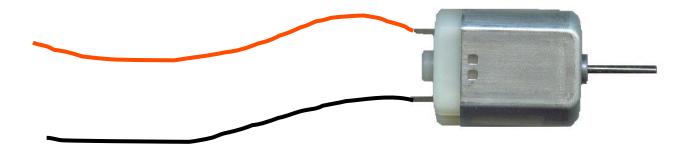
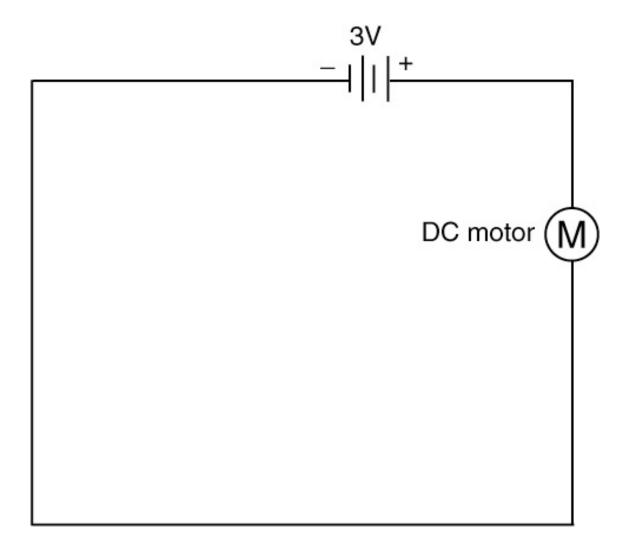
week 07

