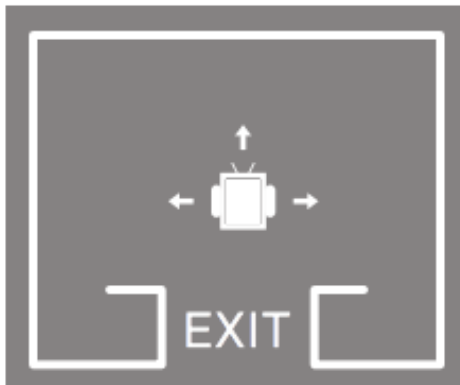




Challenge: The Dark Room

75 points (25-point bonus)

Remote control may NOT be used



This challenge features a four sided, enclosed box with one opening large enough for your robot to exit. The challenge is to have the robot escape the box in as little time as possible using any features available to you. A light source will be located outside the exit. The starting point for all robots will be the center of the box, with the robot pointed in one of three random directions.

For this challenge, points will be awarded in the following ways:

1. The robot exits the box in ten seconds or less. (75 points)
2. The robot exits the box in twenty seconds or less. (70 points)
3. The robot exits the box in thirty seconds or less. (65 points)
4. The robot exits the box in forty seconds or less. (60 points)
5. The robot exits the box in fifty seconds or less. (55 points)
6. The robot exits the box before the two minute time limit is exceeded. (50 points)

Bonus: The team with the fastest time completing the challenge successfully is awarded 25 bonus points

