Dear Parents,

Over the next several weeks, we will be learning about **money** in math! The information below will help you to support your child as they learn these exciting, yet important third grade math skills.
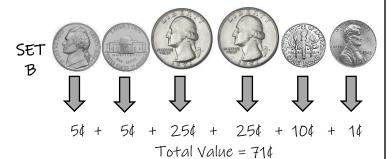
The GOAL:

By the end of the unit, your child should be able to **compare amounts of money up to $5.00 and make change**. They should also be able to **round amounts of money to the nearest dollar.**

Help your child learn about money

Compare total value of a set of coins.

SET A

10¢ + 25¢ + 1¢ + 1¢ + 5¢ + 25¢
Total Value = 67¢

SET B

5¢ + 5¢ + 25¢ + 25¢ + 10¢ + 1¢
Total Value = 71¢

67¢ < 71¢
Set A is less than Set B

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Round amounts to the nearest dollar.

- 51¢ rounds up to $1.00
- 49¢ rounds down to $0.00
- $1.36 rounds down to $1.00
- $2.68 rounds up to $3.00

Add and Subtract money:

$$\begin{array}{r} \$2.05 \\ +\ \$1.34 \\ \hline \$3.39 \end{array} \qquad \begin{array}{r} \$4.28 \\ -\ \$3.13 \\ \hline \$1.15 \end{array}$$

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Make change up to $5.00:

You buy a pack of candy bars for $3.18 (including tax) and you paid with a $5.00 bill. How much change do you get back?

$$\begin{array}{r} \$5.00 \\ -\ \$3.18 \\ \hline \$1.82 \end{array} \qquad \begin{array}{r} \$3.18 \\ +\ \$1.82 \\ \hline \$5.00 \end{array}$$

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Use a table to find <u>all</u> possible combinations:

Ways to Make 25¢ with a **MAX.** of 1 Q, 2 D, 2 N, 10 P

Quarters	Dimes	Nickels	Pennies
1	0	0	0
0	2	1	0
0	2	0	5
0	1	2	5
0	1	1	10

HELPFUL TIP: Start with using as many of the highest value coin you can, then move onto the next, and so on.

NOTE: Some combinations are not shown (i.e. 5 nickels) because of the number of coins available.
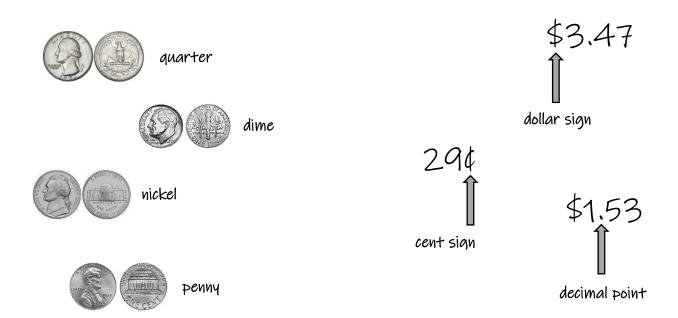
Grade 3 Math: **PA Core Math Standards** in Unit 5

CC.2.4.3.A.3: Solve problems and make change involving money using a combination of coins and bills.

- - HOW TO HELP AT HOME - -

- Have children round price tags at a store to the nearest dollar.
- Use real or play money to practice making change.
- Find different combinations to make the same amount of money.
- Have children compare amounts of money to see which is less or greater.

- - KEY MATH VOCABULARY - -

quarter

dime

nickel

penny

$3.47

dollar sign

29¢

cent sign

$1.53

decimal point

one dollar bill