MATH NEWS

Volume 1 | 1st Grade Math | 1st 9 Weeks – Unit 1

Math Parent Letter

Welcome back! We hope you had a fun and restful summer. We are so excited to begin a new year, and seeing your child's mathematical knowledge grow. This newsletter is designed to give parents and students a better understanding of the math concepts found in the Georgia Standards of Excellence. In Unit 1, we will work on counting, writing and reading numbers to 100. We will also solve word problems within 10 using objects, drawings, and equations. We will identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. We look forward to teaching your child and helping him or her master these standards.

Unit 1 Goals

- Count to 100, write numbers to 99, and read numbers to 100.
- Compare two numbers as written numerals or sets of objects.
- Solve addition and subtraction word problems to 10.
- Interpret data on a graph, chart, or table.
- Decompose numbers less than and equal to 10.
- Fluently add and subtract within 5.
- For any number 1-9, find the number that makes 10.

Words to Know:

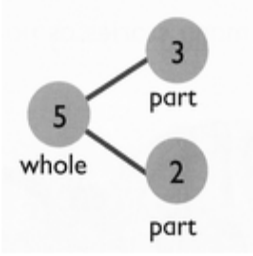
- Group of Ten – a collection of 10 objects
- Compare - More than, less than, equal to
- Number Bond – shows the whole and parts of a number
- Count On – count from one number to the total.
- Chart/ Table – a way to organize data
- Data – a collection of information
- Expression – a math phrase (ex. 5 + 5)
- Equation – a math sentence with an equal sign (ex. 5 + 5 = 10)

Combinations

Students will focus on the skill of composing (putting together) and decomposing (breaking apart) numbers.

Use a number bond to show number relationships/combinations.

***A number bond shows the whole and parts of a number.**



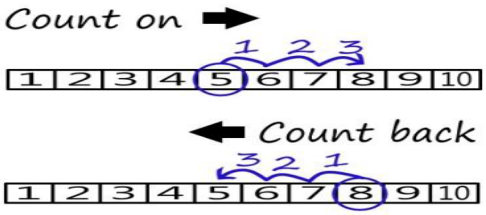
***Equations can be created to represent a number bond.**

2 + 3 = 5
3 + 2 = 5
5 – 2 = 3
5 – 3 = 2

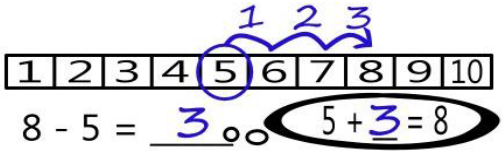
Counting On and Back

Students will use the *number track* to count on and count back from a given number.

5 + ☐ = 8 **8 - ☐ = 5**



Circle the 5 to show that it is the starting point. Count on, drawing a line to each number said. Then count the number of jumps it takes to reach 8.

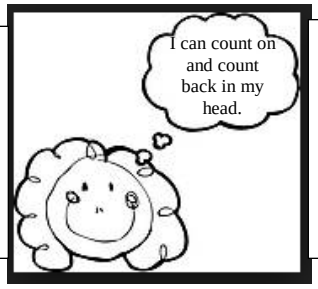


Students will solve a variety of addition and subtraction situations up to 10:

Add To Result Unknown *Join*	Take From Result Unknown *Separate*	Put Together/Take Apart Total Unknown *Part-Whole*	Put Together/Take Apart Both Addends Unknown *Part-Whole*
Two bunnies sat on the grass. Three more bunnies hopped there. How many bunnies are on the grass now? 2 + 3 =? **K**	Five apples were on the table. I ate two apples. How many apples are on the table now? 5 – 2 =? **K**	Three red apples and two green apples are on the table. How many apples are on the table? 3 + 2 =? **K**	Grandma has 9 flowers. How many can she put in her red vase and how many in her blue vase? 9 = ? + ? **K**
Add To Change Unknown Join	**Take From Change Unknown Separate**	**Put Together/Take Apart Addend Unknown Part-Whole**	
Two bunnies were sitting on the grass. Some more bunnies hopped there. Then there were five bunnies. How many bunnies hopped over to the first two? 2 + ? = 5 **1st**	Five apples were on the table. I ate some apples. Then there were three apples. How many apples did I eat? 5 – ? = 3 **1st**	Five apples are on the table. Three are red and the rest are green. How many apples are green? 3 + ? = 5, 5 – 3 = ? **1st**	

Strategies for Addition and Subtraction within 10

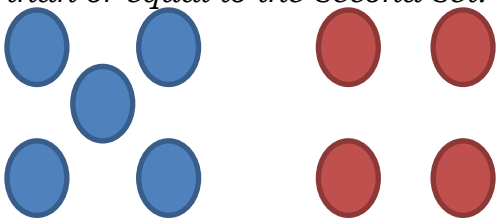
5 + 2 = ___
Keep the greater number in your head, and count on.



5 - 2 = ___
Keep the greater number in your head, and count back.

Comparing Sets of Objects and Written Numerals

Is the first set greater than, less than or equal to the second set?



Is the first number greater than, less than, or equal to the second number?

7 3

Counting to 100

Students will rote count to 100, write numbers to 99, and read numerals to 100.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Kindergarten Goal: Students will fluently add and subtract within 5.
(This will be reassessed at the end of Unit 1.)

First Grade Goal: Students will fluently add and subtract within 10.
(This will be assessed during Unit 2 and periodically throughout the year.)

Images from Lafayette Parish School System