

## Unit Name: Money

### Common Core State Standards:

**2.MD.8** Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?

**2.NBT.9** Explain why addition and subtraction strategies work, using place value and the properties of operations.

### Essential Vocabulary:

- quarter
- dime
- nickel
- dollar
- cent(s)
- \$
- ¢
- heads
- tails

### Unit Overview:

In Second Grade, students solve word problems involving either dollars or cents. Since students have not been introduced to decimals, problems focus on whole dollar amounts or cents. This is the first time money is introduced formally as a standard. Therefore, students will need numerous experiences with coin recognition and values of coins before using coins to solve problems. Once students are solid with coin recognition and values, they can then begin using the values of coins to count sets of coins, compare two sets of coins, make and recognize equivalent collections of coins (same amount but different arrangements), select coins for a given amount, and make change.

### Strategies/Skills:

Just as students learn that a number (38) can be represented different ways (3 tens and 8 ones; 2 tens and 18 ones) and still remain the same amount (38), students can apply this understanding to money. For example, 25 cents can look like a quarter, two dimes and a nickel, and it can look like 25 pennies, and still all remain 25 cents.

This concept of equivalent worth takes time and requires numerous opportunities to create different sets of coins, count sets of coins, and recognize the “purchase power” of coins (a nickel can buy the same things a 5 pennies).

### Additional Resources:

If you have limited/no internet access, please contact your child’s teacher for hard copies of the resources listed in this document.

- NCDPI Unpacking Document: [2<sup>nd</sup> Grade Unpacking Document](#)
- Please visit the Kahn Academy website at [www.khanacademy.org](http://www.khanacademy.org) for additional videos and activities. Look under the *Early Math* tab.
- Please visit the Learn Zillion website at [www.learnzillion.com](http://www.learnzillion.com) to find 2nd Grade math lessons and videos that align with Common Core Standards.