



**Georgia's K-12
Mathematics Standards
Curriculum Map**

2026 – 2027

KINDERGARTEN MATH

FCS KINDERGARTEN MATH CURRICULUM MAP

Georgia's K-8 Mathematics Standards

Semester 1				Semester 2			
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8
Numerical Reasoning: Understanding Numbers Within 10 in My World	Geometric & Spatial Reasoning: 2-D Shapes in My World	Numerical Reasoning: How Many? (Numbers Up to 20)	Numerical Reasoning: Using Numbers Within 20	Numerical Reasoning: Understanding and Using Addition and Subtraction in My Life	Geometric & Spatial Reasoning: 3-D Shapes in My World	Measurement & Data Reasoning: Using Numbers and Data to Make Sense of My World	Culminating Capstone Unit
18 Days	18 Days	26 Days	21 Days	42 Days	17 Days	23 Days	5 Days
<u>Unit Dates</u> 8/5/2026 - 8/28/2026	<u>Unit Dates</u> 8/31/2026 - 10/1/2026	<u>Unit Dates</u> 10/2/2026 - 11/10/2026	<u>Unit Dates</u> 11/11/2026 - 12/16/2026	<u>Unit Dates</u> 1/5/2027 - 3/11/2027	<u>Unit Dates</u> 3/12/2027 - 4/13/2027	<u>Unit Dates</u> 4/14/2027 - 5/14/2027	<u>Unit Dates</u> 5/17/2027 - 5/21/2027
Learning Expectations K.NR.1.1* K.NR.1.2* K.NR.2.1* K.NR.4.1* K.NR.4.2 K.MDR.7.3	Learning Expectations K.NR.2.1* K.GSR.8.1 K.GSR.8.2 K.GSR.8.3 K.GSR.8.4 K.MDR.7.2 K.PAR.6.1	Learning Expectations K.NR.1.1 K.NR.1.2 K.NR.1.3 K.NR.1.4 K.NR.2.1* K.NR.4.1 K.NR.4.2	Learning Expectations K.NR.1.1 K.NR.1.2 K.NR.2.1 K.NR.2.2 K.NR.3.1 K.NR.4.1	Learning Expectations K.NR.1.4 K.NR.2.1 K.NR.5.1 K.NR.5.2 K.NR.5.3 K.NR.5.4 K.PAR.6.1 K.MDR.7.3	Learning Expectations K.GSR.8.1 K.GSR.8.2 K.GSR.8.3 K.GSR.8.4 K.MDR.7.1 K.MDR.7.2 K.MDR.7.3 K.PAR.6.2	Learning Expectations K.NR.3.1 K.NR.5.1 K.NR.5.2 K.NR.5.3 K.NR.5.4 K.PAR.6.1 K.PAR.6.2 K.MDR.7.3	Learning Expectations All Standards
K.MP.1-8	K.MP.1-8	K.MP.1-8	K.MP.1-8	K.MP.1-8	K.MP.1-8	K.MP.1-8	K.MP.1-8
The Framework for Statistical Reasoning , Mathematical Modeling Framework , and the K-12 Mathematical Practices should be taught throughout the units.							

Curriculum Map Key

An * indicates to refer to the unit details below for specific instructional and assessment expectations.

Unit 1: Numerical Reasoning: Understanding Numbers Within 10 in My World

18 Days

Unit Dates: 8/5/2026 - 8/28/2026

K.NR.1: Demonstrate and explain the relationship between numbers and quantities up to 20; connect counting to cardinality (the last number counted represents the total quantity in a set).

K.NR.2: Use count sequences within 100 to count forward and backward in sequence.

K.NR.4: Identify, write, represent, and compare numbers up to 20.

K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects.

K.NR.1.1*: Count up to 20 objects in a variety of structured arrangements and up to 10 objects in a scattered arrangement (*Count up to 10 objects).

K.NR.1.2*: When counting objects, explain that the last number counted represents the total quantity in a set (cardinality), regardless of the arrangement and order (*Count up to 10 objects).

K.NR.2.1*: Count forward to 100 by tens and ones and backward from 20 by ones. (*Counting by tens is not an expectation in Unit 1. Students will only count backward from 10.)

