

## 7.1 Making Change Activity

### Learning Target:

I can make change up to one dollar several different ways.

### Vocabulary:

- ❑ **Dollar-** A dollar is the type of paper money in the United States. The symbol for a dollar is \$. 100 cents equals 1 dollar.
  - ❑ Dollars can be found in: \$1, \$5, \$10, \$20, \$50, \$100
- ❑ **Cent-** The smallest type of money in the United States. The symbol for a cent is ¢. Cents come in coin form.
  - ❑ Pennies, Nickels, Dimes, Quarters & Half Dollars are all types of coins.
- ❑ **Penny-** A penny is worth 1¢. 100 pennies = \$1. It is the only copper coin.
- ❑ **Nickel-** A nickel is worth 5¢. 20 nickels = \$1. It is medium sized and has a smooth edge.
- ❑ **Dime-** A dime is worth 10¢. 10 dimes = \$1. It is the smallest coin.
- ❑ **Quarter-** A quarter is worth 25¢. 4 quarters = \$1. It is bigger than the other 3 coins.

### Materials:

1. Problems- Cut out Grids
  - a. scissors
2. White board/ Paper
3. Markers/ Pencils
4. Money Manipulatives

### Directions:

You will be playing a game that helps them practice making change for a variety of problems.

1. Best if played in groups of 2-4 students.
2. Cut out the grid and put them into 1 pile.
3. Each student picks one paper off the top of the pile at the same time.
4. Every student needs to solve the problem on the paper by figuring out how much change is given in each situation.
  - a. Students should use money manipulatives and write their answer on their

whiteboard or piece of paper (This paper will be turned in at the end of the game to check understanding). Make sure to write the number of the problem next to the work.

5. Once each student has an answer they will pass their card and answer to the person on their left.

- a. That student will check the work to make sure they are correct.
- b. Teacher will need to decide if it has to be with the least amount of coins.

This could be an added rule after playing it one time.

6. If you or your partner answered correctly, they get to keep the card. If the answer is incorrect, the card is put on a discard pile.

7. Continue until all of the cards in the pile are gone. The student with the most cards at the end are the winners

1. Pencil Cost: 45¢ Amount of Money Given: \$1.00	2. Pen Cost: \$1.39 Amount of Money Given: \$2.00	3. Eraser Cost: \$1.10 Amount of Money Given: \$2.00	4. Ruler Cost: \$2.25 Amount of Money Given: \$3.00
5. Basketball Cost: \$7.57 Amount of Money Given: \$8.00	6. Jump Rope Cost: \$4.30 Amount of Money Given: \$5.00	7. Chalk Cost: 89¢ Amount of Money Given: \$1.00	8. Frisbee Cost: \$4.70 Amount of Money Given: \$5.00
9. Chips Cost: \$1.55 Amount of Money Given: \$2.00	10. Candy Bar Cost: \$1.75 Amount of Money Given: \$2.00	11. Pop Cost: 75¢ Amount of Money Given: \$1.00	12. Apple Cost: \$2.05 Amount of Money Given: \$3.00

13. Toy Car Cost: \$2.95 Amount of Money Given: \$3.00	14. Doll Cost: \$5.44 Amount of Money Given: \$6.00	15. Action Figure Cost: \$6.63 Amount of Money Given: \$7.00	16. Coloring Book Cost: \$3.80 Amount of Money Given: \$4.00
17. Cards Cost: \$3.20 Amount of Money Given: \$4.00	18. Legos Cost: \$9.76 Amount of Money Given: \$10.00	19. Stuffed Animal Cost: \$5.60 Amount of Money Given: \$6.00	20. Game Cost: \$5.84 Amount of Money Given: \$6.00
21. Movie Cost: \$6.20 Amount of Money Given: \$7.00	22. Book Cost: \$7.15 Amount of Money Given: \$8.00	23. Music Cost: \$3.50 Amount of Money Given: \$4.00	24. Tickets Cost: \$8.48 Amount of Money Given: \$9.00