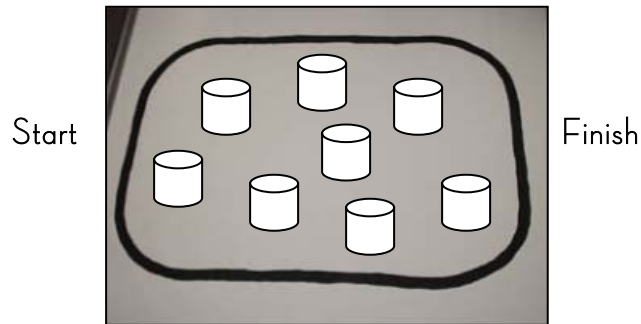


robo expo!

Obstacle Challenges



Obstacle Challenge A

The challenge: Your vehicle must get from one side of the oval to the other side without moving or knocking over any of the eight soda cans.

Time Limit: Must complete the task within 1.5 minutes

How to recreate a practice course:

Course: (You should use the same oval from line following challenge)

Rounded corner rectangle / Oval

Dimensions: approximately 35" x 51"

Black line = 1.5 inches

Obstacles: 8 full soda cans wrapped in grey duct tape will be placed in a haphazard pattern within the oval. Each can will be placed a minimum of 7" apart from each other.

Obstacle Challenge B

The challenge: Beginning anywhere outside the oval, how many empty cans can your vehicle push out of the oval within the time limit?

Time Limit: Must complete the task within 1.5 minutes

How to recreate a practice course:

Course: (You should use the same oval from line following challenge)

Rounded corner rectangle / Oval

Dimensions: approximately 35" x 51"

Black line = 1.5 inches

Obstacles: 8 empty soda cans wrapped in grey duct tape will be placed in a haphazard pattern within the oval.