Math News

Grade 1, Module 1, Topic F Fall 2014

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 F.

Topic F. Development of Addition Fluency Within 10

**Words to know**

|  |  |
| --- | --- |
| * Doubles | * Doubles +1 |

**Things to Remember!**

Focus Area– Topic F

*Development of Addition Fluency Within 10*

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **5** |  | **3** |
|  |  |  |  |  |
| 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

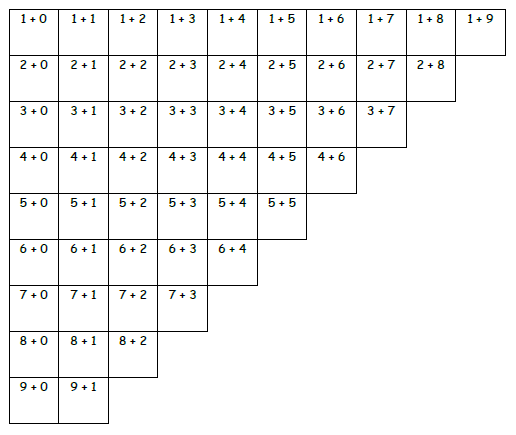
Color +1 blue

Color +2 green

Color double +1 orange

|  |  |  |
| --- | --- | --- |
| 6 + 2 = \_\_\_\_\_ | 5 + 1 = \_\_\_\_\_ | 4 + 5 = \_\_\_\_\_ |
| 2 + 2 = \_\_\_\_\_ | 3 + 2 = \_\_\_\_\_ | 8 + 7 = \_\_\_\_\_ |
| 10 = 2 + \_\_\_\_ | 8 = 4 + \_\_\_\_ | \_\_\_\_ = 4 + 3 |
| 10 = 5 + \_\_\_\_ | 6 = 3 + \_\_\_\_\_ | 7 = 5 + \_\_\_\_ |

Related Fact Ladder



2

9

6

4

4

5

8

15

7

2

5

3

|  |  |
| --- | --- |
| Objective of Topic F | |
| 1 | ladder relations.jpgVisualize and solve doubles and doubles plus 1 with 5-group cards. |
| 2 | Look for and make use of repeated reasoning on the addition chart by solving and analyzing problems with common addends. |
| 3 | Look for and make use of structure on the addition chart by looking for and coloring problems with the same total. |
| 4 | Practice to build fluency with facts to 10. |