

# Straight Test

A robot that will not go straight will not run consistent.

## Test: Observation

1. Program the robot go straight 4 rotations using motor power starting at 30
2. Run the robot and observe if it goes straight.
3. Increase the motor speed per the table below and test again

## Test Results

Motor Power Level	Did the robot go straight?
30	
50	
70	
100	

## Test: Laser Level Straight Test

1. Use tape to mark a Spot A on the back wall of the base, left wall
2. Use a laser level to determine mark Spot B on the right wall and mark it with tape.
3. Program the robot to go straight from Spot A to Spot B
4. Start at Spot A and run the program.



## Test Results

Did the robot go straight and end up at Spot B?