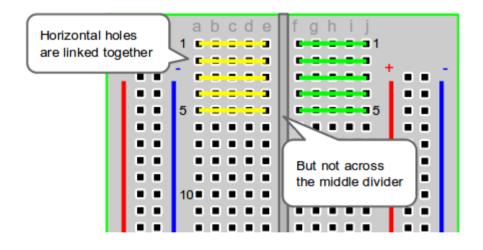
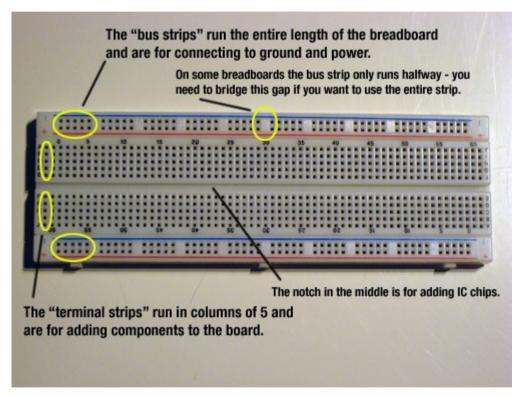
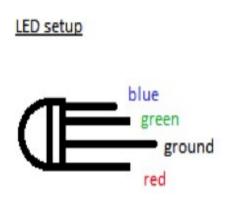
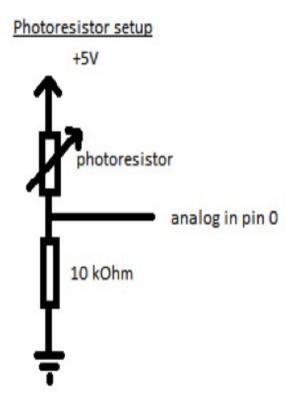
#### Breadboard



