



# BIG COINS SET UP & RULES

## BIG GAMES

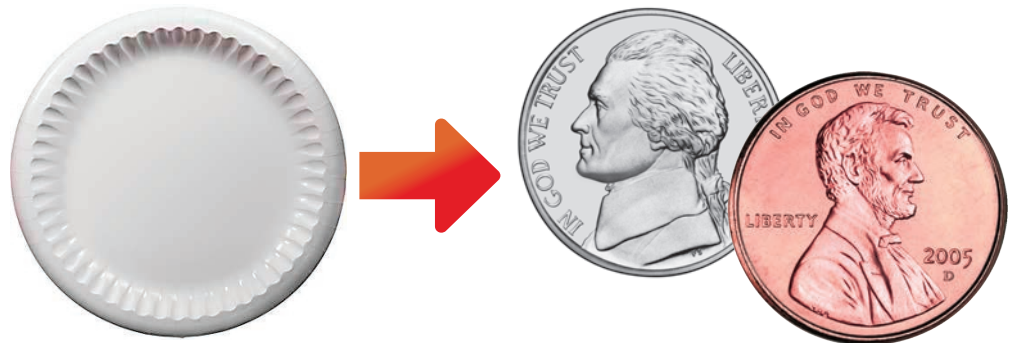
Children will use problem solving and reasoning to solve these over-size coin challenges as individuals or in teams.

### Age Appropriateness:

- 5 & up

### Learning Skills:

- Reasoning
- Critical Thinking
- Problem Solving



### Materials:

- Large paper plates, or cardboard cutout circles.
- Art supplies to decorate plates (Option 1)
- Photocopies of pennies and nickels enlarged to plate size (Option 2)
- Glue (for Option 1)
- Big Coin challenges
- 1 or more players

### Action Time:

- 1 hour

## PREPARATION

- Use paper plates or large cardboard cutout circles for the coins. You can choose to decorate the coins using art materials, or print an over-sized coin on paper and glue it to the circle to make a more 'realistic' coin.

## ACTION

- Set up a Big Coin puzzle according to the challenge pdf
- Each puzzle challenges you to move the coins in a set number of moves to make a new configuration.
- If you get stuck, reset and try again.
- Answers are provided with the challenges.

**REFLECTION:** Lead a discussion to talk about what players did well or could have done better in trying to solve the puzzle. Challenge players to change their strategy to solve faster the next time.