

Programming Challenge

RoboWriter

Challenge Description

Part 1:

Attach a dry erase marker to your robot's arm so that when it is down, the marker can write on the board. Program your robot so that you can use the joysticks and buttons on the Remote Control to draw letters, words, or even simple pictures with the robot.

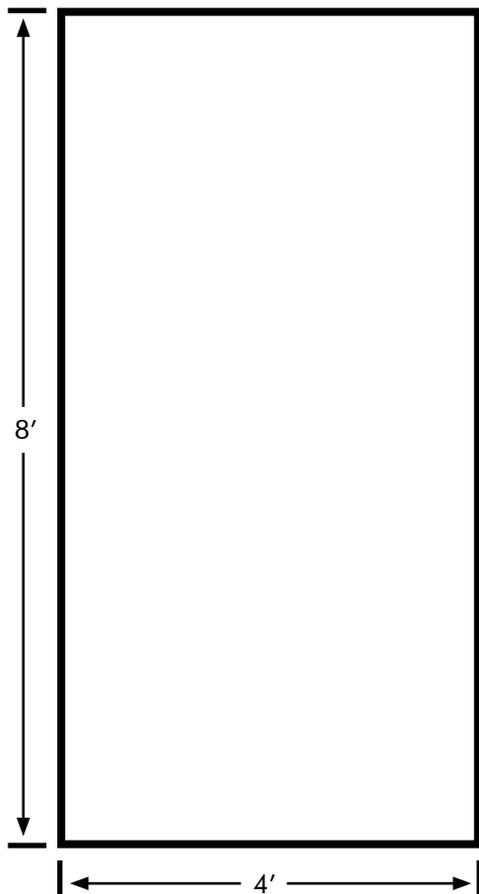
Part 2:

Program the robot to **autonomously** draw your first and last initial using its arm with the dry erase marker. Remote control may not be used for this part of the challenge.

Materials Needed

- 1 Whiteboard
- 1 Dry Erase Marker
- Tape (for attaching marker)
- Cleaner (for removing dry erase marks)
- Paper Towels

Board Specifications



Note: Diagrams are not drawn to scale