

Name: _____

Date: _____

EV3 Task List 1

Projects are Found in the **EV3 Software > Robot Educator > BASICS** Tab.

Complete these tasks in order. Color in the after completing the task.

1. **Configuring Block**

Learn how to configure Programming Block modes, parameters and values

Notes:

2. **Straight Move**

Investigate different ways of controlling a Driving Base moving in a straight line.

Notes:

3. **Curve Move**

Use the Move Steering block to steer the Driving Base.

Notes:

4. **Tank Move**

Use the Move Tank block to steer the Driving Base

Notes:

5. **Move Object**

Program the Driving Base to move and release the Cuboid

Notes:

6. **Stop at Line**

Use the Color Sensor to stop the Driving Base when a line is detected.

Notes:

7. **Stop at Angle**

Use the Gyro Sensor to navigate the Driving Base through a 45-degree turn.

Notes:

8. **Stop at Object**

Use the Ultrasonic Sensor's Wait for Change mode to detect proximity to an object.

Notes:

9. **Brick Programming**

Use the Brick Program App on the EV3 Brick to program the Driving Base.

Notes: