



# MATH NEWS



LAFAYETTE  
PARISH SCHOOL SYSTEM

Fall 2014

Grade 1, Module 1, Topic F

## 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 F.

Topic F. Development of Addition Fluency Within 10

### Words to know

- Doubles
- Doubles +1

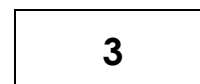
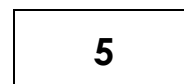
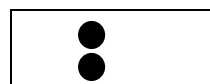
### Things to Remember!

1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9
2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	
3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7		
4+0	4+1	4+2	4+3	4+4	4+5	4+6			
5+0	5+1	5+2	5+3	5+4	5+5				
6+0	6+1	6+2	6+3	6+4					
7+0	7+1	7+2	7+3						
8+0	8+1	8+2							
9+0	9+1								

## Focus Area— Topic F

Development of Addition Fluency Within 10

Write the **double** and the **double plus 1** sentence for the 5 group cards



$$2 + 2 = 4$$

$$5 + 5 = 10$$

$$3 + 3 = 6$$

$$2 + 3 = 5$$

$$5 + 6 = 11$$

$$3 + 4 = 7$$

Solve the number sentences. Use the key to color. Once the box is colored you do not need to color it again.

- Color doubles yellow
- Color +1 blue
- Color +2 green
- Color double +1 orange

$6 + 2 = \underline{4}$	$5 + 1 = \underline{6}$	$4 + 5 = \underline{9}$
$2 + 2 = \underline{4}$	$3 + 2 = \underline{5}$	$8 + 7 = \underline{15}$
$10 = 2 + \underline{8}$	$8 = 4 + \underline{2}$	$\underline{7} = 4 + 3$
$10 = 5 + \underline{5}$	$6 = 3 + \underline{3}$	$7 = 5 + \underline{2}$

Related Fact Ladder

doubles	$3 + 4 = 7$	
+1	$3 + 3 = 6$	doubles
adding	$2 + 2 = 4$	
1 more	$2 + 1 = 4$	both
	$3 + 1 = 4$	adding 1

## OBJECTIVE OF TOPIC F

- Visualize and solve doubles and doubles plus 1 with 5-group cards.
- Look for and make use of repeated reasoning on the addition chart by solving and analyzing problems with common addends.
- Look for and make use of structure on the addition chart by looking for and coloring problems with the same total.
- Practice to build fluency with facts to 10.