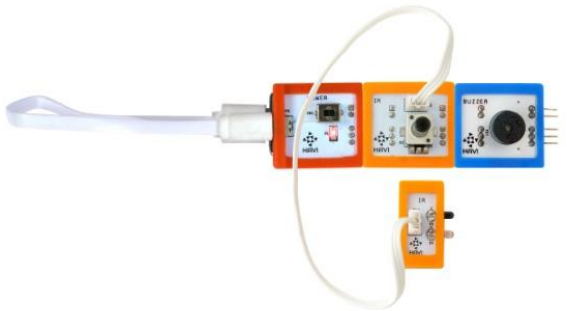


# Observations of IR behaviour against different material and objects

This worksheet is related to the post : [havi.co/blogs/how-ir-sensor-works](http://havi.co/blogs/how-ir-sensor-works)  
 Educators should please refer the post first better help their students.

**Snap the Power IR and Buzzer elements to prepare the circuit. Turn the power on and tune the IR element using potentiometer so the buzzer will make the sound when an object comes closer.**



Now try the tuned circuit against various objects and materials and see if buzzer turns on. Write your observations.

Objects & material	Will buzzer make a sound? If yes, sound level (Low/High)
Bright sunlight	
Low sunlight(dusk)	
Fire(Use a matchstick or candle)*	
Water	
Colored water	
Transparent glass	
Smoke glass	
Transparent plastic	
Another IR element	
TV remote control	

Special observation if any:

\* Adults must accompany and support a kid performing this experiment.