MATH NEWS

1st Grade Math

Module 1: Sums and Differences to 10
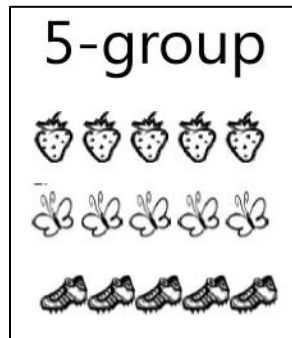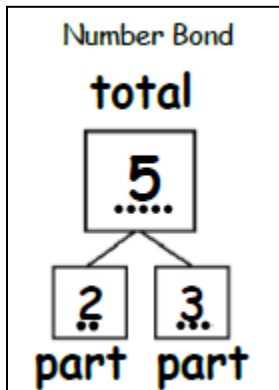
Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 1 of Eureka Math (Engage New York) covers Sums and Differences to 10. This newsletter will discuss Module 1, Topic A.

Topic A. Embedded Numbers and Decompositions

Words to know

- 5 – group
- One more than
- Number bond
- Count on

Things to Remember!

Number bond – shows the whole and the parts of a number
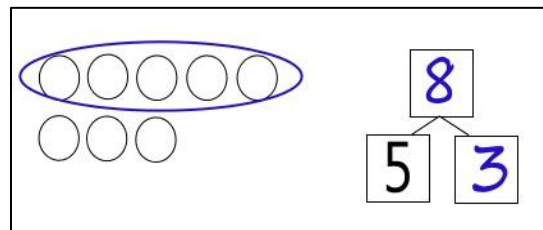
5 – group – a row of five items

Count on – count from one number to the total. Example: 2 + 3 = 5. Start at the larger number (3) and count 2 more (4, 5). Think 3 count 4, 5.
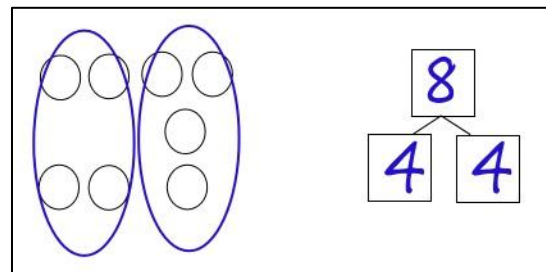
Focus Area– Topic A

Embedded Numbers and Decomposition

Instead of counting all objects, students will work on **counting on**. Students will review parts of the numbers 1-5 and analyze and describe embedded numbers (to 10) using a 5-group configuration, focusing on parts of 6, 7, 8, and 9. By seeing numbers as a subset of 5 and another subset, this will help with addition and subtraction.

Circle 5 and make a number bond.

Students will also reason about embedded numbers in varied configurations using number bonds:

Number Bond Dashes will be done in order to provide fluency when decomposing numbers. Students will see and describe numbers of objects using 1 more within 5-group configurations. The sentence frame "1 more than ___ is ___ and ___ is **1 more than ___**."

Draw one more in the 5-group. In the box, write the number to describe the new picture.

OBJECTIVE OF TOPIC A

1 Analyze and describe embedded numbers (to 10) using 5-groups and number bonds.

2 Reason about embedded numbers in varied configurations using number bonds.

3 See and describe numbers of objects using 1 more within 5-groups configurations.