

# Programming Your V5 Controller

Gradesheet - (30 pts.)

*Purpose: Students will learn how to program their Controller.*



Go to the [class site](#) for tips on how to program all the buttons on your controller and coding hints that will allow you to achieve all the tasks stated below.

Remote Control Programming		
<b>Program Controller: "Motion" - Using Motors!</b>	<b>For just this exercise, you will need to use "Motors" instead of "Drivetrain" for Motion.</b> Program the Left Joystick Direction #3 on your Controller so that both the Left & Right Wheels will move Forward and Backward when #3 joystick is pressed. Program the Right Joystick Direction #1 on your Controller so that your Robot is able to turn right & left when the #1 joystick is pressed.	10pts
<b>Program Controller: "Arm &amp; Claw."</b>	Program the Controller so that the Arm will raise when L1 is pressed. The Arm will lower when L2 is pressed. The Claw will open when R1 is pressed and close when R2 is pressed.	10pts
<b>Brake</b>	Create a Program that: 1. Stops the Arm from lowering and 2. Stops the Claw from opening or closing, when the button is released. <i>(The code is on the Class Site!).</i>	10pts

