

Name _____

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Basic Switch Review

Goal: Review how to connect basic switches so that your projects go more smoothly

- Get a switch from the tub of switches. You're not allowed to pick one of our standard button switches.
- Figure out how the switch you chose works. You may need to use your multimeter to see which pieces of the switch are connected, and when.
- Figure out how to hook up the switch in a basic switch circuit. Use a multimeter to verify that the output from the switch is 0 V in one state, and 5 V in the other state. You may want to borrow some extra alligator clips.
- Draw the schematic for the circuit you built in the space below.

Demonstrate the circuit and show your schematic to your instructor:

_____ (Instructor Initials)

Return the switch to the tub and return any alligator clips you borrowed:

_____ (Instructor Initials)