

Team:
Members:

Robot:

Team Name:

Period:

Robot Educator – The Common Palette #4

Continue programming the Common Palette from the Robot Educator. After you have completed each number, show the teacher that it is complete. You may program ahead, but Ms. B. will only initial a maximum of 2 at a time. (45 pts)

Note: You will not receive credit until you have demonstrated the following:

- On *Detect Dark Line*, the robot must move forwards the length of at least 2 tiles before stopping at the line on the floor.
- On *Follow A Line*, the robot must follow the curved line on the floor from one end to the other.
- On *Detect Touch*, the robot must be placed between the 2 boxes in the room. If the sensor bumper is in the front, the robot must move forwards and stop, otherwise it must move backwards and stop when the bumper hits the box.
- On *Sensor Bumper*, the robot must move back and forth between the 2 boxes in the room.
- On *Hit Red Ball*, the robot must move forwards to the blue ball and not hit it. The robot must move forwards to the red ball and then hit it.

Students Fill This Out			Teacher Fills This Out			
#	Robot Educator Name	What does it do?	Date	Initials	Pts	Total
16					8	
17					8	
18					8	
19					8	
20					8	
XX	Show Ms. B. a flash drive with all 20 programs and xxxx.				5	