

Simple Circuit



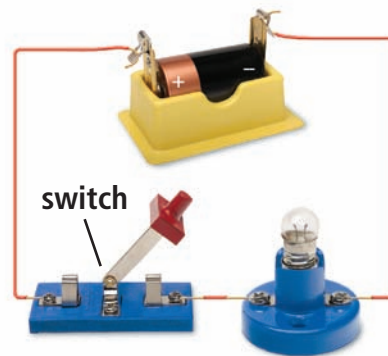
When the parts of the circuit are connected with no gaps, the bulb will light.

Series Circuit



If you remove one part from the circuit, you create a gap. Current no longer moves through any of the parts.

Simple Circuit With a Switch



A switch allows you to open and close the circuit without disconnecting any wires.

Parallel Circuit



If you remove one part from the circuit, current can still move through the other parts.