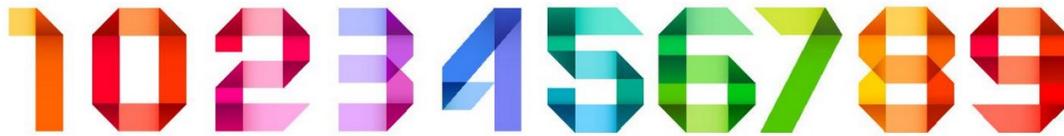


# 1<sup>ST</sup> GRADE MATH NEWSLETTER



Sept. & Oct. 2015

## Our Unit 1 Math Concepts

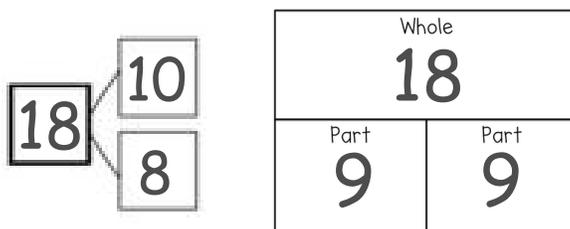
A copy of this newsletter can be found on the school website with connecting links for more information.

- × Count utilizing written or verbal numerals starting at any number less than 100.
- × Count forward or backward from any number within 20 to solve addition & subtraction problems.
- × Compose and decompose numbers to 20 to identify the value of the number in the tens & ones place.
- × Add or subtract whole numbers within 20 using strategies including making a 10 or decomposing a number leading to a 20.
- × Apply properties of operations to add or subtract whole numbers within 20 (Commutative & Associative properties of addition).
- × Solve subtraction problems using unknown addends (within 20).

### Decomposing

Decomposing, or breaking apart numbers, is a skill taught and applied throughout first grade. Students are using their knowledge of numbers to how to break apart numbers into all of their different parts. Teachers work with student to show them that there is not only one way to make a number.

Decomposing to (using Part-Part Whole Models):



Decomposing to Add (Make a Ten Strategy):

$$7 + 5 = 12$$

The number 5 is decomposed into 3 and 2. The equation becomes:

$$7 + 3 = 10$$
$$10 + 2 = 12$$

So, we know  $7 + 5 = 12$ .

### Hands-on Math

In 1st grade, we have a huge focus on visual math. We show how to solve problems with hands-on objects to really gain conceptual understanding. Some hands-on tools you might see throughout the year might be:

- › [Rekenreks](#)
- › [Ten Frames](#)
- › [Ten Towers](#)
- › [Hundreds Chart](#)
- › [Number Bracelets](#)
- › [Number Discs](#)
- › [Number Lines](#)

Click the links to use online versions.

### i-Ready at Home

Don't forget you can log-on to i-Ready at home and complete more lessons!

<https://cainc.i-ready.com/>