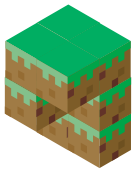
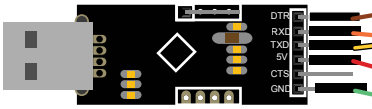
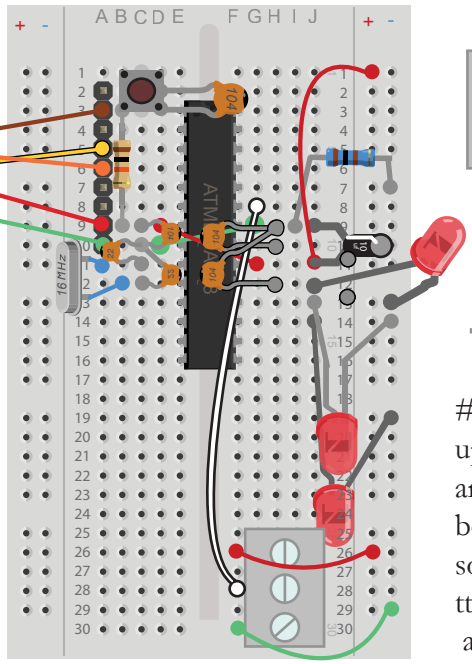
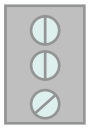








3pin Screw connector Block x1

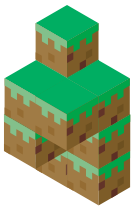
LDR (Light Dependent Resistor) x1

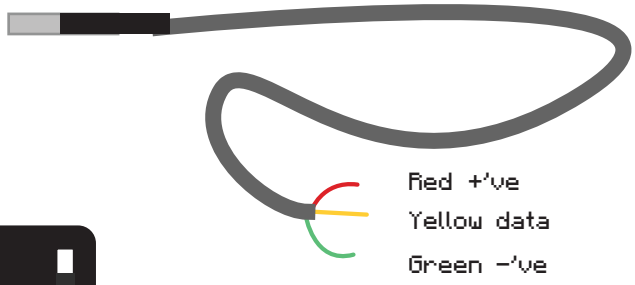
10KOhm Resistor x1

Jumper wire x2

#Connect a jumper wire (yellow) from F28 to G8: this is our analog read wire connected to Analog 0 on the arduino chip pins
#Connect a jumper wire F26 to the red (+'ve) rail to power it
#Connect a jumper wire F30 to the red (-'ve) rail to power it

#Now use the USB connector to upload the Blink sketch to the arduino. Use Arduino UNO as the board type and the serial port will be something like tty.SLAB_USBtoUART, Choose it and upload Blink from the Examples area of Arduino. If the LED on J12(pin13 on arduino) flashes that means everything is working

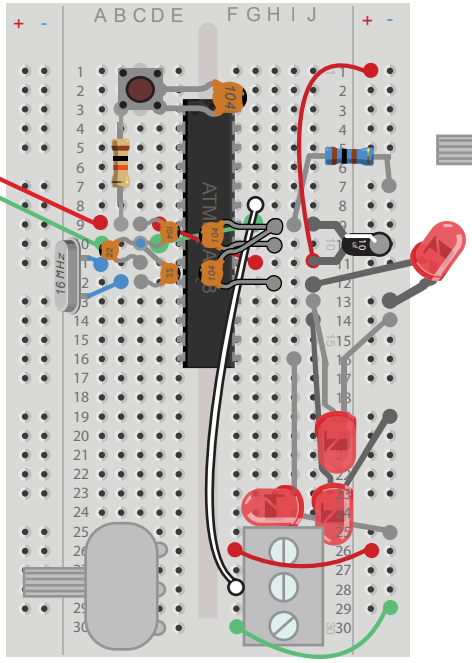


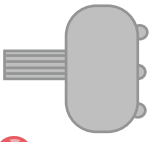


DS1820 Waterproof Temperature sensor x1

2 x AAA Battery Holder (4.5V)

#You can then add a temperature sensor or a potentiometer or any 3pin analog input to capture data on G8, or analog0 on arduino chip: just move the pins to read the pot





Rotary Potentiometer x1

#Now use the USB connector to upload the WalneyTempListener to the arduino. Use Arduino UNO as the board type and the serial port will be something like tty.SLAB_USBtoUART

#Then to go wild and launch your sensor you need to disconnect your USB connector and hook up your battery pack: insert the red wire (+'ve) into A9 and the green wire (-'ve) into A10. Once connected we can stick the pack to the underside of the breadboard