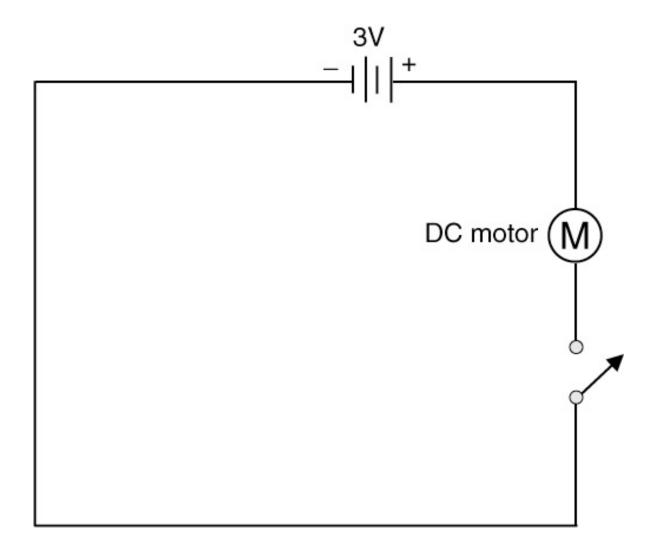
Output 2: DC Motors

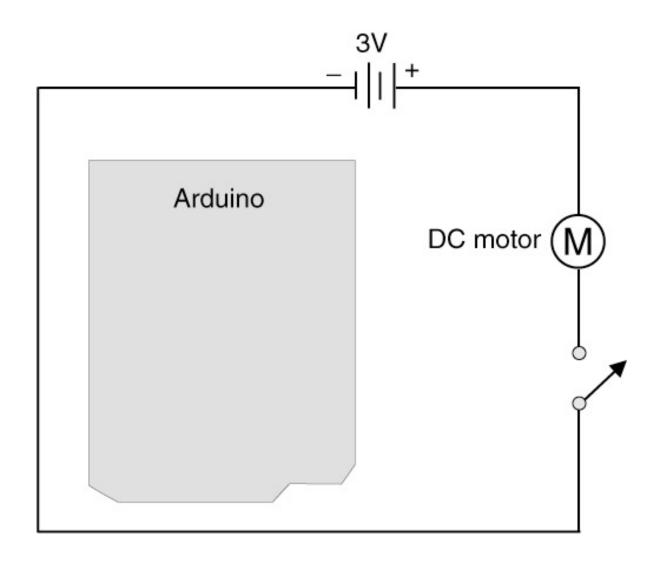
Making motions

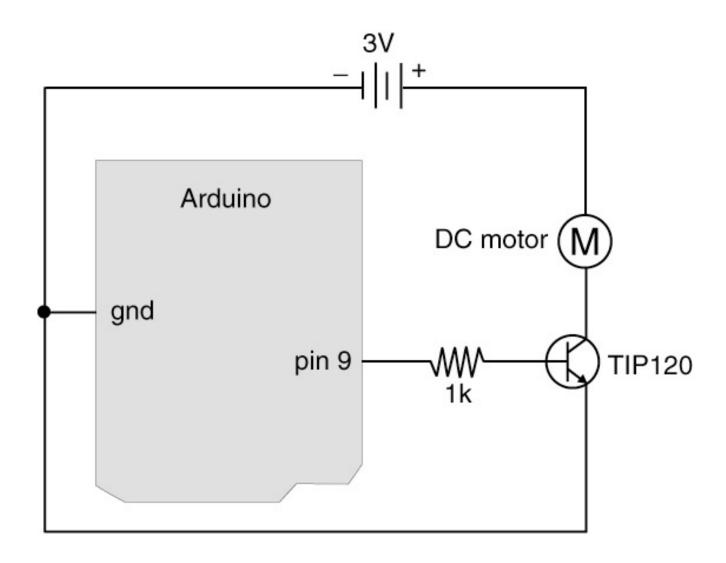
DC Motor

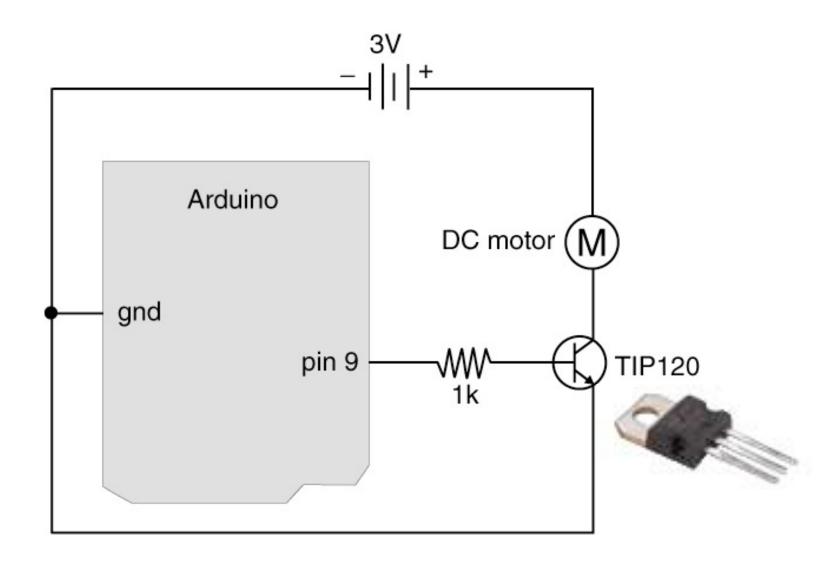




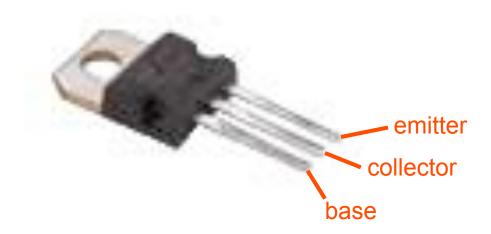


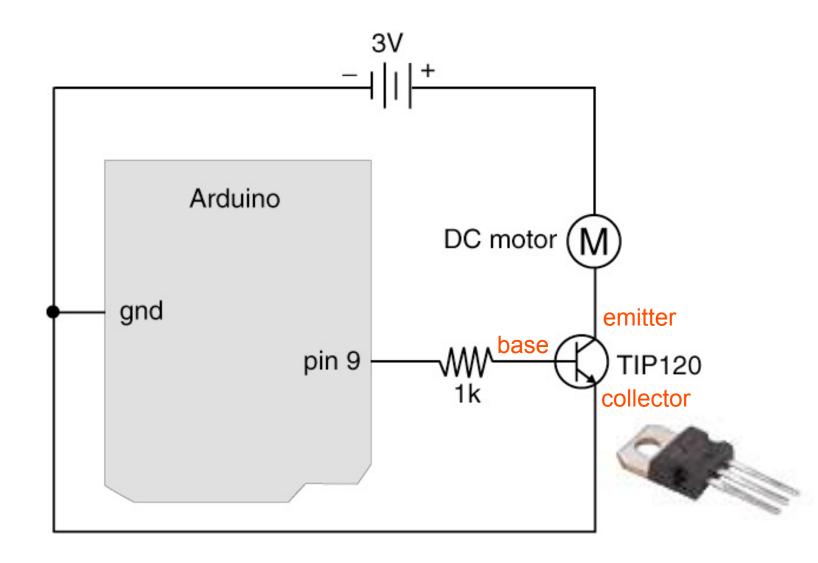


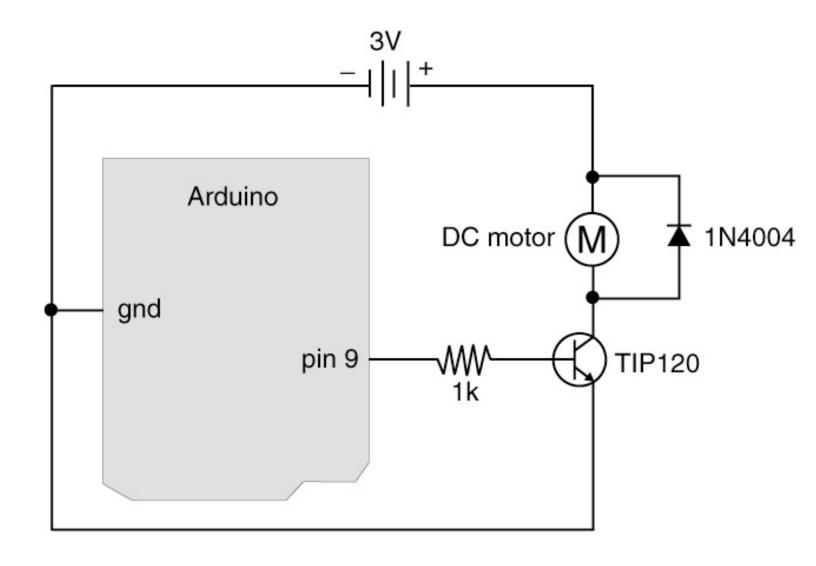