K.NR.4.1*: Identify written numerals 0-20 and represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects), (*Identify and represent numerals 0-10).

K.NR.4.2 Compare two sets of up to 10 objects and identify whether the number of objects in one group is more or less than the other group using the words “greater than,” “less than,” or “the same as.”

K.MDR.7.3: Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

Unit 2: Geometric & Spatial Reasoning: 2-D Shapes in My World

18 Days

Unit Dates: 8/31/2026 – 10/1/2026

K.GSR.8: Identify, describe, and compare basic shapes encountered in the environment, and form two-dimensional shapes and three-dimensional figures.

K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects.

K.PAR.6: Explain, extend, and create repeating patterns with a repetition not exceeding 4 and describe patterns involving the passage of time.

K.NR.2.1*: Count forward to 100 by tens and ones and count backward from 20 by ones (*Count forward to at least 40 and count backward from 10 by ones).

K.GSR.8.1: Identify, sort, classify, analyze, and compare two-dimensional shapes and three-dimensional figures in different sizes and orientations using informal language to describe their similarities, differences, number of sides and vertices, and other attributes.

K.GSR.8.2: Describe the relative location of an object using positional words.

K.GSR.8.3: Use basic shapes to represent specific shapes found in the environment by creating models and drawings.

K.GSR.8.4: Use two or more basic shapes to form larger shapes.

K.MDR.7.2: Classify and sort up to ten objects into categories by an attribute; count the number of objects in each category and sort the categories by count.

K.PAR.6.1: Create, extend, and describe repeating patterns with numbers and shapes and explain the rationale for the pattern.

Unit 3: Numerical Reasoning: How Many? (Numbers Up to 20)

26 Days

Unit Dates: 10/2/2026 - 11/10/2026

K.NR.1: Demonstrate and explain the relationship between numbers and quantities up to 20; connect counting to cardinality (the last number counted represents the total quantity in a set).

K.NR.2: Use count sequences within 100 to count forward and backward in sequence.

K.NR.4: Identify, write, represent, and compare numbers up to 20.

K.NR.1.1: Count up to 20 objects in a variety of structured arrangements and up to 10 objects in a scattered arrangement.

K.NR.1.2: When counting objects, explain that the last number counted represents the total quantity in a set (cardinality), regardless of the arrangement and order.

K.NR.1.3 Given a number from 1-20, identify the number that is one more or one less.

K.NR.1.4: Identify pennies and dimes and know their name and value.

K.NR.2.1*: Count forward to 100 by tens and ones and backward from 20 by ones (*Count forward to at least 75 by ones, count backward from 20 by ones, and count to 50 by tens).

K.NR.4.1: Identify written numerals 0-20 and represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).

K.NR.4.2: Compare two sets of up to 10 objects and identify whether the number of objects in one group is more or less than the other group using the words "greater than," "less than," or "the same as."

Unit 4: Numerical Reasoning: Using Numbers Within 20

21 Days

Unit Dates: 11/11/2026 - 12/16/2026

K.NR.1: Demonstrate and explain the relationship between numbers and quantities up to 20; connect counting to cardinality (the last number counted represents the total quantity in a set).

K.NR.2: Use count sequences within 100 to count forward and backward in sequence.

K.NR.3: Use place value understanding to compose and decompose numbers from 11-19.

K.NR.4: Identify, write, represent, and compare numbers up to 20.

K.NR.1.1: Count up to 20 objects in a variety of structured arrangements and up to 10 objects in a scattered arrangement.

K.NR.1.2: When counting objects, explain that the last number counted represents the total quantity in a set (cardinality), regardless of the arrangement and order.

K.NR.2.1: Count forward to 100 by tens and by ones and backwards from 20 by ones.

K.NR.2.2: Count forward beginning from any number within 100 and count backward from any number within 20.

K.NR.3.1: Describe numbers from 11 to 19 by composing (putting together) and decomposing (breaking apart) the numbers into ten ones and some more ones.

K.NR.4.1: Identify written numerals 0-20 and represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).

