
Prekindergarten | Pennsylvania Learning Standards for Early Childhood (2024) 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>

Numbers and Operations

2.1.A.1 Counting and Cardinality: Cardinality

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.1.PK.A.1 Know number names and the count sequence.</p>	<p><i>This standard is addressed by the lessons aligned to its subsections.</i></p>
<p>Name numerals up to 10.</p>	<p><i>This standard is fully addressed by Fluency Anytime activities suggested for each module.</i></p>
<p>Rote count up to 20.</p>	<p><i>This standard is fully addressed by Fluency Anytime activities suggested for each module.</i></p>
<p>Match a numeral to a set of 0–10 objects.</p>	<p>PK M1 Lesson 11: Match Game PK M1 Lesson 12: Count the Math Way PK M1 Lesson 17: Bean Bag Toss PK M1 Lesson 21: How Many Ways? PK M1 Lesson 22: Animal Sort PK M1 Lesson 29: Match Game PK M1 Lesson 31: Match or No Match? PK M1 Lesson 32: Make It Match</p>
<p>Represent a number of objects with a written numeral 0–10.</p>	<p>PK M1 Lesson 10: Written Numbers 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 21: How Many Ways? PK M1 Lesson 22: Animal Sort</p>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.1 <i>continued</i> Represent a number of objects with a written numeral 0–10. <i>continued</i></p>	<p>PK M1 Lesson 25: More Written Numbers PK M1 Lesson 27: 5-Groups 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>Differentiate numerals from letters.</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>
<p>Count on when a specific number is provided.</p>	<p>PK M1 Lesson 10: Written Numbers PK M1 Lesson 14: Rice Scoops PK M1 Lesson 25: More Written Numbers PK M3 Lesson 13: Number Stairs PK M3 Lesson 14: Number Detective PK M3 Lesson 16: Counting with Puppet</p>

Numbers and Operations

2.1.A.2 Counting and Cardinality: Counting

Pennsylvania Learning Standards for Early Childhood

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.2 Count to tell the number of objects.</p>	<p><i>This standard is fully addressed by the lessons aligned to its subsections.</i></p>
<p>Subitize (visually quantify) to determine how many: attach a numerical value to a set of objects without counting up to six.</p>	<p>PK M1 Lesson 7: Animal Count PK M1 Lesson 11: Match Game PK M1 Lesson 29: Match Game 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 Lesson 7: Do You See 5? PK M3 Lesson 9: Decompose 6 and 7</p>
<p>Use one-to-one correspondence when counting to 10.</p>	<p>PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 15: Let's Count! PK M1 Lesson 18: Forest Path Game PK M1 Lesson 30: Let's Count and Record! PK M2 Lesson 17: Let's Count and Record! PK M3 Lesson 17: Let's Count and Record! PK M4 Lesson 17: Let's Count and Compare! 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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.2 <i>continued</i></p> <p>State the total number of objects counted, demonstrating understanding that the last number named tells the number of objects counted.</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> <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 B: Project: Plan a Celebration</p> <p>PK M6 Topic C: Project: Care for Our Space</p>
---	--

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.2 <i>continued</i></p> <p>Use counting and numbers as part of play and as a means for determining quantity.</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>This standard is fully addressed by Math Anytime activities suggested for each module.</i></p>
--	---

Numbers and Operations

2.1.A.3 Counting and Cardinality: Comparing

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.3</p> <p>Compare numbers.</p>	<p><i>This standard is fully addressed by the lessons aligned to its subsections.</i></p>
<p>Create sets of objects with same and different amounts.</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>Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group up to 10.</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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.1.PK.A.3 <i>continued</i> Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group up to 10. <i>continued</i></p>	<p>PK M4 Lesson 21: How Many Scoops? 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>Compare two numbers between 1 and 5 when presented as written numerals.</p>	<p>PK M4 Lesson 15: Trains PK M4 Lesson 19: Compare Groups PK M4 Lesson 20: Explore Area</p>
<p>Practice use of mathematical vocabulary to compare numbers of objects.</p>	<p>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 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>

Numbers and Operations

2.1.A.MP Mathematical Processes

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.1.PK.MP</p> <p>Use mathematical processes when quantifying, comparing, representing, and modeling numbers.</p>	<p><i>This standard is fully addressed by the content aligned to its subsections.</i></p>
<p>Engage in numerical play.</p>	<p><i>This standard is fully addressed as students engage in numerical play when they quantify, compare, represent, and model numbers throughout modules 1, 3, and 4.</i></p>
<p>Persist in numerical play.</p>	<p><i>This standard is fully addressed as students persist in numerical play when they quantify, compare, represent, and model numbers throughout modules 1, 3, and 4.</i></p>
<p>When prompted, communicate thinking while engaged in numerical play.</p>	<p><i>This standard is fully addressed as students communicate thinking when they quantify, compare, represent, and model numbers throughout modules 1, 3, and 4.</i></p>
<p>Talk and listen to peers during numerical play.</p>	<p><i>This standard is fully addressed as students talk and listen to peers when they quantify, compare, represent, and model numbers throughout modules 1, 3, and 4.</i></p>
<p>Use common forms of numerical representation (e.g., fingers, tally marks, dots).</p>	<p><i>This standard is fully addressed as students use numerical representations when they quantify, compare, represent, and model numbers throughout modules 1, 3, and 4.</i></p>

