W 1100

PIZZA PARTY

A Lesson on Money and Budgeting

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INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE

PIZZA PARTY
A Lesson on Money and Budgeting

Skill Level
Beginner (K-4th graders)

Learner Outcomes
The learner will be able to:
- Utilize U.S. coins
- Accurately describe and discuss coins and monetary values
- Effectively use coins to make a purchase.

Educational Standards Addressed
K.MD.B.3,
1.MD.B.4
2.M.D.C.8

Success Indicator
Learners will be successful if they:
- Identify coins correctly
- Understand coins' monetary values
- Use an accurate combination of coins to make a purchase
- Understand the relative values of coins

Time Needed 30-45 minutes

Materials List
- Fake coins
- Brown and yellow paper circles (template provided)
- Color coding dot stickers in a variety of colors
- Glue sticks
- Coins and Money Symbols Sheets
- Pizza Ingredient Price Sheets
- Coin Worksheet (one per student)

Author(s)

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Introduction to Content

Money is something that every person uses, and youth need hands-on lessons to understand how it works. This lesson is focused on the use of coins. Many children rarely see the adults in their lives use cash or coins to make purchases. Therefore, many children are not familiar with coins or their values and need to be instructed.

Terms and Concepts

Cost – The amount of money an item or service is worth.
Cents – a monetary value less than a whole dollar.
Value/Worth – the amount of money that a coin represents (for example 5 cents = one nickel).

Introduction to Methodology

This activity first assesses what students already know about coins and then refreshes or teaches the pertinent information. Then, the students will be tasked with "purchasing" crust, cheese and toppings for their pizzas from the market.

Setting the Stage

1. Hold up the coin images and the actual coins one at a time. Ask the group to identify the coin and to state its value. If the students are proficient at this, proceed. If not, teach how to identify each coin and their values.

2. Ask for two volunteers to come to the front of the room. Announce that you are giving one volunteer 3 quarters and the other volunteer 5 dimes. Ask the group which person has more money.

3. Discuss with the group the difference between the number of coins and the value of the coins.

4. Hold up the money symbols pages one at a time and ask the group what each symbol means and what each amount is. Discuss.

5. If the group is proficient at this point, introduce the concept of making change and give scenarios for them to solve. For example, if an item costs $1.35, and I give the cashier $1.50, how much do they owe me?

Strategies to Increase Student Engagement

Explore the U.S. Mint Kids Website.

If each group member receives a different amount of "startup" money, ask the students to count how much they have before buying and selling. Then, when you reach the "Process" segment of the lesson, they will be prepared.

Experience

Select the pizza ingredient price sheet that is most appropriate for the group's knowledge level. Display where it is visible to all. If the topic of change was not discussed, use the sheet with the price of crust at $1.00.

Divide the students into groups of three and give each student startup money in assorted coins. The instructor may elect to give each student the same combination of coins, different combinations of coins with the same value, or completely different coin combinations. Each student should have approximately $1.00 - $1.25 total. Have each student add up their coins and write down the amount they have at the start of the lesson. Be sure to include a mix of quarters, nickels and dimes if the concept of making change has not been discussed.

Give one group member three cheese papers. Give another three crust papers, and another two or three sheets of red dot stickers. Give each group member a glue stick. The dot stickers represent pepperoni, and the cheese and crust are the yellow and brown circles.

Teacher Notes

Explain to the group that they are all now pizza bakers, and they need to buy their pizza ingredients. Each group member will be a salesperson for a different pizza ingredient (crust, cheese and pepperoni). They must work together to buy and sell the ingredients to make their pizzas.

Allow the groups to work and assist when needed.

If the students need an added challenge, the facilitator can open a separate market with various pizza toppings (the other color dot stickers) and set the price as they see fit. This market may opt to only accept exact change, and the facilitator can therefore also open a bank where students can exchange coins. If a group finishes early and needs extra engagement, use the coin worksheet.

When all the pizzas have been made, ask students to add up their remaining coins and write down the value they are ending with.

Share
Ask, *"What was the total cost of your pizza? Why is everyone's cost different?"*

Process
Ask, *"Did any of you make money by selling your pizza ingredients?"*

Generalize
Ask, *"Do you think it is important to be able to use coins and make change? If so, why? If not, why?"*

Apply
Ask, *"When can you use this skill? How can you see yourself spending money?"*

Supplemental Information
Educational Standards Met

Math: Measurement and Data

K.MD.B.3 Identify the penny, nickel, dime, and quarter and recognize the value of each.

1.MD.B.4 Count the value of a set of like coins less than one dollar using the ¢ symbol only.

2.MD.C.8 Solve contextual problems involving dollar bills, quarters, dimes, nickels, and pennies using ¢ and $ symbols appropriately.

TIPPS
Life Skills

- Gather relevant information for decision-making. (HANDS)

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Coin Worksheet



How much is a penny worth? _____



How much is a nickel worth? _____



How much is a dime worth? _____



How much is a quarter worth? _____

If you could design your own money, what would it look like? Draw it below.