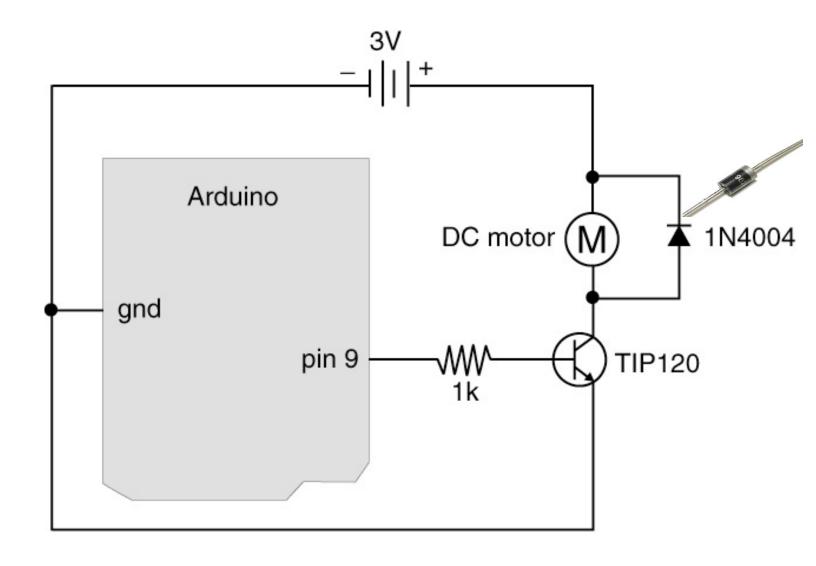


Transistor



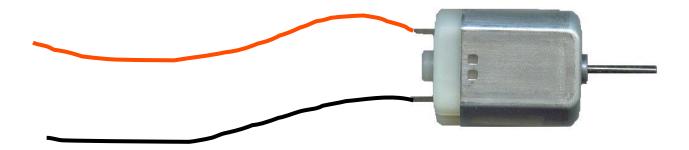




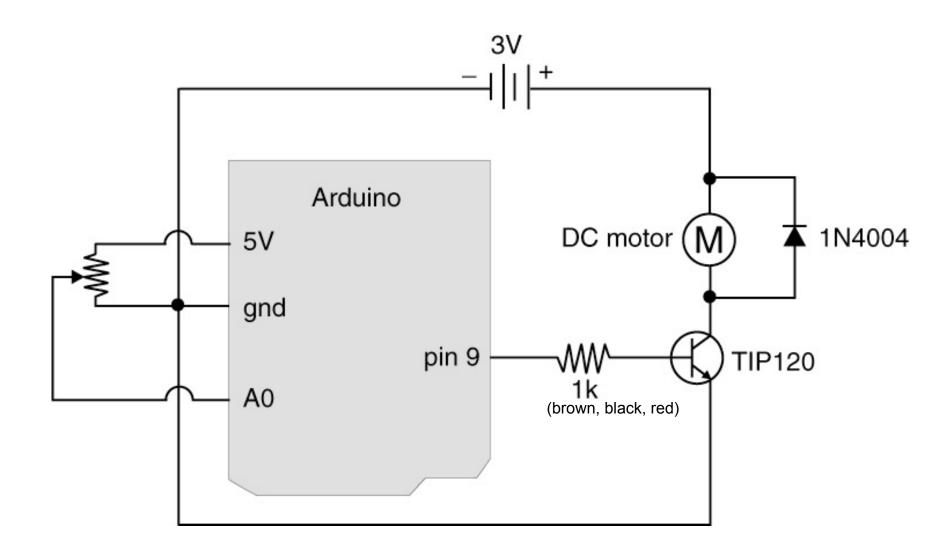


- 1. Solder wires to the motor
- 2. Build the DC motor circuit
- 3. Try your input sensors
- 4. Explore different propellers and eccentric weights

DC Motor

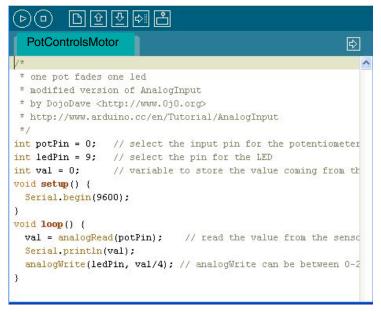


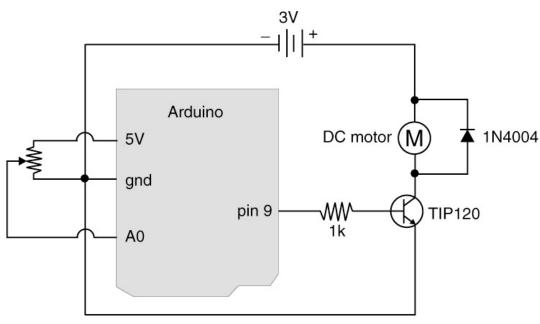
