



# MATH NEWS



LAFAYETTE  
PARISH SCHOOL SYSTEM

Grade 1, Module 1, Topic I

Fall 2014

## 1<sup>st</sup> 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 I.

Topic I: Decomposition for Subtraction

### Words to know:

- 5-group drawings
- doubles

### Things to Remember!

**5-group drawing:** groups of 5 are separated so that it is easier for students to see the different parts.



**doubles:** addition facts where the addends are the same number:

$$1 + 1 = 2, \quad 2 + 2 = 4, \quad 3 + 3 = 6, \quad 4 + 4 = 8, \quad 5 + 5 = 10$$

## OBJECTIVE OF TOPIC I

- 1 Model 0 less and 1 less pictorially and as subtraction number sentences.
- 2 Model  $n-n$  and  $n-(n-1)$  pictorially and as subtraction sentences.
- 3 Relate subtraction facts involving fives and doubles to corresponding decompositions.
- 4 Relate subtraction from ten to corresponding decompositions.
- 5 Relate subtraction from nine to corresponding decompositions.

## Focus Area– Topic I

*Decomposition for Subtraction*

Students will show taking away 0 and 1 using 5 group drawings and subtraction number sentence.



$$8 - 0 = 8$$



$$8 - 1 = 7$$

Students will also show taking a number from itself, as well as taking away a number that is one less than the whole, using 5-group drawings and subtraction number



$$9 - 9 = 0$$



$$9 - 8 = 1$$

Students will use subtraction facts involving 5's to subtract.

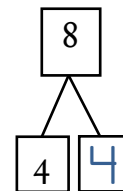


$$6 - 1 = 5$$



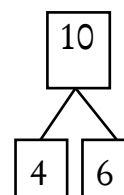
$$6 - 5 = 1$$

Students will use doubles to subtract.



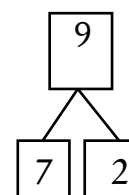
$$8 - 4 = \underline{4}$$

Students will use subtraction facts involving 10's and 9's to subtract.



$$10 - 4 = 6$$

$$10 - 6 = 4$$



$$9 - 7 = 2$$

$$9 - 2 = 7$$