**First Robotic Vehicle Assignment: Get Going**

**On program, type the name of the program, your names, what is connected to the ports (i.e., motors= B&C, sound sensor=port1, light sensor=Port 2)**

**Main program should have the story (*algorithm*) of what the robot is doing**

**Make sure you configure the icons with the correct ports.**

**To get credit, demonstrate robot and print out your program**

**Part 1: Go to line and stop, using *time* ( i.e. motors go for 3 seconds)**

**Part 2: Go to line and stop using *rotations* (i.e. motors turn for 4 rotations ).**

**EC: Talkwhile walking (connect sound icon to a parallel sequence beam)**

**EC: Smile *while* going (connect display icon to a parallel sequence beam, wait for time.**

**Part 3: Go to line, turn 180 degrees, stop- use steering control.**

**Part 4: Go to line, turn 180 degrees, repeat four times( place loop first, put motor icons into loop, select loop count for 4 )**- **Go around square, staying as close as possible to lines. Print this out and hand in.**

**8. Go a long distance- 10 feet or more- can you hit a 1 foot window? Does it drift?**