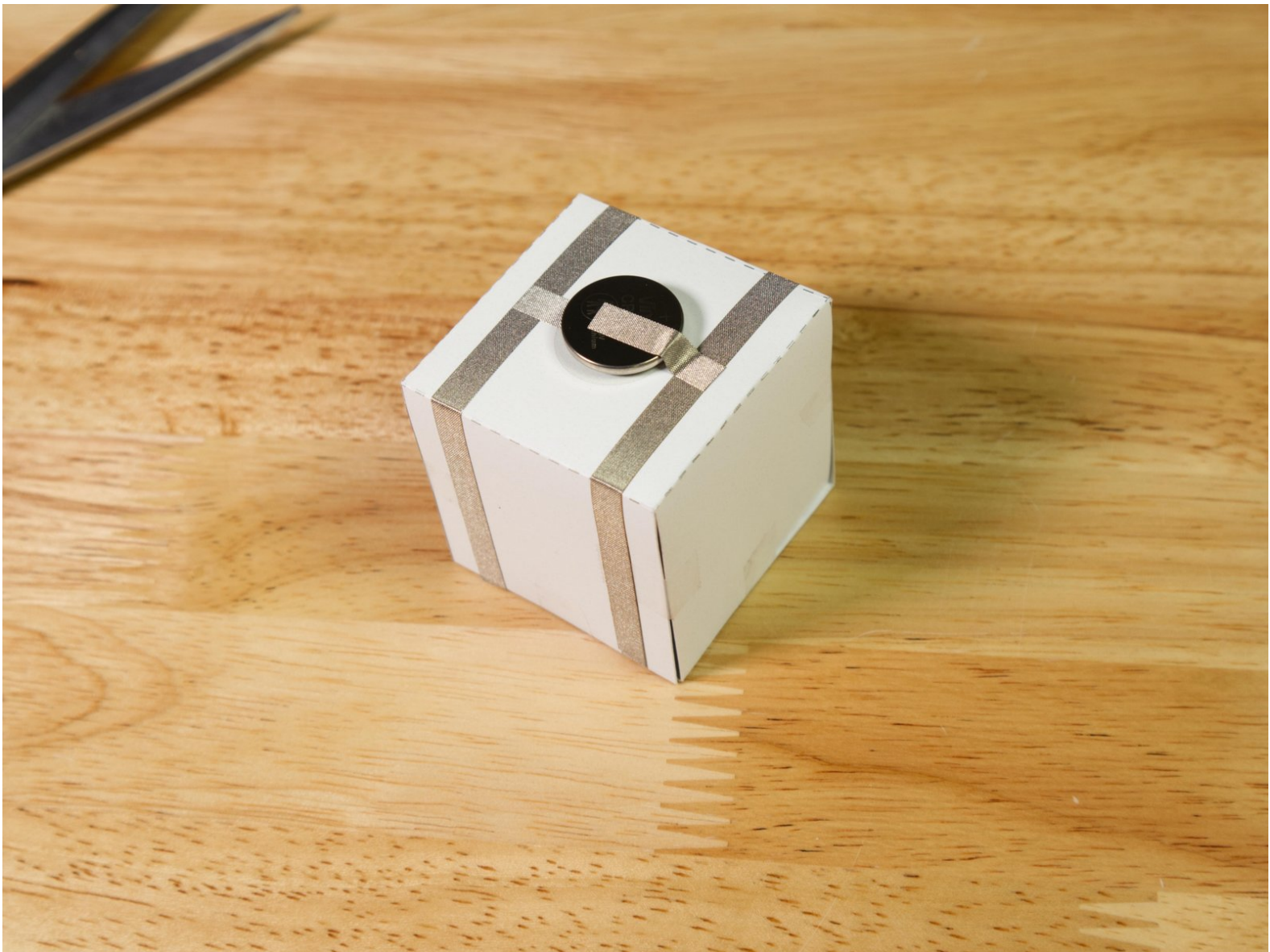




Paper Circuits Cubes - Battery

Use these easy to make Paper Circuits Cubes to demonstrate the basics of circuitry. Learn about open and closed circuits, polarity, power and components.