- 1. Solder wires to the motor
- 2. Build the DC motor circuit
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- 4. Explore different propellers and eccentric weights



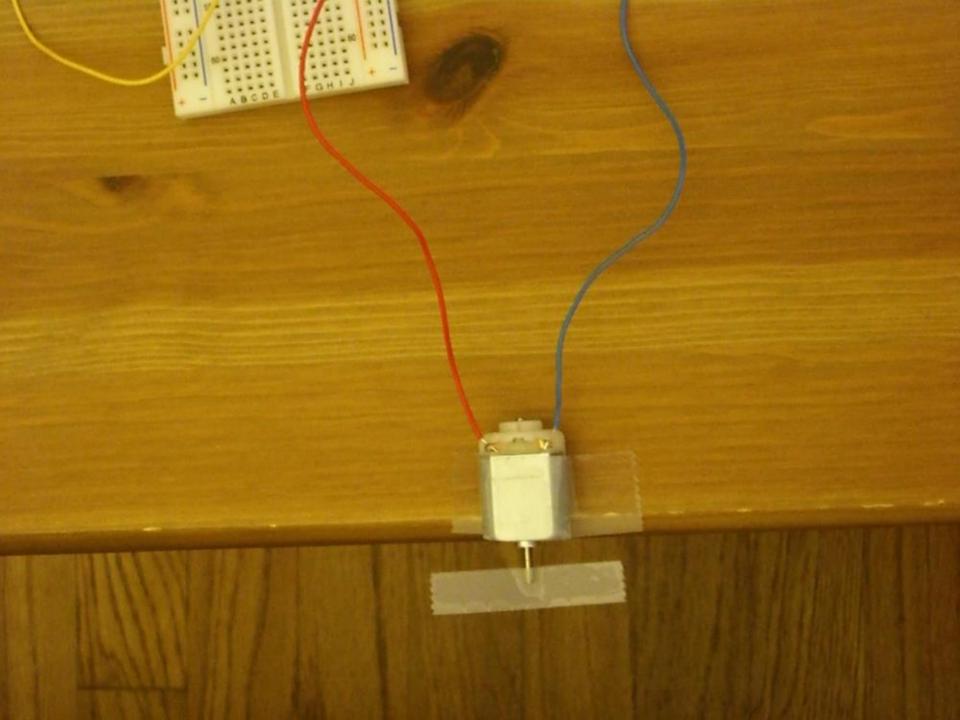
- 1. Solder wires to the motor
- 2. Build the DC motor circuit
- 3. Try your input sensors
- 4. Explore different propellers and eccentric weights