Coins and Money Symbols





Coins and Money Symbols





Coins and Money Symbols





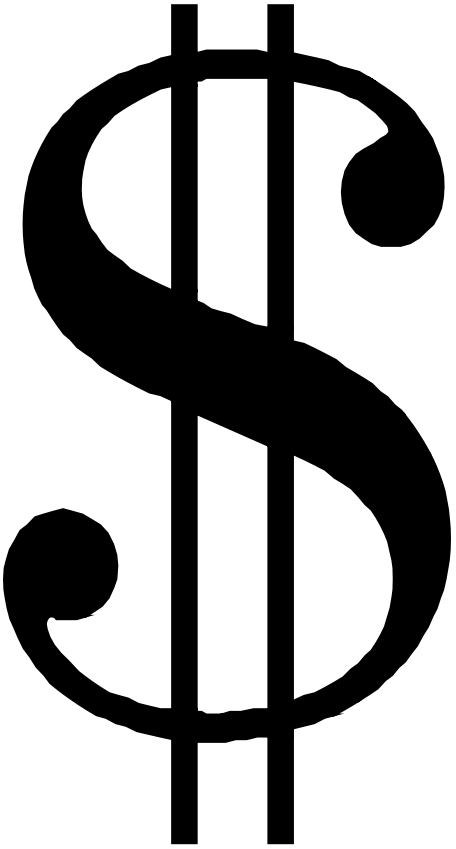
Coins and Money Symbols



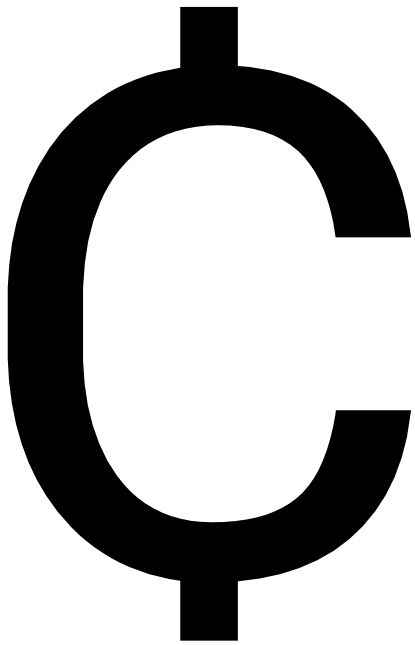


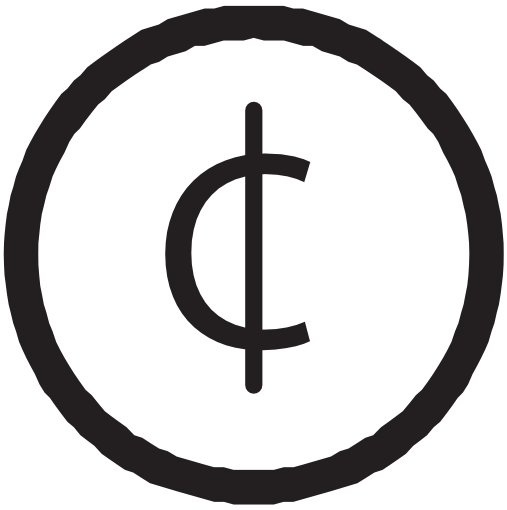
Dollar Signs

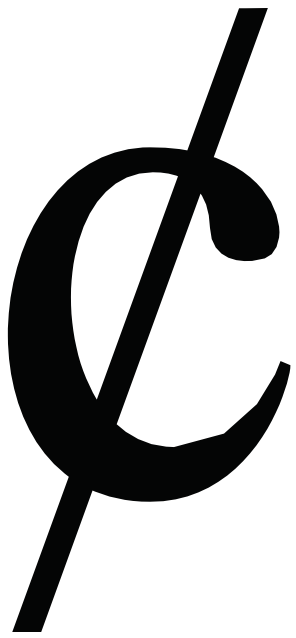




Coin Symbols



