

Name:
Homeroom:

Date:

Technology

Robot Introduction: Initial Observations

	Task	Question	Answer
1	Drive forward 2 rotations of the wheels	How far did your robot travel?	
2	Drive forward 2 degrees of the wheels	How far did your robot travel?	
3	Drive forward 2 seconds of the wheels	How far did your robot travel?	
4	Set your robot speed to zero and then drive your robot forward 5 rotations and then 1800 degrees backwards.	How far did your robot travel?	
5	Drive your robot forward 5 rotations slowly and then 1800 degrees backwards as fast as possible	What speed did you choose to move forward?	
		What speed did you choose to move backwards?	
		Did your robot travel farther going forward or backwards?	
6	Make your robot turn around in a complete circle 360°	Did it work the first time you tried it?	(Yes or No)
		How far did your robot turn if you typed 360° ?	
		What should degrees of the wheel be set to in order to get the robot to turn a complete circle?	
7	Drive your robot 20 inches and then turn 180° and drive back where you started	What did you have to program in order for it to work properly?	
		How much duration was needed to go forward 20 inches?	