

A

Simple Circuits

In this section, I will

- explain that an electrical device will not work if there is a break in the circuit
- describe how a switch opens and closes a circuit
- explain why models do not fully represent an idea
- explain relationships and quantities through models
- describe the use of science where I live

Thinking cap

I wonder if a lamp can light up if the wires in a circuit are not connected properly...



There is a break in the circuit so electricity can not flow around the wires, stopping the lamp from lighting up.

Components of a circuit:

1. the cell or battery
2. wires
3. lamp or bulb
4. switch