Prekindergarten | Oklahoma Academic Standards for Mathematics
Correlation to *Eureka Math²*®

When the original *Eureka Math*® curriculum was released, it quickly became the most widely used K–5 mathematics curriculum in the country. Now, the Great Minds® teacher-writers have created *Eureka Math²*®, a groundbreaking new curriculum that helps teachers deliver exponentially better math instruction while still providing students with the same deep understanding of and fluency in math. *Eureka Math²* carefully sequences mathematical content to maximize vertical alignment—a principle tested and proven to be essential in students' mastery of math—from prekindergarten through high school.

While this innovative new curriculum includes all the trademark *Eureka Math* aha moments that have been delighting students and teachers for years, it also boasts these exciting new features:

Teachability

Eureka Math² employs streamlined materials that allow teachers to plan more efficiently and focus their energy on delivering high-quality instruction that meets the individual needs of their students. Differentiation suggestions, slide decks, digital interactives, and multiple forms of assessment are just a few of the resources built right into the teacher materials.

Accessibility

Eureka Math² incorporates Universal Design for Learning principles so all learners can access the mathematics and take on challenging math concepts. Student supports are built into the instructional design and are clearly identified in the *Teach* book. Further, the curriculum carries a focus on readability. By eliminating unnecessary words and using simple, clear sentences, the *Eureka Math²* teacher-writers have created one of the most readable mathematics curricula on the market. The curriculum's readability and accessibility help all students see themselves as mathematical thinkers and doers who are fully capable of owning their mathematics learning.

Digital Engagement

The digital elements of *Eureka Math²* add to students' engagement with the math. The curriculum provides teachers with digital slides for select lessons. In addition, each grade level includes wordless videos that spark students' interest and curiosity. Students at all levels work through mathematical explorations that help lead to their own mathematical discoveries. Videos provide opportunities for students to wonder, explore, and make sense of mathematics, which contributes to the development of a strong, positive mathematical identity.

Mathematical Actions and Processes	Aligned Components of *Eureka Math²*
Develop a Deep and Flexible Conceptual Understanding	Lessons in every module engage students in mathematical actions and processes.
Develop Accurate and Appropriate Procedural Fluency	Lessons in every module engage students in mathematical actions and processes.
Develop Strategies for Problem Solving	Lessons in every module engage students in mathematical actions and processes.
Develop Mathematical Reasoning	Lessons in every module engage students in mathematical actions and processes.
Develop a Productive Mathematical Disposition	Lessons in every module engage students in mathematical actions and processes.
Develop the Ability to Make Conjectures, Model, and Generalize	Lessons in every module engage students in mathematical actions and processes.
Develop the Ability to Communicate Mathematically	Lessons in every module engage students in mathematical actions and processes.

Numbers & Operations

PK.N.1 Know number names and count in sequence.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.1.1 Count aloud forward in sequence by 1s to 20.	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 PK M1 Lesson 30: Let's Count and Record! PK M2 Lesson 17: Let's Count and Record! PK M3 Topic C: Analyze the Count Sequence 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 C: Project: Care for Our Space

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.1.2 Recognize and name written numerals 0–10.	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
PK.N.1.3 Recognize that 0 (zero) represents the count of no objects.	PK M1 Lesson 11: Match Game PK M1 Lesson 16: Number Recipe PK M1 Lesson 17: Bean Bag Toss PK M5 Lesson 1: Bears on Stairs PK M5 Lesson 2: 1 Less PK M5 Lesson 4: 1 More, 1 Less the Math Way

Numbers & Operations
PK.N.2 Count to tell the number of objects.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.2.1 Identify the number of objects, up to 10, in a row or column.	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? 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

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.2.2 Use one-to-one correspondence in counting objects and matching groups of objects up to 10.	PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 15: Let's Count! PK M1 Topic D: Count Out a Set of Up to 5 Objects 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 M2 Lesson 17: Let's Count and Record! PK M3 Lesson 8: Make Your Own Rekenrek! 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 13: Number Stairs PK M3 Lesson 17: Let's Count and Record! PK M4 Lesson 17: Let's Count and Compare! 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

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.2.3 Understand the last numeral spoken when counting aloud tells how many total objects are in a set up to 10.	PK M1 Lesson 8: Let's Count! PK M1 Lesson 14: Rice Scoops PK M1 Lesson 15: Let's Count! 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 C: Project: Care for Our Space
PK.N.2.4 Count up to 5 items in a scattered configuration, not in a row or column.	PK M1 Lesson 7: Animal Count PK M1 Lesson 9: How Many? PK M1 Lesson 11: Match Game PK M1 Lesson 23: Story Cards PK M1 Lesson 34: Culminating Activity 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 M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration

Numbers & Operations

PK.N.3 Compare sets using numbers.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.N.3.1 Compare two sets of 0–5 objects using comparative language such as "same," "more," or "fewer."	PK M4 Topic D: Compare Sets PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups 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

Algebraic Reasoning & Algebra

PK.A.1 Recognize, duplicate, and extend patterns.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.A.1.1 Sort and group up to 5 objects into a set based upon characteristics such as color, size, and shape. Explain verbally what the objects have in common.	PK M1 Topic A: Use Attributes to Match and Sort PK M1 Topic E: Sort to Decompose PK M1 Lesson 34: Culminating Activity PK M2 Lesson 6: Sort the Shapes PK M6 Topic A: Project: Create a Business
PK.A.1.2 Recognize, duplicate, and extend repeating patterns involving manipulatives, sound, movement, and other contexts.	PK M3 Topic D: Use Structure to Analyze Patterns 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

Geometry & Measurement
PK.GM.1 Identify common shapes.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.GM.1.1 Identify circles, squares, rectangles, and triangles by pointing to the shape when given the name.	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

Geometry & Measurement
PK.GM.2 Describe and compare measurable attributes.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.GM.2.1 Identify measurable attributes of objects. Describe them using age-appropriate vocabulary (i.e., little, big, long, short, tall, heavy, light).	PK M4 Topic A: Describe Size PK M4 Topic B: Compare Heights and Lengths PK M4 Topic C: Compare Weights PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space
PK.GM.2.2 Directly compare two objects with a common measurable attribute using age-appropriate vocabulary (e.g., longer/shorter, heavier/lighter, taller/shorter).	PK M4 Lesson 3: Explore Capacity PK M4 Lesson 4: How Much Juice? PK M4 Topic B: Compare Heights and Lengths PK M4 Topic C: Compare Weights PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.GM.2.3 Sort objects into sets by one or more attributes.	PK M1 Topic A: Use Attributes to Match and Sort PK M1 Topic E: Sort to Decompose PK M1 Lesson 34: Culminating Activity PK M2 Lesson 6: Sort the Shapes PK M5 Lesson 14: Sorting Apples PK M6 Topic A: Project: Create a Business

Data & Probability
PK.D.1 Collect and organize categorical data.

Oklahoma Academic Standards for Mathematics	Aligned Components of *Eureka Math²*
PK.D.1.1 Collect and organize information about objects and events in the environment.	PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups 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
PK.D.1.2 Use categorical data to create real-object graphs, with guidance and support.	*Supplemental material is necessary to address this objective.*