Prekindergarten | New Hampshire Early Learning Standards (2015)
Correlation to *Eureka Math²® (2027)*

Eureka Math² 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 Math²* 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 Math² 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 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 into the teacher materials.

Accessibility

Eureka Math² 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 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.

Math Confidence

Eureka Math² 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 *Eureka Math²*
MP.1 Make sense of problems and persevere in solving them.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.2 Reason abstractly and quantitatively.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.3 Construct viable arguments and critique the reasoning of others.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.4 Model with mathematics.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.5 Use appropriate tools strategically.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.6 Attend to precision.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.7 Look for and make use of structure.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.8 Look for and express regularity in repeated reasoning.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.

Number Operations

Concept of number, quantity, ways of representing numbers, one-to-one correspondence, and counting

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Identify by sight how many are in a small group of up to 3 items	PK M1 Lesson 11: Match Game PK M3 Lesson 3: Decompose 3
Demonstrate understanding of one-to-one correspondence	PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 15: Let's Count! PK M1 Lesson 16: Number Recipe PK M1 Lesson 17: Bean Bag Toss PK M1 Lesson 18: Forest Path Game PK M1 Lesson 19: Math Stories PK M1 Lesson 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!

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Demonstrate understanding of one-to-one correspondence *continued*	PK M5 Lesson 4: 1 More, 1 Less the Math Way PK M5 Lesson 16: Show and Hide Fingers 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
Recognize that the last number used in counting is the same as the total (e.g. Leila counts four cars and when the teacher asks her, "How many cars do you have?" she answers, "Four.")	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!

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Recognize that the last number used in counting is the same as the total (e.g. Leila counts four cars and when the teacher asks her, "How many cars do you have?" she answers, "Four.") *continued*	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
Count objects in two different collections (up to ten in each) to determine which is the larger one	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 M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Can answer the question "What comes after..." a number without having to recount (e.g. When asked, "What comes after five," Sawyer says, "Six," without having to count up from one.)	PK M1 Lesson 10: Written Numbers PK M1 Lesson 14: Rice Scoops PK M1 Lesson 25: More Written Numbers PK M1 Lesson 26: Count on the Rekenrek PK M3 Lesson 12: 1 More PK M3 Lesson 13: Number Stairs PK M3 Lesson 14: Number Detective PK M3 Lesson 15: Count on the Rekenrek PK M3 Lesson 16: Counting with Puppet PK M3 Lesson 17: Let's Count and Record! PK M5 Lesson 3: 1 More, 1 Less PK M5 Lesson 4: 1 More, 1 Less the Math Way PK M5 Lesson 5: Market Math PK M6 Topic A: Project: Create a Business PK M6 Topic C: Project: Care for Our Space

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Change small collections of objects by combining or removing objects and then counting to determine how many they have (e.g. Avery counts out three blocks, then adds two more, and counts all of the blocks and says, "I have five blocks.")	PK M5 Lesson 3: 1 More, 1 Less PK M5 Lesson 4: 1 More, 1 Less the Math Way 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

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Begin to recognize and attempt to write numerals up to 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 M3 Lesson 2: Bunny Puzzles PK M3 Lesson 3: Decompose 3 PK M3 Lesson 4: Decompose 4 PK M3 Lesson 5: Decompose 5 PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration

Geometry and Spatial Sense

Shapes and their attributes, position, comparing and contrasting two or more objects, and distance

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Use words that show understanding of order and position of objects	PK M2 Lesson 1: Where Is Rosie? PK M2 Lesson 2: Use the Clues PK M2 Lesson 3: Build a Map PK M2 Lesson 8: Shape Games PK M5 Lesson 21: Create Patterns PK M6 Topic B: Project: Plan a Celebration
Identify and name common shapes	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
Describe basic features of shapes (e.g. Finnley says, "This triangle has three sides and this square has four sides.")	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 15: Roll, Slide, or Stack

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Compare the shape of two objects (e.g. Reanna draws two round shapes and says, "This one is an oval and this one is a circle.")	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 13: Shape Towers PK M2 Lesson 15: Roll, Slide, or Stack

Measurement

Size, volume, quantity and other measurable qualities, and the tools to measure them

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Recognize that objects can be measured by height, length, weight, and volume (e.g. Palo makes a stack of unifix cubes next to his friend and says, "You're 40 cubes tall.")	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

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Recognize that objects can be measured by height, length, weight, and volume (e.g. Palo makes a stack of unifix cubes next to his friend and says, "You're 40 cubes tall.") *continued*	PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space
Make comparison such as bigger or smaller between two groups of objects	PK M4 Lesson 3: Explore Capacity PK M4 Lesson 4: How Much Juice? PK M4 Lesson 5: Tall or Short PK M4 Lesson 6: Compare Heights PK M4 Lesson 7: Compare Lengths PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 10: Heavy or Light PK M4 Lesson 11: Compare Weights PK M4 Lesson 12: Balance Scale PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space
Recognize that time is measured in units (e.g. John asks how many more minutes he can stay outside.)	*Supplemental material is necessary to address this standard.*

Patterns and Relationships

Recognizing or creating planned or random repetitions and comparisons

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Order or sequence several objects based on one characteristic	PK M4 Lesson 8: Compare by Using Numbers PK M4 Lesson 9: Straw Line Up PK M4 Lesson 15: Trains
Begin creating simple patterns with familiar objects (e.g. Max places the blocks in rows of long, short, long, short, etc.)	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

Data Collection and Analysis

Gathering, organizing, and analyzing information, and drawing conclusions to make sense of the world

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Sort objects and count and compare the groups formed. (e.g. Carlo says, "There are 3 brown teddy bears and 4 black teddy bears.")	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 13: Collect Data and Compare PK M4 Lesson 19: Compare Groups PK M6 Topic A: Project: Create a Business
Organize and represent information visually, with adult support (e.g. The teacher helps the preschoolers create a picture graph showing the numbers of children who walked to school or rode in a car.)	PK M5 Lesson 14: Sorting Apples PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space

Time and Sequence

Concept of time as it relates to daily routines, and sequencing of events

New Hampshire Early Learning Standards	Aligned Components of *Eureka Math²*
Begin to differentiate between yesterday, today, and tomorrow	*Supplemental material is necessary to address this standard.*