

# Pre-Lab: Current Electricity

**Definition:** Electric charge (*electrons*) that moves from a source of electrical energy along a controlled path in an electric circuit.

**Electric current** = the flow of electrons (*negatively charged*).

**Circuit** = the path along which electrons move or flow.

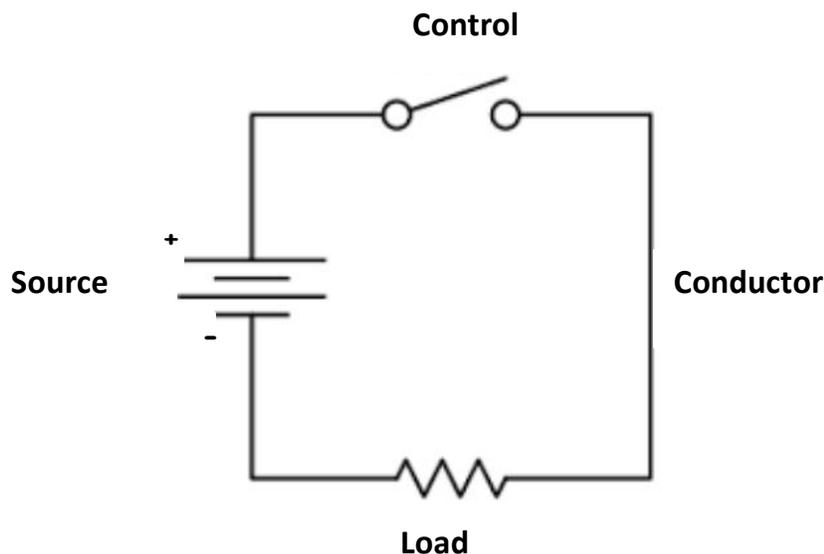
## Circuits are made up of four basic parts:

**Source:** The source of electric energy (*e.g. battery*).

**Conductor:** The wire through which current flows.

**Load:** Items along the circuit that convert electricity into other forms of energy (*e.g. bulb or other resistor*).

**Control:** A switch or device that can turn the circuit or devices along it on or off.



### Remember:

Electrons flow from the negative side of the battery to the positive side.