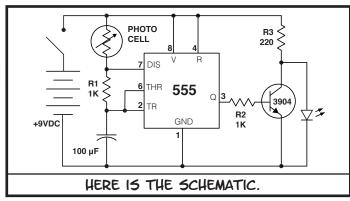
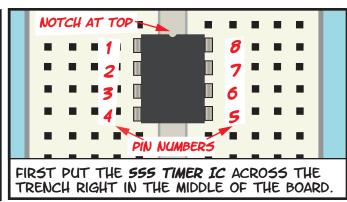


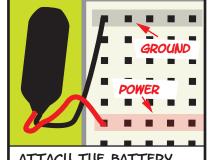
WE'RE GOING TO BUILD A SIMPLE PHOTOMETER USING A PHOTORESISTOR AND AN LED. THE MORE LIGHT FALLS ON THE PHOTORESISTOR, THE FASTER THE LED FLASHES.

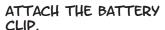


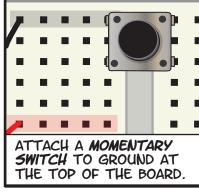


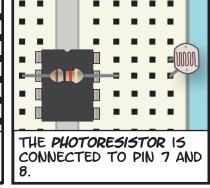


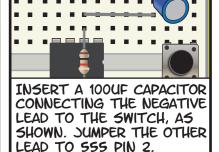
ATTACH A 1K RESISTOR ACROSS THE IC, BRIDGING PINS 2 AND 7. TRIM AND BEND COMPONENT LEADS, AS YOU GO, TO KEEP EVERYTHING COMPACT.

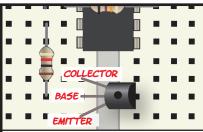




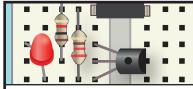








PLACE THE NPN TRANSISTOR BENEATH THE IC. PUT A 1K RESISTOR BETWEEN PIN 3 AND THE TRANSISTOR BASE.



CONNECT THE LED'S ANODE TO THE TRANSISTOR'S EMITTER, AND ITS CATHODE TO THE COLLECTOR. CONNECT A 220(OHM) RESISTOR ACROSS THE EMITTER AND SSS PIN 4

