Missouri Mathematics

Grade K

Adopted 2016

Number Sense

A. Know number names and count sequence. K.NS.A

1. Count to 100 by ones and tens. K.NS.A.1
2. Count forward beginning from a given number between 1 and 20. K.NS.A.2
3. Count backward from a given number between 10 and 1. K.NS.A.3
4. Read and write numerals and represent a number of objects from 0 to 20. K.NS.A.4

B. Understand the relationship between numbers and quantities; connect counting to cardinality. K.NS.B

5. Say the number names when counting objects, in the standard order, pairing each object with one and only one number name and each number name with one and only one object. K.NS.B.5
6. Demonstrate that the last number name said tells the number of objects counted and the number of objects is the same regardless of their arrangement or the order in which they were counted. K.NS.B.6
7. Demonstrate that each successive number name refers to a quantity that is one larger than the previous number. K.NS.B.7
8. Recognize, without counting, the quantity of groups up to 5 objects arranged in common patterns. K.NS.B.8
9. Demonstrate that a number can be used to represent "how many" are in a set. K.NS.B.9

C. Compare numbers. K.NS.C

10. Compare two or more sets of objects and identify which set is equal to, more than or less than the other. K.NS.C.10
11. Compare two numerals, between 1 and 10, and determine which is more than or less than the other. K.NS.C.11

Number Sense and Operations in Base Ten

A. Work with numbers 11–19 to gain foundations for place value. K.NBT.A

1. Compose and decompose numbers from 11 to 19 into sets of tens with additional ones. K.NBT.A.1

Re Alg

Skip to main content

Understand addition as putting together or adding to, and understand subtraction as taking apart or taking from. K.RA.A

1. Represent addition and subtraction within 10. K.RA.A.1
2. Demonstrate fluency for addition and subtraction within 5. K.RA.A.2
3. Decompose numbers less than or equal to 10 in more than one way. K.RA.A.3
4. Make 10 for any number from 1 to 9. K.RA.A.4

Geometry and Measurement

A. Reason with shapes and their attributes. K.GM.A

1. Describe several measureable attributes of objects. K.GM.A.1
2. Compare the measurable attributes of two objects. K.GM.A.2

B. Work with time and money. K.GM.B

3. Demonstrate an understanding of concepts of time and devices that measure time. K.GM.B.3
4. Name the days of the week. K.GM.B.4
5. Identify pennies, nickels, dimes and quarters. K.GM.B.5

C. Analyze squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders and spheres. K.GM.C

6. Identify shapes and describe objects in the environment using names of shapes, recognizing the name stays the same regardless of orientation or size. K.GM.C.6
7. Describe the relative positions of objects in space. K.GM.C.7
8. Identify and describe the attribute of shapes, and use the attributes to sort a collection of shapes. K.GM.C.8
9. Draw or model simple two-dimensional shapes. K.GM.C.9
10. Compose simple shapes to form larger shapes using manipulatives. K.GM.C.10

Data and Statistics

A. Classify objects and count the number of objects in each category. K.DS.A

1. Classify objects into given categories; count the number of objects in each category. K.DS.A.1
2. Compare category counts using appropriate language. K.DS.A.2