Unit 5: Numerical Reasoning: Understanding and Using Addition and Subtraction in My Life

42 Days

Unit Dates: 1/5/2027 - 3/11/2027

K.NR.5: Explain the concepts of addition, subtraction, and equality and use these concepts to solve real-life problems within 10.

K.PAR.6: Explain, extend, and create repeating patterns with a repetition not exceeding 4 and describe patterns involving the passage of time.

K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects.

K.NR.1.4: Identify pennies, nickels, and dimes and know their name and value.

K.NR.2.1 : Count forward to 100 by tens and ones and backward from 20 by ones.

K.NR.5.1: Represent addition and subtraction within 10 from a given context using a variety of representations and strategies.

K.NR.5.2: Use a variety of strategies to solve addition and subtraction problems within 10.

K.NR.5.3: Compose (put together) and decompose (break apart) numbers up to 10 using objects and drawings.

K.NR.5.4: Fluently add and subtract within 5 using a variety of strategies to solve practical, mathematical problems.

K.PAR.6.1: Create, extend, and describe repeating patterns with numbers and shapes and explain the rationale for the pattern.

K.MDR.7.3: Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

Unit 6: Geometric & Spatial Reasoning: 3-D Shapes in My World

17 Days

Unit Dates: 3/12/2027 - 4/13/2027

K.GSR.8: Identify, describe, and compare basic shapes encountered in the environment, and form two-dimensional shapes and three-dimensional figures.

K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects.

K.PAR.6: Explain, extend, and create repeating patterns with a repetition, not exceeding 4 and describe patterns involving the passage of time.

K.GSR.8.1: Identify, sort, classify, analyze, and compare two-dimensional shapes and three-dimensional figures in different sizes and orientations using informal language to describe their similarities, differences, number of sides and vertices, and other attributes.

K.GSR.8.2: Describe the relative location of an object using positional words.

K.GSR.8.3: Use basic shapes to represent specific shapes found in the environment by creating models and drawings.

K.GSR.8.4: Use two or more basic shapes to form larger shapes.

K.MDR.7.1: Directly compare, describe, and order common objects using measurable attributes (length, height, width, or weight) and describe the difference.

K.MDR.7.2: Classify and sort up to ten objects into categories by an attribute; count the number of objects in each category and sort the categories by count.

K.MDR.7.3: Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

K.PAR.6.2: Describe patterns involving the passage of time using words and phrases related to actual events.

Unit 7: Measurement & Data Reasoning: Using Numbers and Data to Make Sense of My World

23 Days

Unit Dates: 4/14/2027 - 5/14/2027

K.NR.3: Use place value understanding to compose and decompose numbers from 11-19.

K.NR.5: Explain the concepts of addition, subtraction, and equality and use these concepts to solve real-life problems within 10.

K.PAR.6: Explain, extend, and create repeating patterns with a repetition, not exceeding 4 and describe patterns involving the passage of time.

K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects.

K.NR.3.1: Describe numbers from 11 to 19 by composing (putting together) and decomposing (breaking apart) the numbers into ten ones and some more ones.

K.NR.5.1: Compose (put together) and decompose (break apart) numbers up to 10 using objects and drawings.

K.NR.5.2: Represent addition and subtraction within 10 from a given authentic situation using a variety of representations and strategies.

K.NR.5.3: Use a variety of strategies to solve addition and subtraction problems within 10.

K.NR.5.4: Fluently add and subtract within 5 using a variety of strategies to solve real-life, mathematical problems.

K.PAR.6.1: Create, extend, and describe repeating patterns with numbers and shapes and explain the rationale for the pattern.

K.PAR.6.2: Describe patterns involving the passage of time using words and phrases related to actual events.

K.MDR.7.3: Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

Unit 8: Culminating Capstone Unit

5 Days

Unit Dates: 5/17/2027 - 5/21/2027

ALL Standards Addressed in this Unit

The capstone unit applies content that has already been learned in previous interdisciplinary PBLs and units throughout the school year. The capstone unit is an interdisciplinary unit that allows students to create a presentation, report, or demonstration that could include their models used to answer an overarching driving question. (e.g., Students can present their solution(s), findings, project, or answer to the driving question to a larger audience during the culminating capstone unit.)