ABOUT *EUREKA MATH*	Created by the nonprofit Great Minds, *Eureka Math* helps teachers deliver unparalleled math instruction that provides students with a deep understanding of and fluency in math. Crafted by teachers and math scholars, the curriculum carefully sequences the mathematical progressions to maximize coherence from Prekindergarten through Precalculus—a principle tested and proven to be essential in students' mastery of math. Teachers and students using *Eureka Math* find the trademark "Aha!" moments in *Eureka Math* to be a source of joy and inspiration, lesson after lesson, year after year.
ALIGNED	*Eureka Math* is the only curriculum found by EdReports.org to align fully with the Common Core State Standards for Mathematics for all grades, Kindergarten through Grade 8. Great Minds offers detailed analyses that demonstrate how each grade of *Eureka Math* aligns with specific state standards. Access these free alignment studies at greatminds.org/state-studies.
DATA	Schools and districts nationwide are experiencing student growth and impressive test scores after using *Eureka Math*. See their stories and data at greatminds.org/data.
FULL SUITE OF RESOURCES	As a nonprofit, Great Minds offers the *Eureka Math* curriculum as PDF downloads for free, noncommercial use. Access the free PDFs at greatminds.org/resources. The teacher–writers who created the curriculum have also developed essential resources, available only from Great Minds, including the following: • Printed material in English and Spanish • Digital resources • Professional development • Classroom tools and manipulatives • Teacher support materials • Parent resources

Florida Benchmarks for Excellent Student Thinking (B.E.S.T.) Standards in Mathematics Correlation to *Eureka Math*®

GRADE K MATHEMATICS

The majority of the Grade K Florida B.E.S.T. Mathematics Standards are fully covered by the Grade K *Eureka Math* curriculum. The primary area where the Grade K Mathematics Florida Standards and Grade K *Eureka Math* do not align is in the domain of Measurement. One standard from this domain and one from Geometric Reasoning will require the use of *Eureka Math* content from another grade level. A detailed analysis of alignment is provided in the table below.

INDICATORS

GREEN	indicates the Florida standard is addressed in *Eureka Math*.
YELLOW	indicates the Florida standard may not be completely addressed in *Eureka Math*.
RED	indicates the Florida standard is not addressed in *Eureka Math*.
BLUE	indicates there is a discrepancy between the grade level at which this standard is addressed in Florida and in *Eureka Math*.

Strand	Benchmark	Aligned Components of *Eureka Math*
Number Sense and Operations	**Standard: MA.K.NSO.1** **Develop an understanding for counting using objects in a set.**	
	MA.K.NSO.1.1 Given a group of up to 20 objects, count the number of objects in that group and represent the number of objects with a written numeral. State the number of objects in a rearrangement of that group without recounting.	GK M1 Topic A: Attributes of Two Related Objects GK M1 Topic B: Classify to Make Categories and Count GK M1 Topic B: Numbers to 5 in Different Configurations, Math Drawings and Expressions GK M1 Topic D: The Concept of Zero and Working with Numbers 0 to 5 GK M1 Topic E: Working with Numbers 6–8 in Different Configurations GK M1 Topic F: Working with Numbers 9 and 10 in Different Configurations GK M1 Topic G: 1 More Than with Numbers 0 to 10 GK M5 Topic A: Count Ten Ones and Some Ones
	MA.K.NSO.1.2 Given a number from 0 to 20, count out that many objects.	GK M1 Topic D: The Concept of Zero and Working with Numbers 0 to 5

Strand	Benchmark		Aligned Components of *Eureka Math*
	MA.K.NSO.1.3 Identify positions of objects within a sequence using the words “first,” “second,” “third,” “fourth” or “fifth.”		GK M6 Topic A: Building and Drawing Flat and Solid Shapes
	MA.K.NSO.1.4 Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to or greater than.		GK M3 Topic F: Comparison of Sets Within 10 GK M3 Topic G: Comparison of Numerals GK M5 Topic E: Represent and Apply Compositions and Decompositions of Teen Numbers
	Standard: MA.K.NSO.2 **Recite number names sequentially within 100 and develop an understanding for place value.**		
	MA.K.NSO.2.1 Recite the number names to 100 by ones and by tens. Starting at a given number, count forward within 100 and backward within 20.		GK M5 Topic D: Extend the Say Ten and Regular Count Sequence to 100

Strand	Benchmark		Aligned Components of *Eureka Math*
	MA.K.NSO.2.2 Represent whole numbers from 10 to 20, using a unit of ten and a group of ones, with objects, drawings and expressions or equations.		GK M5 Topic A: Count 10 Ones and Some Ones GK M5 Topic B: Compose Numbers 11 to 20 from 10 Ones and Some Ones; Represent and Write Teen Numbers GK M5 Topic B: Decompose Numbers 11 to 20 and Count to Answer "How many?" Questions in Varied Configurations GK M5 Topic D: Extend the Say Ten and Regular Count Sequence to 100
	MA.K.NSO.2.3 Locate, order and compare numbers from 0 to 20 using the number line and terms less than, equal to or greater than.		GK M1 Topic G: 1 More Than with Numbers 0 to 10 GK M1 Topic H: 1 Less Than with Numbers 0 to 10 GK M5 Topic E: Represent and Apply Compositions and Decompositions of Teen Numbers

