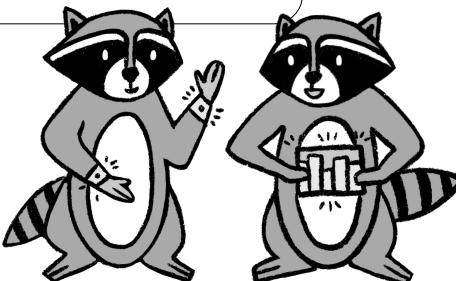




This zine was created by the MIT Media Lab Public Library Innovation Exchange (PLIX) and Jie Qi, the creator of Circuit Stickers.

More ideas:  
[chibitronics.com](http://chibitronics.com)  
[plix.media.mit.edu/activities](http://plix.media.mit.edu/activities)



Share your experience running this activity on Twitter or Instagram and tag us @heyplix

[plix.media.mit.edu](http://plix.media.mit.edu)

### Bright Ideas

Remix this!  
 CC BY-SA 4.0



# PLIX Paper Circuits

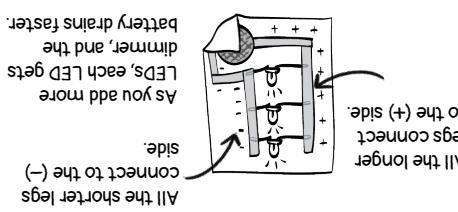


### Add More LEDs in Parallel / Series



Or, wire a series circuit.

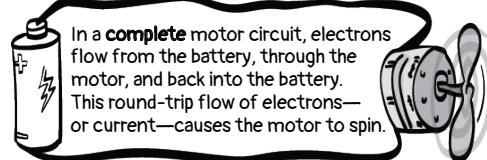
Not all color LEDs work together, because they have different voltages. Experiment and see what colors can share the same battery!



Light up two or more LEDs! There are two ways to add multiple LEDs to your circuit.

### Circuit Basics

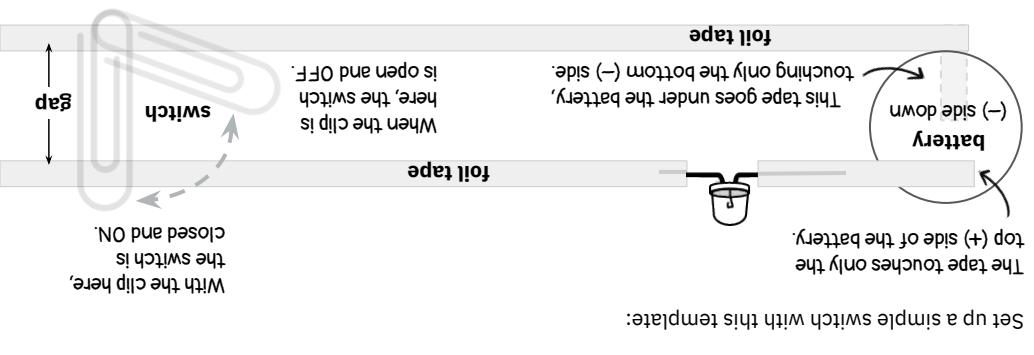
Anything that uses electricity has a circuit!



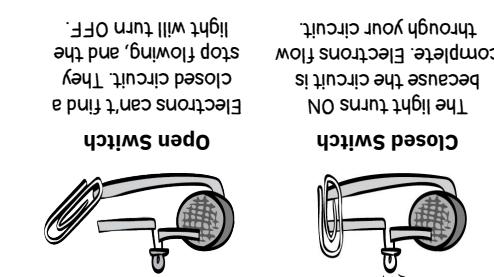
Build your own simple circuit using an LED (light-emitting diode) and a battery.



When the legs of the LED are in the right places, the circuit is complete, and it lights up!



Set up a simple switch with this template:



A switch is just a gap in your circuit that something else conducts — like a paperclip or another strip of foil — can bridge.

Make your projects interactive with a switch!

### Control Your Circuit

### Make a Simple Paper Circuit

Use foil tape and paper to expand your circuit.