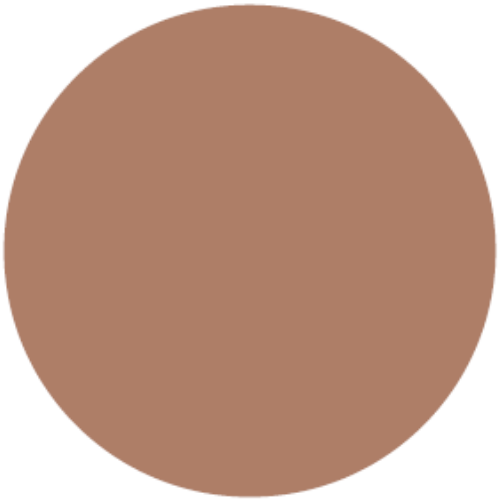




$1.75

35¢

$.25

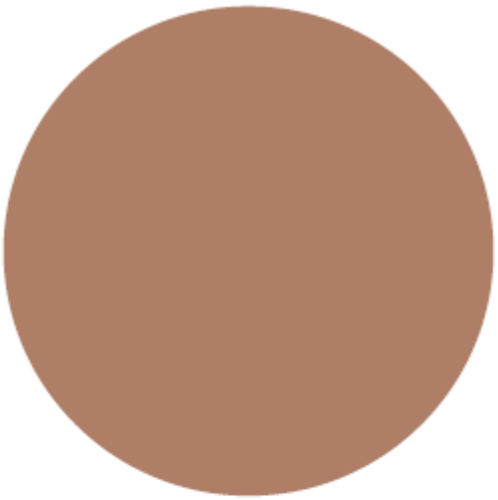


Pizza Crust
$1.00

Cheese
$0.50



Pepperoni
$0.05 Each

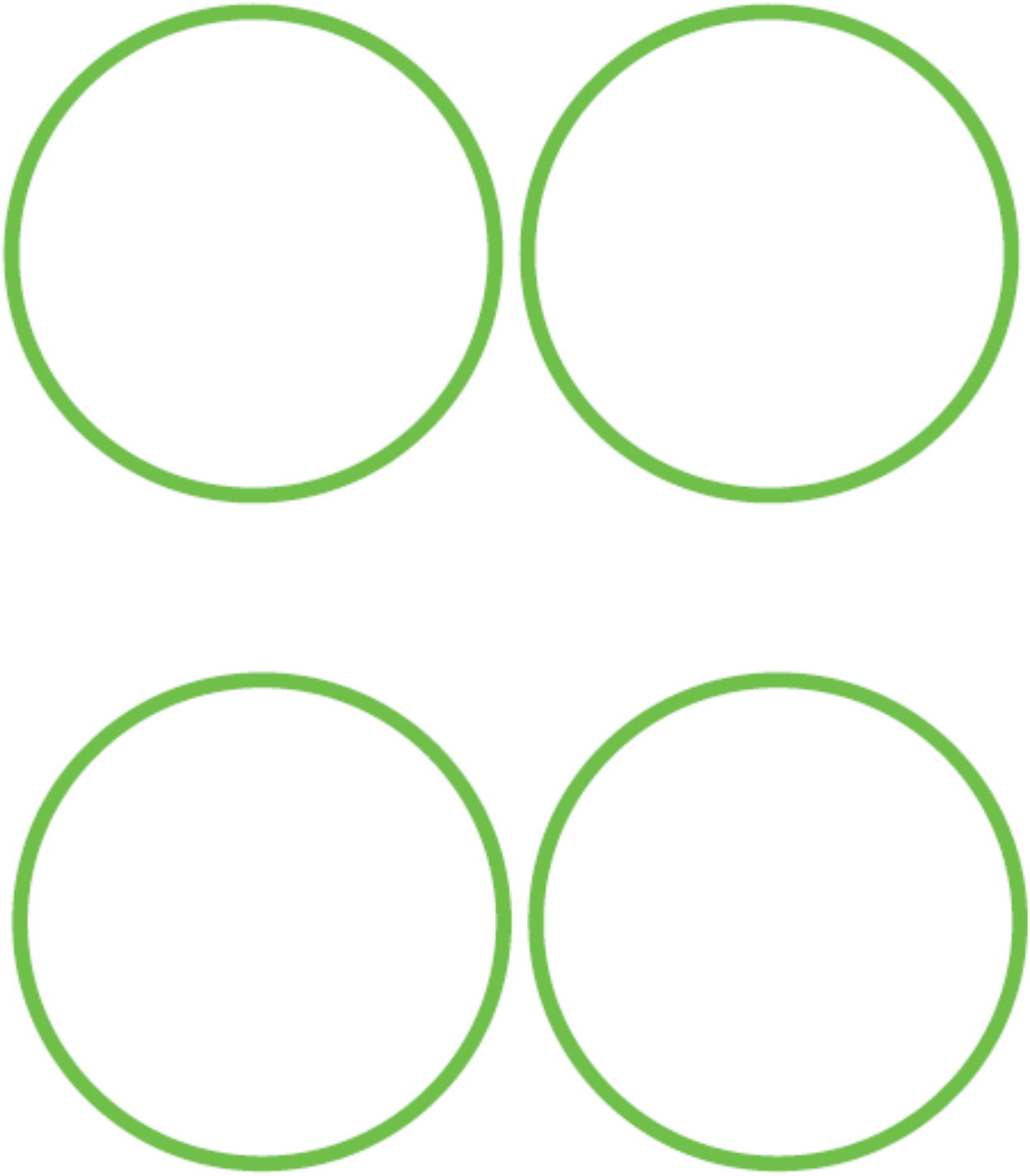


Pizza Crust
$0.85

Cheese
$0.35



Pepperoni
$0.05 each





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