

# 2<sup>ND</sup> GRADE MATH NEWSLETTER



March—April 2016

## Our Unit 4 Math Concepts

- × Apply properties of place value to mentally add or subtract 10 or 100 to/from a given number within 100-900.
- × Apply addition and subtraction strategies based on place value and the properties of operations and explain why these strategies work using drawings or objects. For example,  $37 + 12 = 49$  because  $37 + 12$  equals  $30 + 7 + 10 + 2$  (place value) which equals  $30 + 10 + 7 + 2$  (property of operations).
- × Add and subtract within 100 in word problems involving lengths using a symbol to represent the unknown number. For example, if Angela needs 30 feet of ribbon for gifts, but she only has 17 feet, equations  $17 + x = 30$  and  $30 - x = 17$  both represent the  $x$  feet she still needs.
- × Use a number line to represent the solution of whole number sums and differences related to length within 100 by using equally spaced points.
- × Tell and write time using analog and digital clocks to the nearest five minutes using AM and PM.
- × Identify, recognize, and solve word problems with dollar bills, quarters, dimes, nickels, and pennies using the \$ and ¢ symbols appropriately.
- × **Add and subtract within 100 to solve 1- or 2-step word problems with unknowns in any position.**
- × **Add and subtract fluently within 20 using mental strategies, such as decomposing and composing numbers using the benchmark of ten.**

### Addition & Subtraction

We've talked about the various strategies for addition before, but now we are getting to bigger numbers. Here are some more examples!

#### Addition Examples:

- [Open Number Line](#)
- [Decomposing/Composing](#)
- [Compensation \(Friendly Numbers\)](#)
- [Place Value](#)

#### Subtraction Examples:

- [Open Number Line](#)
- [Decomposing/Comp.](#)
- [Compensation \(Friendly Numbers\)](#)
- [Place Value](#)

### Telling Time

- › Practice telling time to the nearest 5 minutes (AM and PM) using an analog clock.
- › Video Lessons: [AM/PM](#) and [Tell Time to the Nearest 5 Minutes](#)
- › Here is a [website](#) for easy practice at home!

### 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/>