

Kindergarten Mathematics Georgia Performance Standards

Numbers and Operations

MKN1 Students will connect numerals to the quantities they represent.

a. Count a number of objects up to 30.

[Episode 209](#)

b. Produce models for number words through ten.

[Episode 201](#)

c. Write numerals through 20 to label sets.

d. Sequence and identify using ordinal numbers (1st-10th).

e. Compare two or more sets of objects (1-10) and identify which set is equal to more than, or less than the other.

[Episode 201](#)

f. Estimate quantities using five and ten as benchmarks. (e.g., 9 is one five and four more. It is closer to two fives or one 10 than it is to one five.).

[Episode 201](#)

[Episode 203](#)

[Episode 204](#)

g. Use informal strategies to share objects equally (divide) between two to three people or sets.

h. Identify coins by name and value (penny, nickel, dime, and quarter).

i. Count out pennies to buy items that together cost less than 30 cents.

j. Make fair trades involving combinations of pennies and nickels or pennies and dimes.

MKN2 Students will use representations to model addition and subtraction.

a. Use counting strategies to find out how many items are in two sets when they are combined.

b. Build number combinations up to 10 (e.g., 4 and 1, 2 and 3, 3 and 2, 4 and 1 for five) and for doubles to 10 (3 and 3 for six).

c. Use objects, pictures, numbers, or words to create, solve, and explain story problems for two numbers that are each less than 10.

Measurement

MKM1 Students will group objects according to common properties such as color, shape, texture, or number.

[Episode 203](#)

[Episode 208](#)

[Episode 209](#)

- a. Compare and order objects on the basis of length.
- b. Compare and order objects on the basis of capacity.
- c. Compare and order objects on the basis of height.
- d. Compare and order objects on the basis of weight.

[Episode 201](#)

MKM2 Students will understand the measurement of calendar time.

[Episode 212](#)

- a. Know the names of the days of the week.

[Episode 220](#)

- b. Know the months of the year.
- c. Know the four seasons.

MKM3 Students will tell time as it relates to a daily schedule.

- a. Order daily events.
- b. Tell the time when daily events occur, such as lunch, to the nearest hour.
- c. Know the name of the day of the week when weekly events occur in class.

Geometry

MKG1 Students will correctly name simple two and three-dimensional figures, and recognize them in the environment.

- a. Recognize and name the following basic two-dimensional shapes: triangles, rectangles, squares, and circles.

[Episode 202](#)

[Episode 215](#)

[Episode 220](#)

- b. Recognize and name the following three-dimensional shapes: spheres (balls) and cubes.

[Episode 215](#)

c. Observe concrete objects in the environment and represent the objects using basic shapes, such as drawing a representation of a house using a square together with a triangle for the roof.

d. Combine basic shapes into basic and more complicated shapes, and decompose basic shapes into combinations of basic shapes.

e. Compare geometric shapes and identify similarities and differences of the following two and three-dimensional shapes: triangles, rectangles, squares, circles, spheres, and cubes.

MKG2 Students will understand basic positional relationships.

a. Identify when an object is beside another object, above another object, or below another object.

b. Identify when an object is in front of another object, behind another object, inside another object, or outside it.

MKG3 Students will identify, create, extend, and transfer patterns from one representation to another using actions, objects, and geometric shapes.

[Episode 214](#)

a. Identify a missing shape within a given pattern of geometric shapes.

b. Extend a given pattern, and recognize similarities in different patterns

[Episode 202](#)

[Episode 208](#)