

Grade K Priority Standards

Counting and Cardinality

K.CC.1- Count to 100 by ones and tens.

K.CC.2- Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

K.CC.3- Write numbers from 0-20. Represent a number of objects with a written numeral 0-20.

K.CC.4- Understand the relationship between numbers and quantities; connect counting to cardinality.

K.CC.5- Count to answer “how many” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered dot configuration; given a number from 1-20, count out that many objects

K.CC.6- Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group by using matching and counting strategies.

K.CC.7- Compare two numbers between 1 and 10 presented as written numbers.

Operations and Algebraic Thinking

K.OA.1- represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.

K.OA.2- Solve addition and subtraction word problems, and add and subtract within 10 by using objects or drawings to represent the problem.

K.OA.3- Decompose numbers less than or equal to 10 into pairs in more than one way (objects, drawings, or equations)

K.OA.4- For any number from 1 to 9, find the number that makes 10 when added to the given number, by using objects or drawings, and record the answer with a drawing or equation.

K.OA.5- Fluently add and subtract within 5.

Number and Operations in Base Ten

K.NBT.1- Compose and decompose numbers from 11 to 20 into ten ones and some further ones, by using objects or drawings, and record each with a drawing or equation; understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Measurement and Data

K.MD.3- Classify objects into given categories; count the number of objects in each category, and sort the categories by count.

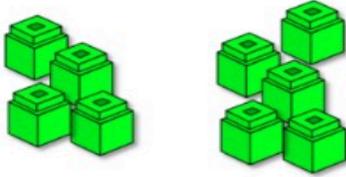
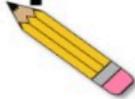
Geometry

K.G.1- Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to

K.G.2- Correctly name shapes regardless of their orientations or overall size.

K.G.4- Analyze and compare 2-D and 3-D shapes in different sizes and orientations, using informal language to describe their similarities, differences, parts, and other attributes.

CRA Sequence of Instruction

CONCRETE	REPRESENTATIONAL	ABSTRACT
Students use hands-on, concrete objects.	Students draw shapes, x's and o's or tally marks to 'represent' concrete objects.	Students use numerals and equations to describe the concrete.
		$5 + 4 = 9$ 

Eureka Math
[Edreports.org](https://www.eureka-math.org/)

Module 1
 Numbers to 10

Module 1 welcomes students into a safe, engaging learning environment focused on foundational number concepts. The module integrates hands-on, visual, and verbal experiences to establish strong early numeracy foundations.

Module 2
 Two-Dimensional and
 Three-Dimensional
 Shapes

Module 2 helps students build on their early work with numbers and classification by exploring two- and three-dimensional shapes in their environment.

Module 3
 Comparison of Length,
 Weight, Capacity, and
 Numbers to 10

Module 3 helps students build on shape classification to compare and analyze length, weight, capacity, and numbers using language like longer than, heavier than, more than, and the same as. This work supports developing number sense by connecting measurement with concepts like place value (e.g., relating cups of rice to larger units). It also lays foundational skills for precise measurement using rulers and number lines, informal area concepts, and understanding equivalence and comparative language, preparing students for more advanced measurement and comparison in later grades.

Module 4
 Number Pairs, Addition,
 and Subtraction to 10

Module 4 introduces Kindergarten students to addition and subtraction, building on their counting skills and understanding of numbers. This module lays a strong foundation for early arithmetic through hands-on, visual, and verbal learning experiences.

Module 5 Numbers 10-20
 and Counting to 100

Module 5 deepens student's understanding of teen numbers and counting to 100 by building on their prior work with numbers to 10. This module builds a strong foundation for place value understanding and number sense through hands-on, visual, and verbal experiences.

Module 6
 Analyzing, Comparing and
 Composing Shapes

Module 6 concludes the year with a geometry-focused module that deepens students' spatial reasoning and lays groundwork for understanding area through composing and decomposing shapes. Through hands-on exploration of composition and decomposition, students grasp how smaller units form larger ones—an essential idea supporting future work in area and place value—preparing them for Grade 1 concepts and beyond.

