KINDERGARTEN MATH NEWSLETTER

1 0 2 3 4 5 6 7 8 9

March—April 2016

Our Unit 4 Math Concepts

✶ **Count orally to 70 by ones and tens.**

✶ Decompose numbers less than or equal to ten into pairs of numbers in more than one way and record with a drawing or equations (e.g., write 7 as 2 + 5 and 6 + 1).

✶ Given a number less than 10, find a number that makes 10 (e.g., 1 + 9, 2 + 8, 3 + 7, 4 + 6, 5 + 5, etc.).

✶ **Use mental math strategies to solve addition and subtraction facts within 5.**

✶ Compose and decompose numbers from 11 to 19 into a group of ten and one(s) with or without manipulatives. Record each composition or decomposition through a drawing or equation.

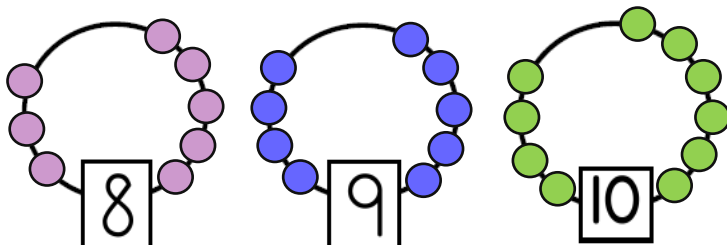### Decomposing Numbers Through 10

Decomposing is a skill that is carried through many grade in various ways. In Kindergarten, we focus on how to decompose numbers with pictures by breaking apart those numbers into the different number pairs that make that number. We can show decomposition in many ways pictorially. Here are a couple of examples:

Ten Frames:
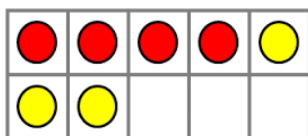
This ten frame shows the 4 red counters and 3 yellow counters to make 4 + 3 = 7 total counters!
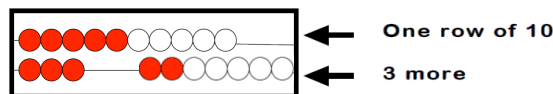
Number Bracelets:

$$\underline{\ 3\ } + \underline{\ 5\ } = 8 \qquad \underline{\ 4\ } + \underline{\ 5\ } = 9 \qquad \underline{\ 4\ } + \underline{\ 6\ } = 10$$

Composing and Decomposing Numbers 11-19

› **Rekenreks:**

One row of 10

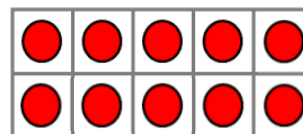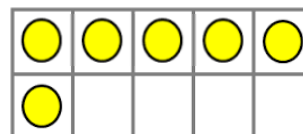3 more

Thirteen is seen as "10 and 3 more"

› **Double Ten Frames:**

This ten frame shows 10 red counters

with 6 more yellow counters to make 10 + 6 = 16 total counters!

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