Algebraic Concepts

2.2.A.1 Operations and Algebraic Thinking

Pennsylvania Learning Standards for Early Childhood

Aligned Components of *Eureka Math*²

<p>2.2.PK.A.1</p> <p>Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</p>	<p><i>This standard is fully addressed by the lessons aligned to its subsections.</i></p>
<p>Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.</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 M5 Lesson 11: Break Apart 5</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 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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.2.PK.A.1 <i>continued</i></p> <p>Explain adding and subtracting sets of objects up to and including six, using basic math vocabulary (e.g., putting together, adding to, taking away, taking apart, taking from).</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 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>Join sets of objects.</p>	<p>PK M3 Lesson 6: 5-Piece Puzzles</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 12: Match Game: Make 4</p>
<p>Separate sets of objects.</p>	<p>PK M1 Lesson 19: Math Stories</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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.2.PK.A.1 <i>continued</i> Separate sets of objects. <i>continued</i></p>	<p>PK M1 Lesson 24: Mystery Eggs 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 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M5 Lesson 11: Break Apart 5 PK M5 Lesson 13: Turtle Time PK M5 Lesson 14: Sorting Apples</p>
<p>Add objects to a set and tell a number story about it.</p>	<p>PK M1 Lesson 33: Dinosaur World 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</p>

Algebraic Concepts

2.2.A.MP Mathematical Processes

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.2.PK.MP Use mathematical processes when representing relationships.</p>	<p><i>This standard is fully addressed by the content aligned to its subsections.</i></p>
<p>Engage in mathematical play.</p>	<p><i>This standard is fully addressed as students engage in mathematical play when they represent relationships throughout modules 3 and 5.</i></p>
<p>Persist in mathematical play.</p>	<p><i>This standard is fully addressed as students persist in mathematical play when they represent relationships throughout modules 3 and 5.</i></p>
<p>Problem-solve during mathematical play.</p>	<p><i>This standard is fully addressed as students problem-solve when they represent relationships throughout modules 3 and 5.</i></p>
<p>When prompted, communicate thinking while engaged in mathematical play.</p>	<p><i>This standard is fully addressed as students communicate thinking when they represent relationships throughout modules 3 and 5.</i></p>
<p>Talk and listen to peers during mathematical play.</p>	<p><i>This standard is fully addressed as students talk and listen to peers when they represent relationships throughout modules 3 and 5.</i></p>
<p>Use common forms of numerical representation (e.g., fingers, tally marks, dots).</p>	<p><i>This standard is fully addressed as students use numerical representations when they represent relationships throughout modules 3 and 5.</i></p>

Geometry

2.3.A.1 Geometry: Identification

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.3.PK.A.1 Identify and describe shapes.</p>	<p><i>This standard is addressed by the lessons aligned to its subsections.</i></p>
<p>Describe objects in the environment using names of shapes.</p>	<p>PK M2 Lesson 4: Shapes in Art PK M2 Lesson 9: Shape Pictures PK M2 Lesson 13: Shape Towers PK M2 Lesson 15: Roll, Slide, or Stack PK M2 Lesson 16: Pyramids!</p>
<p>Recognize and describe the attributes of geometric figures.</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 11: Build Shapes PK M2 Lesson 12: Build My Shape 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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.3.PK.A.1 <i>continued</i></p> <p>Describe the relative positions of objects using terms such as <i>above</i>, <i>below</i>, <i>beside</i>, <i>in front of</i>, <i>behind</i>, and <i>next to</i>.</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>Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (solid).</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>

Geometry

2.3.A.2 Geometry: Application

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.3.PK.A.2</p> <p>Analyze, compare, create, and compose shapes.</p>	<p><i>This standard is addressed by the lessons aligned to its subsections.</i></p>
<p>Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts, and other 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 14: Puppet’s Picture</p> <p>PK M2 Lesson 15: Roll, Slide, or Stack</p>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.3.PK.A.2 <i>continued</i> Model shapes in the world by building shapes from components and drawing shapes.</p>	<p>PK M2 Lesson 11: Build Shapes PK M2 Lesson 12: Build My Shape</p>
<p>Use geoboards to create shapes with rubber bands.</p>	<p><i>Supplemental material is necessary to address this standard.</i></p>
<p>Use simple shapes to compose larger shapes.</p>	<p>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</p>

