

Programming Challenge

Robo-Dunk II

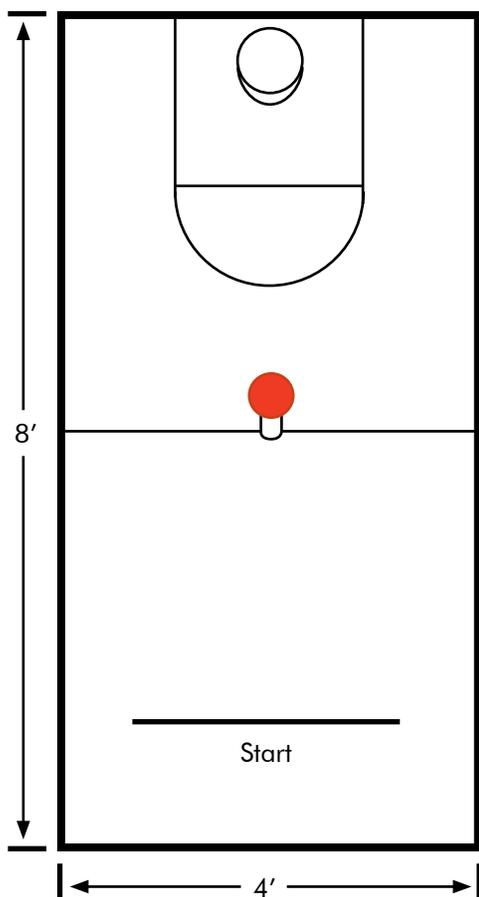
Challenge Description

Program your robot to pick up a ball at half court and drop it into the scoring area at the far end. Implement one function that moves straight forward, one function that picks up the ball, and one function that drops the ball. Remote control must not be used to accomplish this task.

Materials Needed

- Black electrical tape
- Scissors (or cutting tool)
- 1 Bowl (scoring area)
- 1 Plastic Ball (3" diameter)
- 1" Cardboard Tube (steady the ball)

Board Specifications



Note: Diagrams are not drawn to scale