

robo expo!

Line Following Challenges

Line Following Challenge A

The challenge: Your vehicle must follow the oval making at least one complete circuit.

Time Limit: The trip must be completed within 2 minutes.

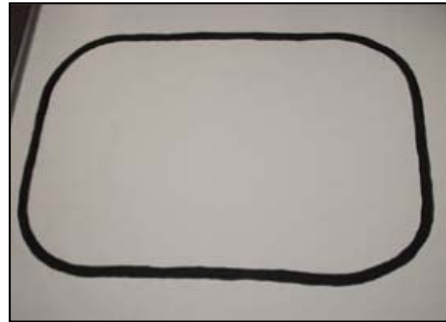
How to recreate a practice course:

What the course looks like:

Rounded corner rectangle / Oval

Dimensions: approximately 35" x 51"

Black line = 1.5 inches



Line Following Challenge B

The challenge: Your vehicle must follow the S curve starting at one end and completing the entire path.

Time Limit: The trip must be completed within 2 minutes.

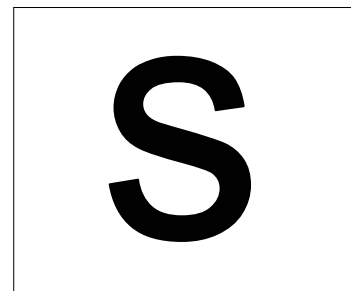
How to recreate a practice course:

What the course looks like:

S curve

Dimensions: approximately 41" x 46"

Black line = 1.5 inches



Line Following Challenge C

The challenge: Your vehicle must follow the outline of the T making at least one complete circuit.

Time Limit: The trip must be completed within 2 minutes.

How to recreate a practice course:

What the course looks like:

Letter T, outlined

Dimensions: approximately 40" x 46"

Black line = 1.5 inches

