

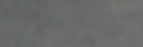


## WHAT YOU'LL NEED

1-POINT WIRE (x5)



2-POINT WIRE (x4)



3-POINT WIRE (x3)



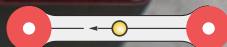
4-POINT WIRE (x1)



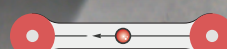
ELECTRIC SWITCH (x1)



YELLOW LED (x1)



RED LED (x1)



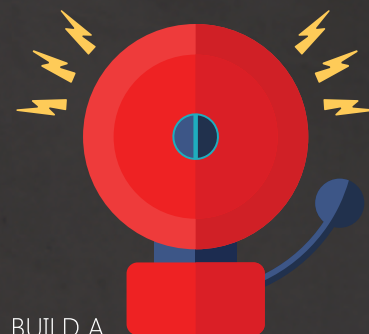
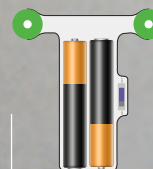
SLIDING SWITCH (x1)



BUZZER (x1)



BATTERY (x1)



## BUILD A Kitty Alarm

The buzzer makes sounds by vibrating the air.

Moving the slider back and forth changes how hard it vibrates, changing the sound the buzzer makes.

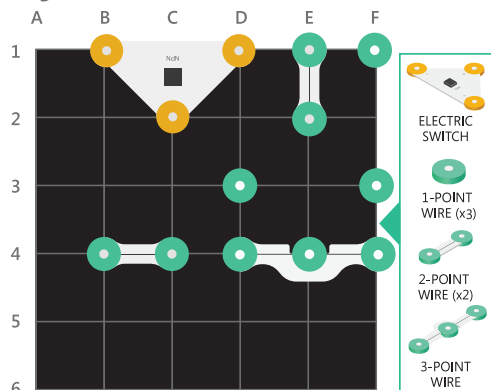


Magnetic, snap-together modules for learning basic circuitry

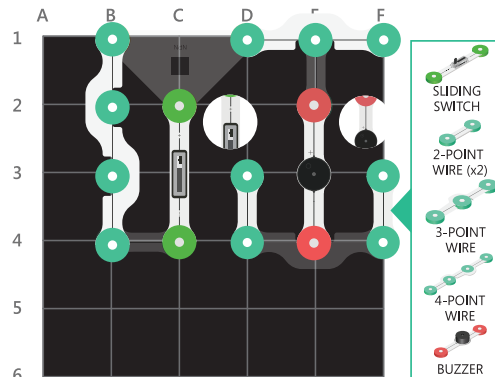
# Kitty Alarm



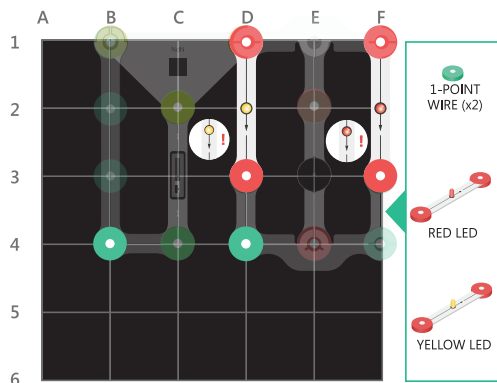
Magnetic, snap-together modules for learning basic circuitry



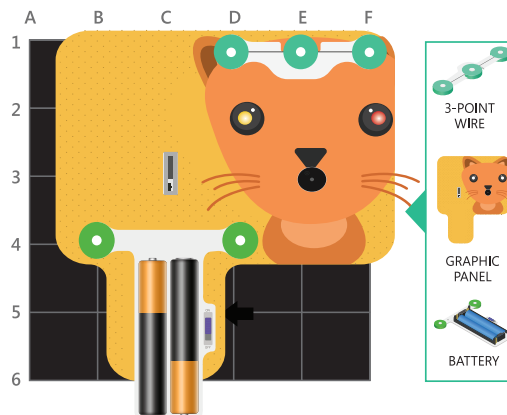
**Step 1:** Place the NPN, three 1-point wire components, two 2-point wire components, and one 3-point wire component on the board as shown.



**Step 2:** Place the sliding switch, two 2-point wire components, one 3-point wire component, one 4-point wire component, and the buzzer on top of the pieces from step 1, as shown.



**Step 3:** Place the red LED, the yellow LED, and two 1-point wire components on top of the pieces from step 2, as shown.



**Step 4:** Add graphic panel and battery. Flip switch on battery to "ON" position. Put the one 3-point wire on the cat's head only to keep graphic panel in place.

