Objective

By the end of this lesson, you will be able to understand the concept of change in mathematics and apply it to various scenarios.

Materials and Prep

- Paper
- Pencil
- Calculator (optional)
- Basic understanding of addition, subtraction, multiplication, and division

Activities

1. Change Scenarios: Create different scenarios involving change, such as buying items at a store and calculating the change received, or tracking changes in temperature throughout the day.
2. Change Puzzles: Solve math puzzles where you need to figure out the change from given amounts. For example, if you have $20 and you buy an item for $8.75, how much change will you receive?
3. Change Graphs: Graph the change in something over time, like the growth of a plant or the balance in a savings account. Interpret the graphs to understand the concept of change visually.

Talking Points

- "Change in mathematics refers to the difference between two values or the rate at which a value is increasing or decreasing."
- "Understanding change is essential in real-life situations like managing finances, analyzing trends, and making predictions based on data."
- "When calculating change, you often use basic arithmetic operations such as addition and subtraction to find the difference between two amounts."
- "Graphs can visually represent change over time, showing how values increase or decrease. This helps in analyzing patterns and making informed decisions."