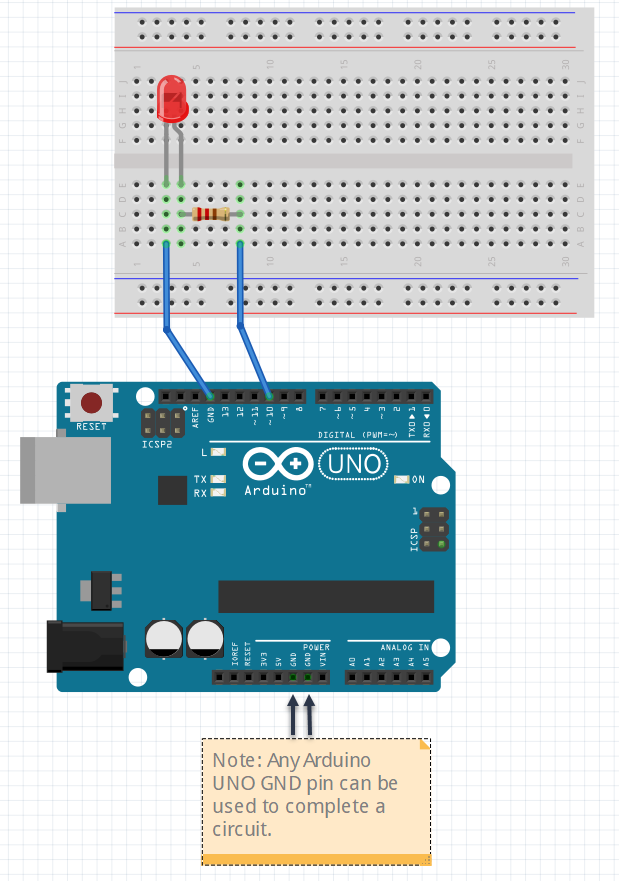
**Arduino In-Class Activity**

**Student Reference Sheet**

**Breadboarding:** The example below shows a circuit breadboarded from the Arduino UNO’s Digital pin #10, through the resistor and LED, and back to ground (GND) on the Arduino UNO. This circuit is electrically complete.



**Writing the Sketch:** The generic format for the Arduino Sketch statements you may need to use in this activity are provided below:

pinMode(pin\_number, OUTPUT or INPUT);

digitalWrite(pin\_number, HIGH or LOW);

delay(milliseconds);