Dear Parents

Welcome to the end of the school year! We are eager to work with you and your students as we learn new mathematical concepts. The State of Georgia is using Mathematics Georgia Standards of Excellence (MGSE) that call for students to be actively engaged in the learning process. During this student’s learning focus will be adding and subtracting numbers.

Concepts Students Will Use and Understand

- Represent the combining of two sets within 10
- Represent the separating of a set into two sets within 10
- Model addition and subtraction problem situations using various representations
- Represent number combinations up to 10
- Decomposing and composing Numbers within 10

Vocabulary

- Combine: put sets together, join sets, add
- Separate: take away, remove, subtract
- Quantity: the amount of objects


Example 1

**Make Ten Facts**

These pairs of #'s make 10.

- 1+9=10
- 2+8=10
- 3+7=10
- 4+6=10
- 5+5=10

Example 2

Combine and separate two sets with different household items. Reinforce symbols and definitions.
Activities to try at home

- Gather 10 pennies and ask your child to separate them into two sets. Help them understand the combinations.
- Suggest subtraction problems to your child and allow them to model the problem with objects.
- Students may use observation to compare two quantities (e.g., by looking at two sets of objects, they may be able to tell which set has more or less without counting).
- Compose and decompose 10 objects in different ways, e.g. Mom has a vase of 10 flowers. The flowers are red and purple. How many different combinations of red and purple flowers can there be? Draw a picture of all your ideas.
- Tell students story problems and have them represent addition and subtraction with objects (such as beans, buttons) or by drawing. An example of a story problem might be – My dog has 3 bones. My uncle gives him 2 more.