

# MARBLE MADNESS

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Grades: 4-6

FORMATION: Standing in their own personal space

EQUIPMENT: Box of marbles

LEARNING OUTCOMES: MATH: Create word problems using marbles

SAFETY CONSIDERATIONS: Remind participants to be cautious when moving and to be aware of the personal space of others. Check that the participants have enough space to perform the activities safely.

RULES/DIRECTIONS:

Students are broken up into groups of 2. The marbles are placed in a box in the middle of the playing area. When the teacher says "GO", small groups of students (3 at a time), will hop to the marble box, pick up as many marbles as possible (using 2 hands), and hop back to their designated spot. Upon return, each group must CREATE 4 word problems using the number of marbles which they have. For example, if 30 marbles were selected, they must create 4 word problems (I.e.  $15 \text{ marbles} + 15 \text{ marbles} = 30 \text{ marbles}$ ,  $35 \text{ marbles} - 5 \text{ marbles} = 30 \text{ marbles}$ ,  $2 \text{ marbles} \times 15 \text{ marbles} = 30 \text{ marbles}$ , and finally,  $60 \text{ marbles} \div 2 \text{ marbles} = 30 \text{ marbles}$ . Repeat every 5 minutes.