Multiplication Cups Competition

Second Grade, Third Grade  |  Math  |  50 minutes  |  Standards: 3.OA.C.7
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Motivate your students by engaging them in a competition! In this lesson, your students will review and practice multiplication strategies.

Learning Objectives
Students will be able to apply their multiplication strategies to different activities.

Materials and Preparation

- Chart paper
- Paper
- Clipboards
- 50 Cups (write various multiplication word, number, or picture problems on the outside of each cup and the answer on the inside of each cup)
- Pencils
- Timer
- Sticky notes
- Index cards with multiplication problems written on them (1 per student)
- Manipulatives

Key Terms:

- array model strategy
- repeated addition strategy
- number line model
Lesson

Introduction (5 minutes)

- Ask your students to give some strategies they use for multiplication.
- Write their responses on the board.

Explicit Instruction/Teacher Modeling (10 minutes)

- Review the array model strategy by showing 3 x 2 as an array of 3 rows of dots in two columns.
- Show your students the repeated addition strategy, where 4 x 3 is also 4 + 4 + 4.
- Demonstrate how to use the number line model strategy. Show your students that they can practice 4 x 3 by jumping on the number line 4 steps at a time for three jumps.
- Use examples and draw them on the board.

Guided Practice/Interactive Modeling (10 minutes)

- Give each student a different multiplication problem on an index card.
- Instruct your students to solve the problem on a blank sheet of paper using a strategy discussed previously.
- Have your students raise their papers up when they are finished.
- As a group, work out three of the students' problems.

Independent Working Time (10 minutes)

- Divide your students into pairs.
- Hand each pair of students a set of cups with multiplication problems written on them.
- Challenge your students to answer as many questions as possible.
- Direct your students to stack the cups if they get the answer right. Remind them to be honest when they are self-checking.
- Ask your students to test each other using the strategies reviewed earlier.
Extend

Differentiation

- **Enrichment**: Make cups without the answers on the inside, and have your students play the game with these. Make a puzzle with the answers to multiplication questions.
- **Support**: Use manipulatives with your students so that they can visually see how multiplication involves grouping.

Review

Assessment *(10 minutes)*

- Give your students clipboards and paper.
- Set up four different stations around the classroom with a multiplication question at each station.
- Instruct your students to number their papers from one to four. Have them write the answers to the questions at the stations corresponding to the number.
- Give your students 2 minutes at each station.
- At the end, collect their papers and evaluate their multiplication skills.

Review and Closing *(5 minutes)*

- As an exit ticket, have students write down an example of a time that they had to use multiplication in their daily lives.