



BUILD A Buzzer Control

WHAT YOU'LL LEARN

The buzzer makes sound by vibrating (or shaking) the air.

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

Like the battery, the buzzer has both positive $+$ and negative $-$ poles.



Magnetic, snap-together modules
for learning basic circuitry

WHAT YOU'LL NEED



1-POINT WIRE (x4)



2-POINT WIRE (x2)



3-POINT WIRE (x1)



SLIDING
SWITCH (x1)



BUZZER (x1)



ELECTRICAL SWITCH (x1)
(NPN)



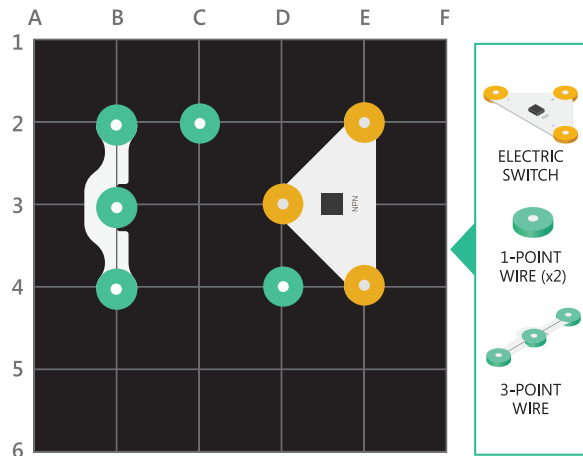
BATTERY (x1)

BUILD A

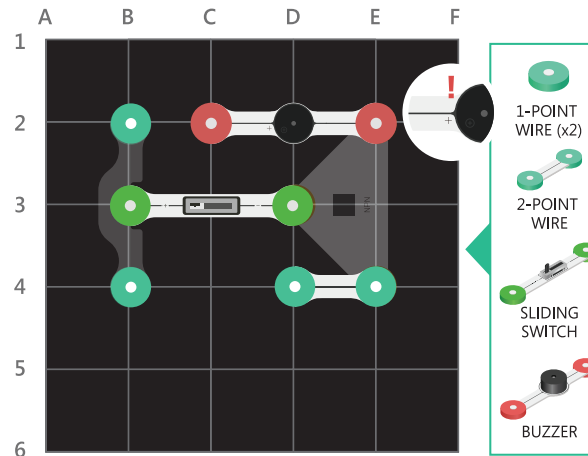
Buzzer Control



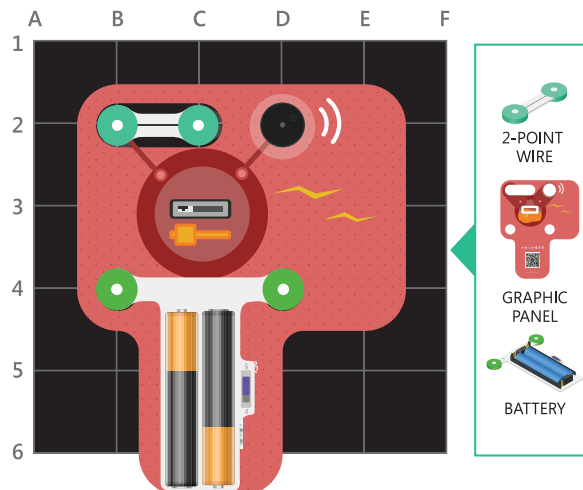
Magnetic, snap-together modules for learning basic circuitry



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



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



Step 3: Place one 2-point wire component on top of the pieces from step 2, as shown. Add graphic panel and battery. Flip switch on battery to the "ON" position.

