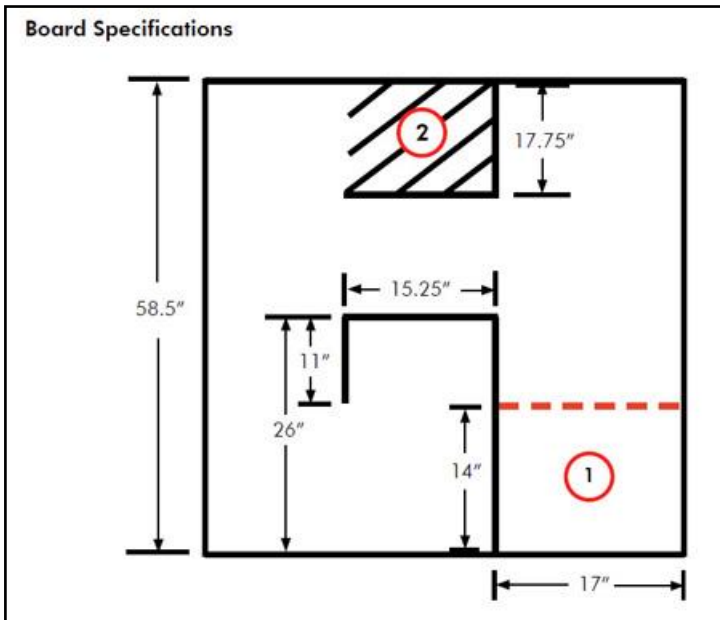


Preliminaries: (using text tool)

- Name Your Program (Drive Test Program)
- List you and your partner's names
- List Motor ports (such as B=Left Motor C=Right Motor)
- List Sensor Ports (such as 1=Light sensor 2= distance sensor)
-
- Describe what your robot will do
- "Save As" Get Going; browse to your student folder, Save

Maze Challenge



Program your robot to go autonomously from area 1 to area 2.

Robot should start when you say "Go!"

When it finishes, it should say something, then smile for 5 seconds.

Steps:

Do Preliminary steps list above.

Write the story (algorithm) of what the robot needs to do--- i.e., wait for sound, go forward, etc.

Place icons, configure correct ports, configure direction and steering

Determine how many rotations = a given distance going straight

Determine how many rotations= the *robot* turning 90 degrees when steering right or left

Test and modify program until it works; demonstrate and print out. No credit without proper documentation!