Strand	Benchmark	Aligned Components of *Eureka Math*
	Standard: MA.K.NSO.3 **Develop an understanding of addition and subtraction operations with one-digit whole numbers.**	
	MA.K.NSO.3.1 Explore addition of two whole numbers from 0 to 10 and related subtraction facts.	GK M4 Topic B: Addition with Totals of 6, 7 and 8 GK M4 Topic D: Subtraction from Numbers to 8 GK M4 Topic E: Decompositions of 9 and 10 into Number Pairs GK M4 Topic F: Addition with Totals of 9 and 10 GK M4 Topic G: Subtraction from 9 and 10
	MA.K.NSO.3.2 Add two one-digit whole numbers with sums from 0 to 10 and subtract using related facts with procedural reliability.	GK M4 Topic B: Addition with Totals of 6, 7 and 8 GK M4 Topic D: Subtraction from Numbers to 8 GK M4 Topic E: Decompositions of 9 and 10 into Number Pairs GK M4 Topic F: Addition with Totals of 9 and 10 GK M4 Topic G: Subtraction from 9 and 10

Strand	Benchmark	Aligned Components of *Eureka Math*
Algebraic Reasoning	**Standard: MA.K.AR.1** **Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.**	
	MA.K.AR.1.1 For any number from 1 to 9, find the number that makes 10 when added to the given number.	GK M4 Topic E: Decompositions of 9 and 10 into Number Pairs GK M4 Topic F: Addition with Totals of 9 and 10 GK M4 Topic H: Patterns with Adding 0 and 1 and Making 10
	MA.K.AR.1.2 Given a number from 0 to 10, find the different ways it can be represented as the sum of two numbers.	GK M1 Topic B: Numbers to 5 in Different Configurations, Math Drawings and Expressions GK M4 Topic A: Compositions and Decompositions of 2, 3, 4 and 5 GK M4 Topic B: Decompositions of 6, 7 and 8 into Number Pairs GK M4 Topic E: Decompositions of 9 and 10 into Number Pairs

Strand	Benchmark	Aligned Components of *Eureka Math*
Measurement	**Standard: MA.K.M.1** **Identify and compare measurable attributes of objects.**	
	MA.K.M.1.1 Identify the attributes of a single object that can be measured such as length, volume or weight.	GK M3 Topic A: Comparison of Length and Height GK M3 Topic B: Comparison of Length and Height of Linking Cube Sticks Within 10 GK M3 Topic B: Comparison of Weight GK M3 Topic D: Comparison of Volume
	MA.K.M.1.2 Directly compare two objects that have an attribute which can be measured in common. Express the comparison using language to describe the difference.	GK M1 Topic A: Attributes of Two Related Objects GK M1 Topic B: Classify to Make Categories and Count GK M3 Topic A: Comparison of Length and Height GK M3 Topic B: Comparison of Length and Height of Linking Cube Sticks within 10 GK M3 Topic B: Comparison of Weight GK M3 Topic D: Comparison of Volume

Strand	Benchmark	Aligned Components of *Eureka Math*
	MA.K.M.1.3 Express the length of an object, up to 20 units long, as a whole number of lengths by laying non-standard objects end to end with no gaps or overlaps.	G1 M3 Lesson 4: Express the length of an object using centimeter cubes as length units to measure with no gaps or overlaps. G1 M3 Lesson 7: Measure the same objects from Topic B with different nonstandard units simultaneously to see the need to measure with a consistent unit.
Geometry	**Standard: MA.K.GR.1** **Identify, compare and compose two- and three-dimensional figures.**	
	MA.K.GR.1.1 Identify two- and three-dimensional figures regardless of their size or orientation. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	GK M2 Topic A: Two-Dimensional Flat Shapes GK M2 Topic B: Three-Dimensional Solid Shapes
	MA.K.GR.1.2 Compare two-dimensional figures based on their similarities, differences and positions. Sort two-dimensional figures based on their similarities and differences. Figures are limited to circles, triangles, rectangles and squares.	GK M2 Topic B: Two-Dimensional and Three-Dimensional Shapes
	MA.K.GR.1.3 Compare three-dimensional figures based on their similarities, differences and positions. Sort three-dimensional figures based on their similarities and differences. Figures are limited to spheres, cubes, cones and cylinders.	GK M2 Topic B: Two-Dimensional and Three-Dimensional Shapes

Strand	Benchmark	Aligned Components of *Eureka Math*
	MA.K.GR.1.4 Find real-world objects that can be modeled by a given two- or three-dimensional figure. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	GK M2 Topic A: Two-Dimensional Flat Shapes GK M2 Topic B: Three-Dimensional Solid Shapes
	MA.K.GR. 1.5 Combine two-dimensional figures to form a given composite figure. Figures used to form a composite shape are limited to triangles, rectangles and squares.	G1 M6 Lesson 6: Create a composite shape from three-dimensional shapes and describe the composite shape using shape names and positions.
Data Analysis and Probability	**Standard: MA.K.DP.1** **Develop an understanding for collecting, representing and comparing data.**	
	MA.K.DP.1.1 Collect and sort objects into categories and compare the categories by counting the objects in each category. Report the results verbally, with a written numeral or with drawings.	GK M1 Topic A: Attributes of Two Related Objects GK M1 Topic B: Classify to Make Categories and Count