PotControlsMotor



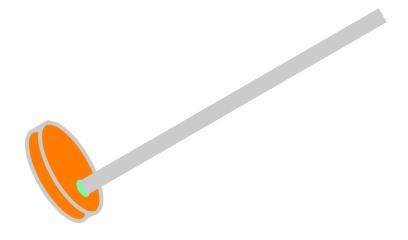


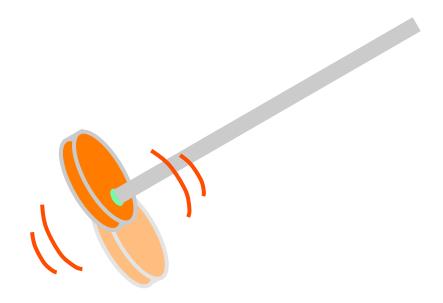
- 1. Solder wires to the motor
- 2. Build the DC motor circuit
- 3. Try your input sensors
- 4. Explore different propellers and eccentric weights



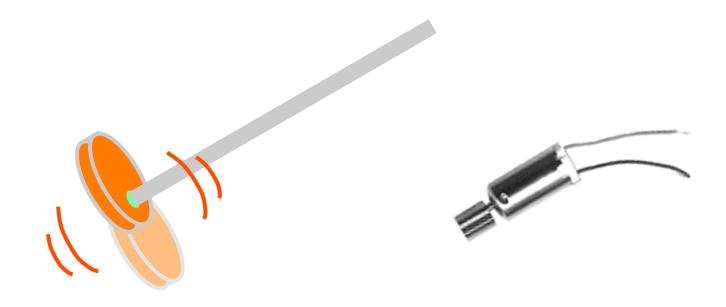
Cork Eccentric Weight





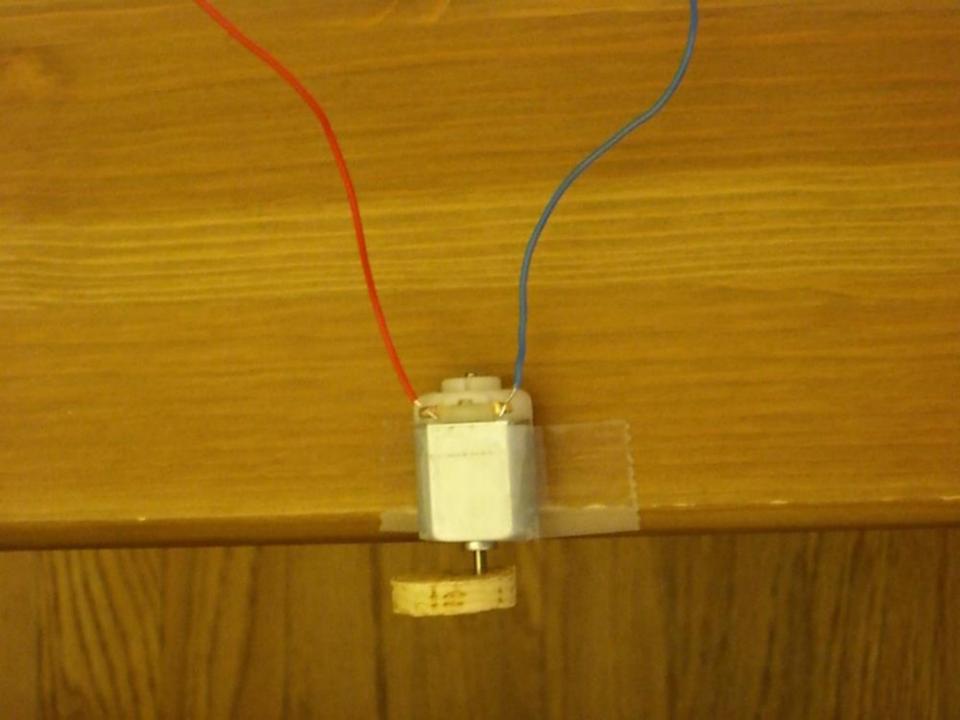


Eccentric Weight



Cork Eccentric Weight





Supplement Reading

Making Movement: Chapter 10 of O'Sullivan and Igoe.

Assignment this week

Explore motion as an output (in a form of display or tactile feedback). Use your DC motor to create vibration or rotational motion (e.g., pinwheels, dancing wires, etc.).

Optional: Combine it with other output (sound, lights, etc.)

Thanks!