

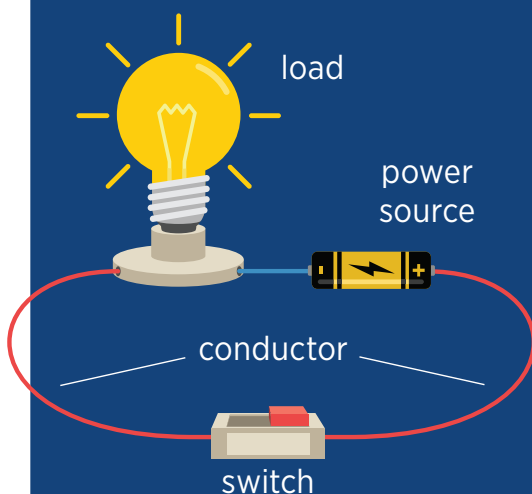
Try This!

Build a circuit to power a light bulb, a buzzer, or a motor.

Look at the materials you can use for building—then design a switch to turn the electricity in the circuit on or off.

Remember, your switch must include a **conductor**—a material that lets electricity flow through the circuit.

Add your switch to the circuit. Does it work as you planned?



How does this work?

A circuit needs a few things to work—a current source, conductors, and a **load** block, like a light or a buzzer. Once you've made a circuit with those parts, see if you can add a switch block. A **switch** allows electricity to flow through the circuit or cuts it off.

Can your invention be improved?

Design an improvement to your switch and test your new idea.



1

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2

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3

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Taking It Further:

Can your invention be improved? Design an improvement to your switch and test your new idea.



4

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