Objective

By the end of this lesson, the student will be able to understand and apply multiplication concepts, recognize multiplication as repeated addition, and solve simple multiplication problems confidently.

Materials and Prep

- Paper
- Pencil
- Timer (optional)
- Space to write and do activities

Before the lesson, make sure the student understands basic addition, as multiplication is often seen as a faster way to add the same number multiple times.

Activities

- **Multiplication Bingo:**

  Create a Bingo card with products of multiplication problems (e.g., 2x3, 4x5). Call out multiplication problems, and the student marks the product on their card. The first to complete a row wins!

- **Array Art:**

  Use paper to draw arrays. For example, to visualize 3x4, draw 3 rows of 4 boxes. This helps the student see how multiplication works as groups of numbers.

- **Multiplication Story Problems:**

  Ask the student to create their own story problems using multiplication. For example, "If I have 5 bags with 6 apples in each, how many apples do I have in total?" This helps connect math to real-life situations.

- **Skip Counting Races:**

  Choose a number (like 5) and have a race to see how fast the student can skip count by that number to 50. This reinforces the concept of multiplication as repeated addition.

Talking Points

- "Multiplication is like adding the same number over and over again. For example, 3 times 4 means you are adding 4 three times: 4 + 4 + 4!"
- "When we multiply, we can think of it as groups. If I say 5 times 2, it means I have 5 groups of 2. Can you picture that?"
- "Multiplication can help us solve problems faster. Instead of adding 6 + 6 + 6, we can just say 3 times 6!"
- "Arrays are a great way to visualize multiplication. When we draw them, we can see how many total there are easily!"
- "Story problems make multiplication fun and relatable. Can you think of a situation where multiplication would help you?"