BUILD A
Stop Light

WHAT YOU'LL LEARN

LED stands for "Light Emitting Diode." The LED only lets the current go in one direction. The LED piece is like the wire except it has a part of it missing in the middle. When the current gets to the hole, it jumps across. When it jumps, it gives off light.
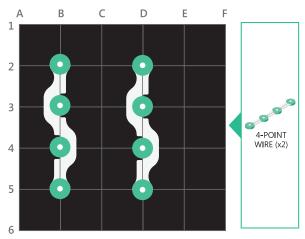
ⓜ PUZZLE

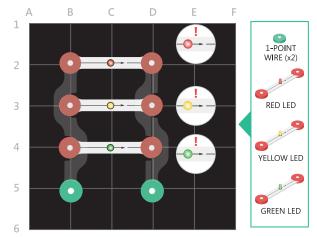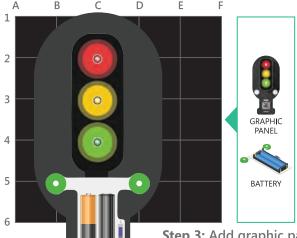Magnetic, snap-together modules for learning basic circuitry

WHAT YOU'LL NEED

| 1-POINT WIRE (x2) | 4-POINT WIRE (x2) | GREEN LED (x1) | YELLOW LED (x1) | RED LED (x1) | BATTERY (x1) |

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Step 1: Place two 4-point wire components on the board as shown

4-POINT WIRE (x2)

Step 2: Place the red LED, yellow LED, and green LED on the board as shown. Place two 1-point wire components on the two remaining open points.

1-POINT WIRE (x2)

RED LED

YELLOW LED

GREEN LED

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

GRAPHIC PANEL

BATTERY

MAAP33C