

Partner Names: _____

Date: _____

Making a Tri Wheel Robot

Why Tri Wheel robot?

A four wheel robot in earlier classes had problems while turning. A simple solution is to replace two front wheels with a single wheel that can turn freely in any direction. This kind of robot is very maneuverable.

Lab Objective:

- Build a frame for robot.
- Motors can be connected to make it either front wheel drive or rear wheel drive.
- Learn how to make a tri wheel and how to connect it to the rest of the robot frame.

Does your car go straight for 4 seconds? If not why, and how did you solve the problem?

Can you think of any other way of making a tri wheel? Draw it.