Written By: Pete Prodoehl



INTRODUCTION

Use these easy to make [Paper Circuits Cubes](#) to demonstrate the basics of circuitry. Learn about open and closed circuits, polarity, power and components.

Besides our **Paper Circuits Kit** (which contains Maker Tape, batteries, and LEDs) you'll need a few magnets, washers, and tape.



TOOLS:

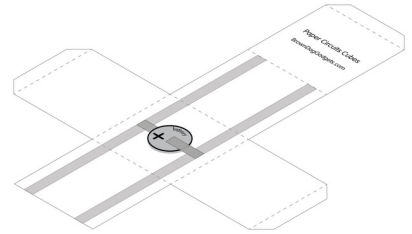
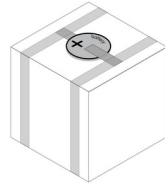
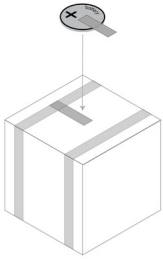
- [Scissors](#) (1)
- [X-ACTO Knife](#) (1)



PARTS:

- [Paper Circuits Kit](#) (1)
- [Tape](#) (1)
- [Masking Tape](#) (1)
- [Ceramic Magnets \(18mm\)](#) (1)
- [Washers](#) (1)

Step 1 — Build the Cube

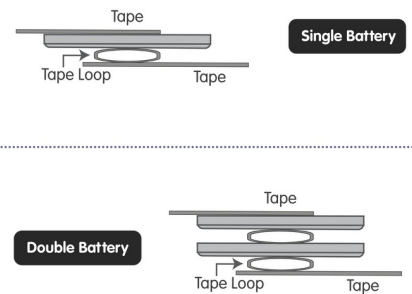
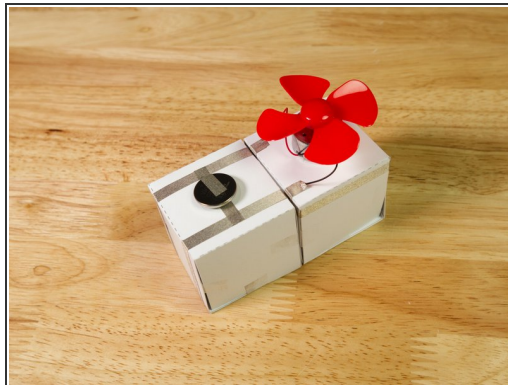
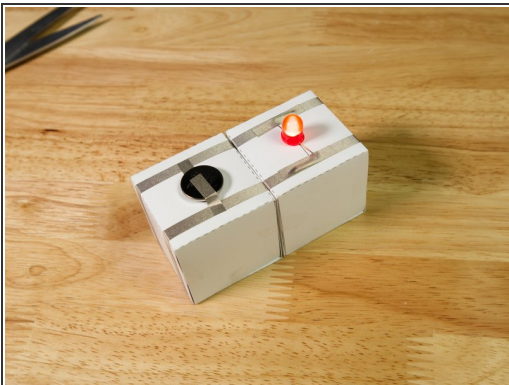


⚠ If you haven't built any cubes yet make sure to check out the guide for [Paper Circuits Cubes](#) first.

- Use this cube along with a CR2032 Battery to power your circuits.

📌 Reminder: Assemble the cube before you apply the Maker Tape.

Step 2 — Use the Cube



- You should be able to power LEDs and most other components with a fresh CR2032 3.3 volt battery.
- If you have components that need more voltage it **is** possible to double stack two batteries to get more power.

⚠ You won't increase the amount of current, so running a fan or other power hungry component should only be used briefly for demonstration purposes.