Geometry

2.3.A.MP Mathematical Processes

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.3.PK.MP</p> <p>Use mathematical processes when drawing, constructing, modeling, and representing shapes.</p>	<p><i>This standard is fully addressed by the content aligned to its subsections.</i></p>
<p>Engage in geometric play.</p>	<p><i>This standard is fully addressed as students engage in geometric play when they draw, construct, and represent shapes throughout module 2.</i></p>
<p>Persist in geometric play.</p>	<p><i>This standard is fully addressed as students persist in geometric play when they draw, construct, and represent shapes throughout module 2.</i></p>
<p>Problem-solve during geometric play.</p>	<p><i>This standard is fully addressed as students problem-solve when they draw, construct, and represent shapes throughout module 2.</i></p>
<p>When prompted, communicate thinking while engaged in geometric play.</p>	<p><i>This standard is fully addressed as students communicate thinking when they draw, construct, and represent shapes throughout module 2.</i></p>
<p>Talk and listen to peers during geometric play.</p>	<p><i>This standard is fully addressed as students talk and listen to peers when they draw, construct, and represent shapes throughout module 2.</i></p>

Measurement, Data, and Probability

2.4.A.1 Measurement and Data: Measurement

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i> ²
<p>2.4.PK.A.1</p> <p>Describe and compare measurable attributes of length and weights of everyday objects.</p>	<p><i>This standard is addressed by the lessons aligned to its subsections.</i></p>
<p>Recognize attributes of objects that 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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.4.PK.A.1 <i>continued</i> Measure objects using non-standard items (e.g., hands, shoes, yarn, blocks).</p>	<p>PK M4 Lesson 21: How Many Scoops? PK M6 Topic C: Project: Care for Our Space <i>Supplemental material is necessary to fully address this standard.</i></p>
<p>Practice use of standard measurement tools.</p>	<p>PK M4 Lesson 12: Balance Scale <i>Supplemental material is necessary to fully address this standard.</i></p>
<p>Practice using measurement vocabulary.</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 M6 Topic C: Project: Care for Our Space</p>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.4.PK.A.1 <i>continued</i> Sort and order by one attribute.</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 M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 15: Trains PK M6 Topic A: Project: Create a Business</p>
<p>Use ordinal number words to describe the position of objects (first, second, last).</p>	<p>PK M5 Lesson 21: Create Patterns PK M6 Topic B: Project: Plan a Celebration</p>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.4.PK.A.1 <i>continued</i></p> <p>Compare two objects with a measurable attribute in common to see which object has “more of”/“less of” the attribute and describe the difference.</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>
---	--

Measurement, Data, and Probability

2.4.A.4 Measurement and Data: Data

Pennsylvania Learning Standards for Early Childhood

Aligned Components of *Eureka Math*²

<p>2.4.PK.A.2</p> <p>Classify objects and count the number of objects in each category.</p>	<p><i>This standard is fully addressed by the lessons aligned to its subsections.</i></p>
<p>Classify up to 10 objects using one attribute into categories.</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 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>

**Pennsylvania Learning Standards
for Early Childhood**

Aligned Components of *Eureka Math*²

<p>2.4.PK.A.2 <i>continued</i></p> <p>Display the number of objects in each category.</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 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>Count and compare the quantities of each category to describe which category has “more of”/“less of” the attribute.</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 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>

Measurement, Data, and Probability

2.4.A.MP Mathematical Processes

Pennsylvania Learning Standards for Early Childhood	Aligned Components of <i>Eureka Math</i>²
<p>2.4.PK.MP</p> <p>Use mathematical processes when measuring; representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed by the content aligned to its subsections.</i></p>
<p>Engage in activities that include measuring, representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed as students engage in activities that include measuring, representing, organizing, and understanding data in modules 1, 4, and 6.</i></p>
<p>Persist in activities that include measuring, representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed as students persist in activities that include measuring, representing, organizing, and understanding data in modules 1, 4, and 6.</i></p>
<p>Problem-solve in activities that include measuring, representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed as students problem-solve in activities that include measuring, representing, organizing, and understanding data in modules 1, 4, and 6.</i></p>
<p>When prompted, communicate thinking while engaged in activities that include measuring, representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed as students communicate thinking while measuring, representing, organizing, and understanding data in modules 1, 4, and 6.</i></p>
<p>Talk and listen to peers during activities that include measuring, representing, organizing, and understanding data.</p>	<p><i>This standard is fully addressed as students talk and listen to peers during activities that include measuring, representing, organizing, and understanding data in modules 1, 4, and 6.</i></p>