

Programming Challenge

Robo-Dunk

Challenge Description

Part 1:

Program your robot to use the buttons on the back of the Remote Control to pick up a ball at half court and drop it into the scoring area at the far end. Remote Control must be used to accomplish this task.

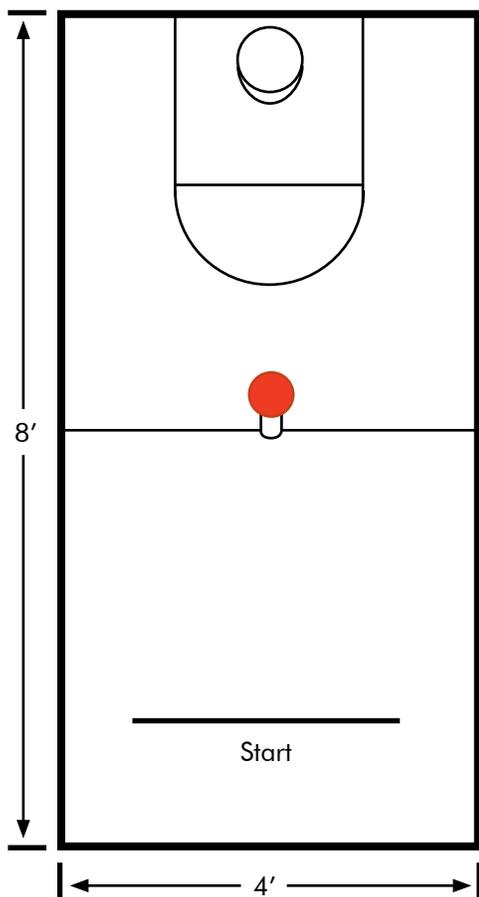
Part 2:

Program the robot to **autonomously** pick up a ball at half court and drop it into the scoring area at the far end. 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