

# SENSING

## Gyro Hunt Challenge

### Challenge Description

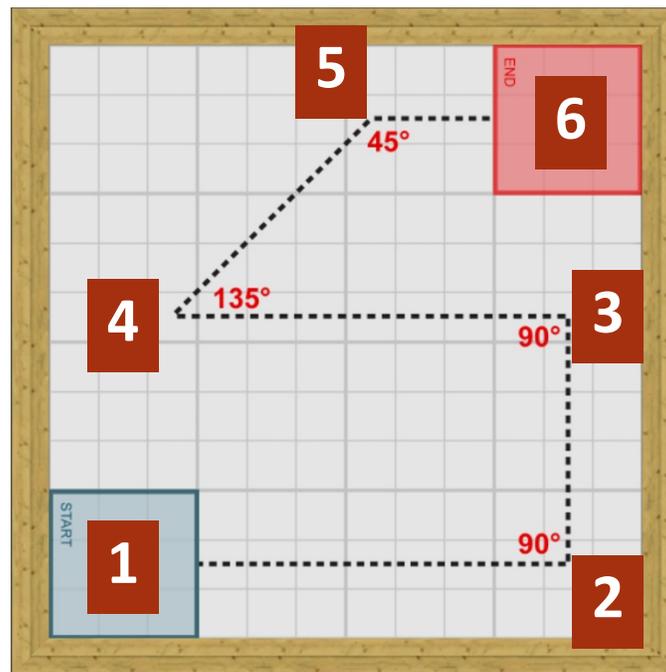
This challenge asks the user to program the robot to utilize the gyro sensor in order to make correct turns and navigate the challenge table correctly. In order to get to the goal area, the robot needs to move forward the correct distances and also make the following turns:

- 90 degree left turn
- 90 degree left turn
- 135 degree right turn
- 45 degree right turn

### Materials Needed

- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)

### Board Specifications



1

Robot should start here

2

Robot should make a 90 degree left turn here

3

Robot should make a 90 degree left turn here

4

Robot should make a 135 degree right turn here

5

Robot should make a 45 degree right turn here

6

Robot should stop here