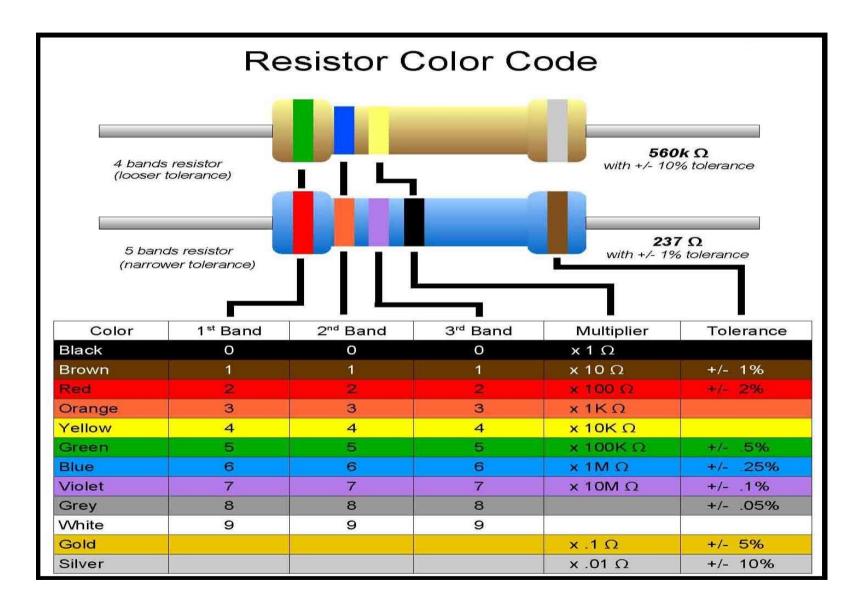


# LEDs and Voltage Dividers

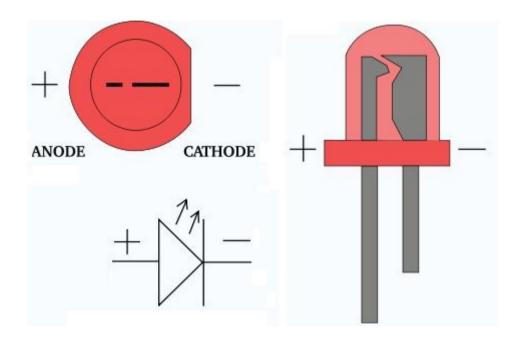




#### Resistors!

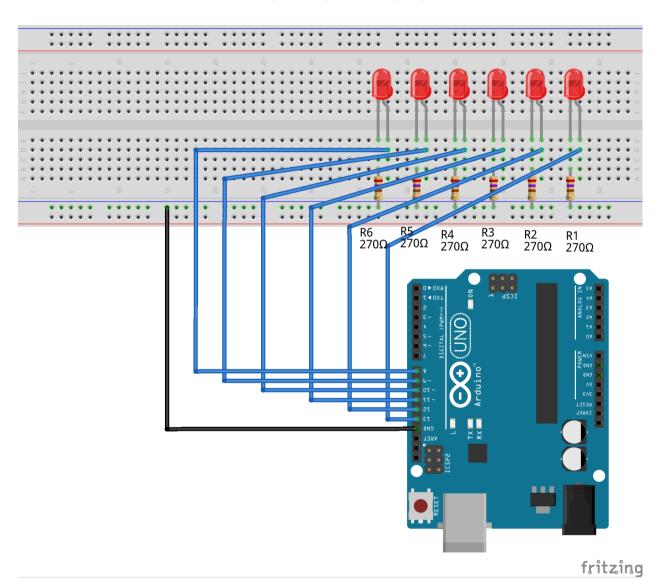


## More LEDs



http://www.instructables.com/id/LED-Polarity-Tester/

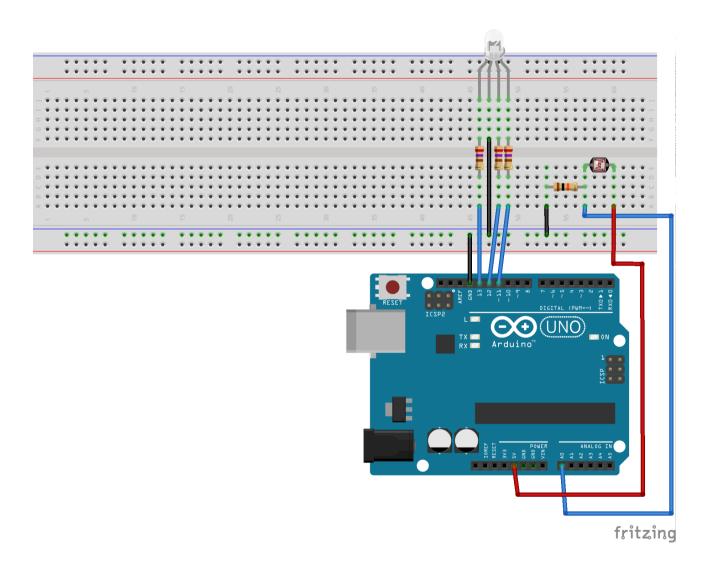
### Die Circuit



### Die Parts

- 6 LEDs
- 6 270 Ohm Resistor

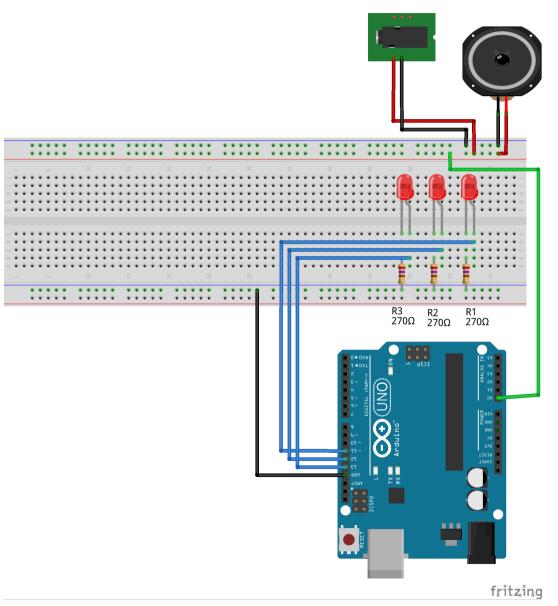
#### Distance Detection Circuit



#### Distance Detection Parts

- 3 270 Ohm resistor
- 1 10K Ohm resistor
- 1 Photo-resistor

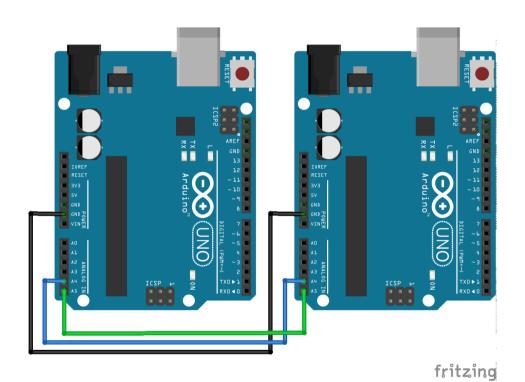
# Party Lights Circuit



# Party Lights Parts

- 1 Speaker
- 1 Audio Jack
- 3 LEDs
- 3 270 Ohm resistors

# **Chat Circuit**



## **Chat Parts**

• 2 - Arduinos