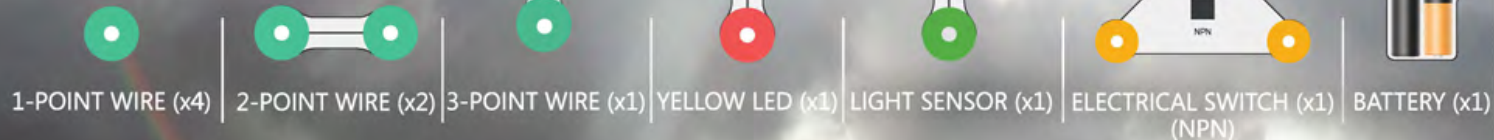


WHAT YOU'LL NEED



BUILD A Solar Controlled Light

WHAT YOU'LL LEARN

A light sensor is a kind of switch that can help turn lights on and off.

When there is light, the circuit is on; when there is no light, the circuit is off.



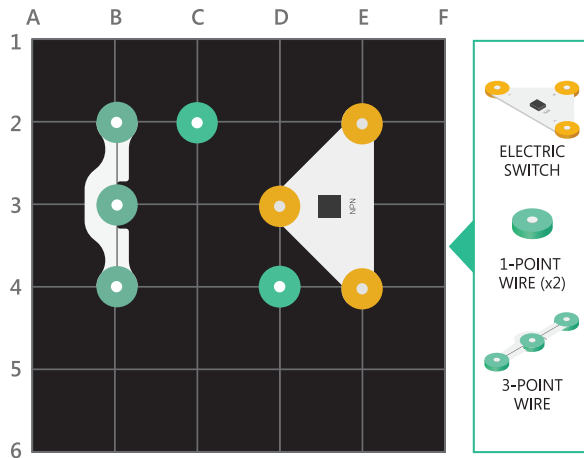
Magnetic, snap-together modules
for learning basic circuitry

BUILD A

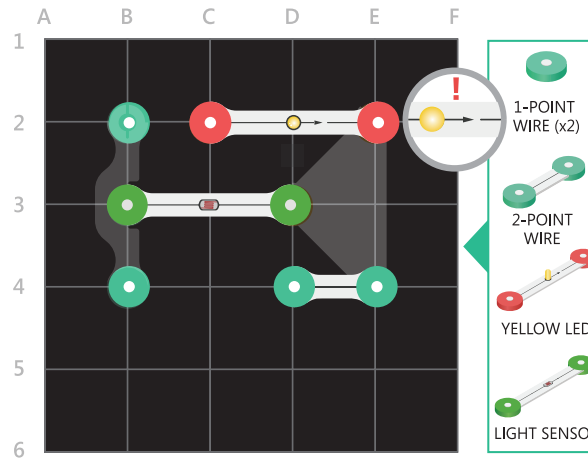
Solar Light



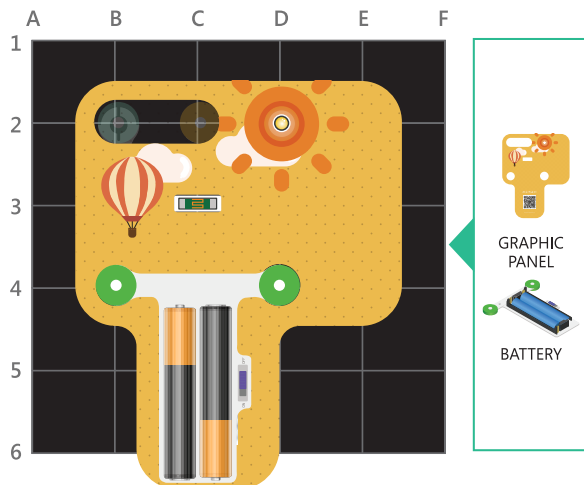
Magnetic, snap-together modules
for learning basic circuitry



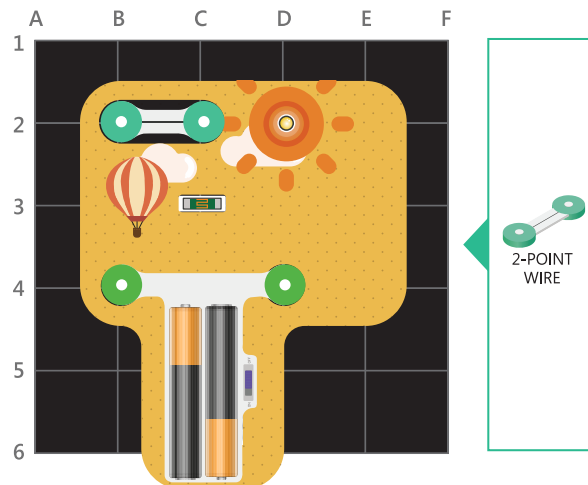
Step 1: Place the NPN, two 1-point wire component, and one 3-point wire component on the board as shown.



Step 2: Place two 1-point wire component, one 2-point wire component, one yellow LED, and the light sensor on top of the pieces from step one, as shown.



Step 3: Add graphic panel and battery. Flip switch on battery to "ON" position.



Step 4: Place one 2-point wire component on top of the pieces from step three, as shown.

