Topic C: Project: Care for Our Space</p> |
| <p>1.4.e Matches numerals to quantities using manipulatives.</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> |

Operations and Algebraic Thinking

2.1 Explores Addition and Subtraction: The child recognizes addition as adding to and subtraction as taking away from.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>2.1.a</p> <p>Recognizes that adding increases the number of objects in a group.</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 M6 Topic C: Project: Care for Our Space</p> |
| <p>2.1.b</p> <p>Describes changes in two or more sets of objects when they are combined.</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 12: Match Game: Make 4</p> <p>PK M5 Lesson 13: Turtle Time</p> <p>PK M5 Lesson 14: Sorting Apples</p> <p>PK M6 Topic C: Project: Care for Our Space</p> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>2.1.c</p> <p>Recognizes that taking away (subtracting) decreases the number of objects in a group.</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 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> |
| <p>2.1.d</p> <p>Describes changes in a set of objects when they are separated into parts.</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 13: Turtle Time</p> <p>PK M5 Lesson 14: Sorting Apples</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> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| 2.1.d <i>continued</i> | PK M5 Lesson 19: Mental Movies: Subtraction PK M5 Lesson 20: Train Stories: Subtraction PK M6 Topic C: Project: Care for Our Space |
| 2.1.e Counts on from the larger number for addition. | <i>Supplemental material is necessary to address this standard.</i> |

Operations and Algebraic Thinking

2.2 Patterning: The child recognizes, fixes, duplicates, extends, describes, and creates patterns.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| 2.2.a Recognizes patterns in the real world. | PK M3 Lesson 19: Number Cha-Cha 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 |
| 2.2.b Fixes simple patterns. | PK M3 Lesson 18: Pattern Units PK M3 Lesson 20: Find the Missing Piece PK M5 Lesson 23: Patterns Everywhere |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>2.2.c Duplicates simple 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>2.2.d Extends patterns.</p> | <p>PK M3 Lesson 18: Pattern Units 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>2.2.e Creates 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> |
| <p>2.2.f Describes similarities and differences in patterns.</p> | <p><i>Supplemental material is necessary to address this standard.</i></p> |

Measurement and Data

3.1 Sorts and Classifies: The child sorts and groups objects by a variety of attributes.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>3.1.a</p> <p>Sorts and classifies objects by one or more attributes (e.g., size, color, shape, texture, use).</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 M5 Lesson 19: Compare Groups</p> <p>PK M6 Topic A: Project: Create a Business</p> |
| <p>3.1.b</p> <p>Explains how items were sorted into groups.</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 M6 Topic A: Project: Create a Business</p> |

Measurement and Data

3.2 Data Analysis: With prompting and support the child collects, organizes, displays, and describes relevant data.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i>² |
|---|---|
| <p>3.2.a</p> <p>Asks questions to gather measurable data.</p> | <p>PK M4 Lesson 13: Collect Data and Compare</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>3.2.b</p> <p>Displays data to answer simple questions about themselves or the environment.</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>3.2.c</p> <p>Uses descriptive language to compare data in picture graphs or other concrete representations.</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 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>3.2.d</p> <p>Analyzes data from charts and graphs to answer questions.</p> | <p>PK M4 Lesson 18: How Many Crayons?</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> |

Measurement and Data

3.3 Measures: The child uses measurement to describe and compare objects in the environment.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>3.3.a</p> <p>Compares objects and uses terms (e.g., lighter-heavier, hotter-colder, and faster-slower).</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>3.3.b</p> <p>Uses non-standard units of measurement (e.g., hands, bodies, containers) to estimate measurable attributes.</p> | <p>PK M6 Topic C: Project: Care for Our Space</p> <p><i>Supplemental material is necessary to fully address this standard.</i></p> |

| Arizona Early Learning Standards | Aligned Components of Eureka Math² |
|---|--|
| <p>3.3.c</p> <p>Uses various standard measuring tools for simple measuring tasks.</p> | <p>PK M4 Lesson 12: Balance Scale</p> <p>PK M4 Lesson 21: How Many Scoops?</p> <p>PK M4 Lesson 22: Compare Attributes</p> <p><i>Supplemental material is necessary to fully address this standard.</i></p> |
| <p>3.3.d</p> <p>Orders objects by measurable attributes.</p> | <p>PK M4 Lesson 8: Compare by Using Numbers</p> <p>PK M4 Lesson 9: Straw Line Up</p> <p>PK M4 Lesson 15: Trains</p> |
| <p>3.3.e</p> <p>Uses appropriate vocabulary to describe time and sequence related to daily routines (e.g., tomorrow, yesterday, next, this morning).</p> | <p><i>Supplemental material is necessary to address this standard.</i></p> |

Geometry

4.1 Shapes: The child recognizes names and describes common shapes and their properties.

| Arizona Early Learning Standards | Aligned Components of Eureka Math² |
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| <p>4.1.a</p> <p>Recognizes basic two-dimensional shapes when presented in different orientations.</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 14: Puppet’s Picture</p> |

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
|---|---|
| <p>4.1.b</p> <p>Uses the names of geometric shapes when describing objects found in the environment.</p> | <p>PK M2 Lesson 5: Circles</p> <p>PK M2 Lesson 7: Triangles, Rectangles, and Square Rectangles</p> <p>PK M2 Lesson 8: Shape Games</p> <p>PK M2 Lesson 14: Puppet’s Picture</p> |
| <p>4.1.c</p> <p>Creates two-dimensional shapes during play.</p> | <p>PK M2 Lesson 9: Shape Pictures</p> <p>PK M2 Lesson 10: Shape Puzzles</p> <p>PK M2 Lesson 11: Build Shapes</p> <p>PK M2 Lesson 12: Build My Shape</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> |
| <p>4.1.d</p> <p>Creates three-dimensional (solid) shapes during play.</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>4.1.e</p> <p>Compares, describes, analyzes, and sorts two- and three-dimensional objects in the environment using formal and informal mathematical language with prompting and support based on their attributes.</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 13: Shape Towers</p> <p>PK M2 Lesson 15: Roll, Slide, or Stack</p> |

Geometry

4.2 Spatial Reasoning: The child uses and demonstrates an understanding of positional terms.

| Arizona Early Learning Standards | Aligned Components of <i>Eureka Math</i> ² |
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| <p>4.2.a</p> <p>Uses and responds to spatial language (e.g., between, inside, under, above, 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>4.2.b</p> <p>Describes the relative position or location of objects in relation to self or to other objects with mathematical precision.</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> |