Breadboards

* Used to connect circuits together in an easy and quick manner without soldering to build an electrical circuit
  + Referred to as “rapid prototyping”
  + Keep the breadboard neat
* Holes in sets of 5
  + Vertical sets are isolated from rest of board
* Holes in middle in two sets of 50 (bottom and top)
  + Positive(red) and Negative(black) sets isolated from rest of board

Digital Multimeter

* Used to measure voltage, current, and resistance

Prevent blowing fuses

* + Put selector switch in proper mode before putting anything in the multimeter
    - Attach alligator clips to black and red pins of multimeter.

Voltage In Parallel

* Alligator to ground (black)
* Alligator to power (red)

Resistance in Parallel

Power Supply

* Used to provide power to circuits
* Voltage provides current to circuit
* 500 mA max

Ohm’s Law = V\_R = I \* R

V\_R = Voltage across resistor

I = Current flowing through resistor

R = is the resistance in Ohms’s