

# SENSING

## Minefield Challenge

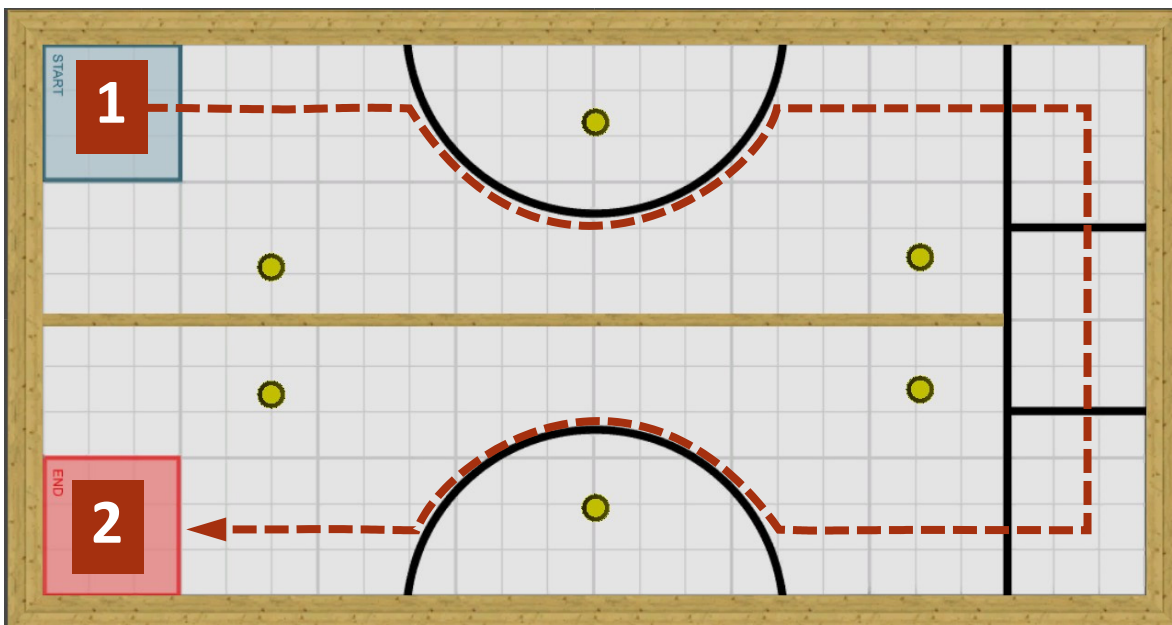
### Challenge Description

In this challenge, the robot needs to move through the challenge board without coming into contact with any mines or the dividing wall. The robot should begin at one end of the challenge board and then use the light sensor to navigate through the northern minefield. Once the robot is in the safe zone, it must then traverse down and back across the southern minefield to reach the end tile.

### Materials Needed

- Black electrical tape
- Red electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)
- Styrofoam cups to use as mines

### Board Specifications



**1** Robot should start here

**2** Robot should finish here