



MATH NEWS

Volume 2

Kindergarten Math

2nd 9 Weeks

2nd 9 Weeks

Math Parent Letter

This newsletter is designed to give parents and students a better understanding of the math concepts found in the Georgia Standards of Excellence. During this second nine weeks your child will continue to rote count and develop their understanding of numbers. We will begin using story or word problems to teach the concept of addition and subtraction.

COUNTING GOALS

- ❖ SAY NUMBER NAMES WHILE COUNTING TO 88.
- ❖ COUNT TO TELL THE NUMBER OF OBJECTS UP TO 20.

NUMBER GOALS

- ❖ WRITE NUMBERS 0-20.
- ❖ MODEL AND UNDERSTAND THE CONCEPT OF PART-PART WHOLE ADDITION.
- ❖ DECOMPOSE NUMBERS LESS THAN OR EQUAL TO 5.

GEOMETRY GOALS

- ❖ IDENTIFY SHAPES AS FLAT OR SOLID.
- ❖ COMPARE TWO-DIMENSIONAL AND THREE-DIMENSIONAL SHAPES.

MEASUREMENT/DATA GOALS

- ❖ CLASSIFY AND SORT SHAPES.
- ❖ COUNT THE NUMBER OF OBJECTS IN EACH CATEGORY.

VOCABULARY

THIS LIST IS NOT INTENDED FOR MEMORIZATION. IT IS A GUIDE TO HELP YOU UNDERSTAND THE LANGUAGE OF THE CLASSROOM.

Attribute- a characteristic of an object such as color, shape, size, etc.

Classify- sort into categories or groups.

Combine- put together or join sets.

Count- name units of a group one by one.

Counters- any object used for counting (cubes, beans, cereal, pennies, etc.).

Digit- any of the symbols 0,1,2,3,4,5,6,7,8,9.

Positional words- Words that describe a location (above, below, beside, next to, in front of, behind).

Number- indicates "how many?" or "how much?"

Numeral- a symbol used to represent a number (e.g. six, 6).

Rote Counting- to say numbers in correct sequence.

Counting Focus

~ Students will count orally and recognize patterns in the number sequence.

~ Students will count orally each day, focusing on the number of days in school. By the end of the nine week grading period (December 15th) they will rote count to 87.

~ Students will learn to move individual objects as they say each number word. This will help to develop one-to-one correspondence.

~ Students will count out sets of objects up to 20.

~ Students will need several ongoing experiences with counting different objects at school and home.

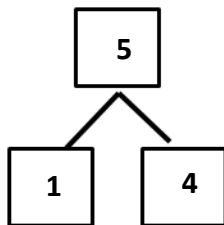
Number Focus

- ~Students will write numbers 0 to 20.
- ~ Students will understand the relationship between numbers and quantities.
- ~ Students will count to answer “how many?”.
- ~Students will begin to develop an understanding that smaller sets of objects exist within larger sets. (Ex. 5 can be created by combining 3 and 2 or 4 and 1.)
- ~Students will model addition and subtraction word problems within 5 using objects, pictures, words and numbers. (At this time students will not write equations.)
- ~Students will decompose numbers less than or equal to 5 using number bonds.



Number Bond-

A number bond shows the relationship between a number and the parts that combine to make it.












Measurement and Data Focus

- ~Students will classify or sort objects into groups.
- ~ Students will count to record the number of classified objects.
- ~ Students will count to answer “how many?” in a sorted group.

Geometry Focus

- ~Students will identify two-dimensional shapes as flat or three-dimensional as a solid.
- ~ Students will compare two-dimensional and three-dimensional shapes. (Ex. Different sizes, number of sides and corners)

 Square	 Rectangle
 Circle	 Triangle
 Hexagon	 Cube
 Sphere	 Cylinder
 Cone	

Suggested activities for home practice...

Suggestions for counters: pennies, buttons, cereal, dry beans, stickers, popcorn, small toys, skittles, etc.



- ✓ Look for shapes in your home and name which ones are flat and solid.
- ✓ Sort buttons, socks, toys, coins, etc.
- ✓ Practice counting out 20 pennies from a pile.
- ✓ Write numbers 0-20.
- ✓ Always ask how many they counted after counting a set or group.
- ✓ Practice describing the location of objects using positional words.
- ✓ Tell story problems such as, I have 4 pennies and you have 1 penny. How many pennies do we have?
- ✓ Ask your child to show you a certain amount, such as 2 books, 4 crayons, etc.