



# MATCHSTICK CHALLENGES SET UP & RULES

## BIG GAMES

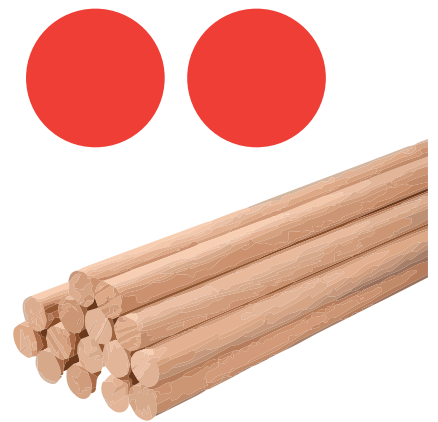
Children will spend hours of fun trying to solve these simple and easy to set up puzzle problems.

### Age Appropriateness:

- 6 & up

### Learning Skills:

- Spatial Reasoning
- Problem Solving



### Materials:

- Lots of floor space!
- 50 sticks
- 2 Circular Discs
- Matchstick Challenge Hints
- 1 or more players per challenge

### Action Time:

- 2 Hours

## PREPARATION

- Use sticks (garden stakes work great) to create the challenge configurations. Set up as many of as few as you have space for.
- Use the circular discs to represent the fish eye and cherry for those particular 2 challenges.

Play through the challenges yourself before assigning players to try them. Be prepared with the Hints sheet to help players when they get stuck.

## ACTION

- Explain the individual rules of each challenge to the players assigned to the challenge.
- Give players time to figure out the solution, answering any questions about rules as they work through the problem. Offer hints when necessary.
- When the puzzles are solved, reset and rotate players to a new challenge.

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