365 MrG Mr. Gunkelman

This can be done if a group but each person MUST participate (write)

Names: _____

Curved Move/Tank Move

1. Curved Move and Tank Move both make the robot turn. Explain the difference between the 2 program2. Which seems easier to use and why?

- 2. What are the 3 different turn types?
- 3. Explain how you program the robot perform each of the turns (make sure to label each turn)

4. What is the purpose of the Wait Block?

5. Which method of turning worked best for the curved line?

Names: _

- 1. How did you move something larger than the cuboid?
- 2. What did you have to change in order to move the larger object?

3. Explain the program used to raise and lower the "medium motor – driving base"?

4. Explain the program used to move the cuboid 10 cm and leave it.

Stop at Object/Stop at Line

Names: _____

- 1. What sensor did you use to make your robot hit the wall and then back up?
- 2. What sensor did you use to make your robot stop BEFORE hitting the wall?
- 3. What sensor did you use to make your robot stop at the line?

Switch

Names: ___

1. What is a threshold value? (i.e. what does it do)

2. What were some of the problems you encountered while trying to make the robot follow the line?