## Challenge

# **Table Bot** Level 1

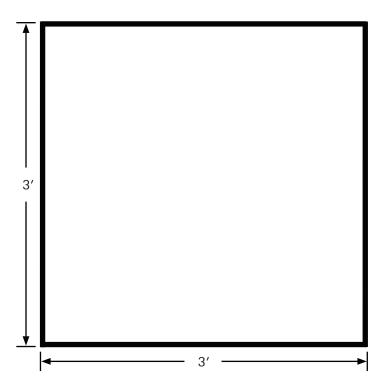
### **Challenge Description**

Your task is to build and program a robot which can maintain randomized movement on a game board indefinitely. While it motion, ensure the robot does not touch any walls by using its ultrasonic sensor. (See the Random Numbers Reference Page for help using the random command).

#### **Materials Needed**

• Game board

#### **Board Specifications**



Note: Diagrams are not drawn to scale