

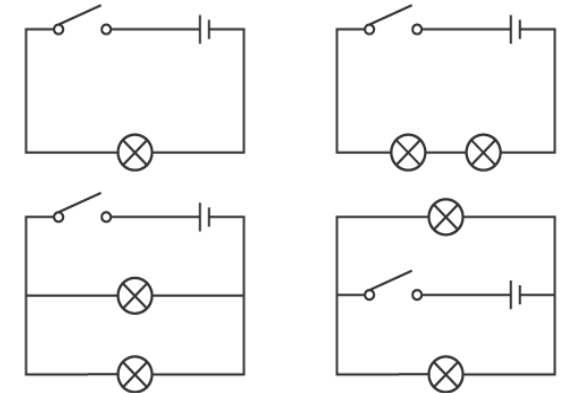
KNOWLEDGE ORGANISER – Electricity

How does electricity work?

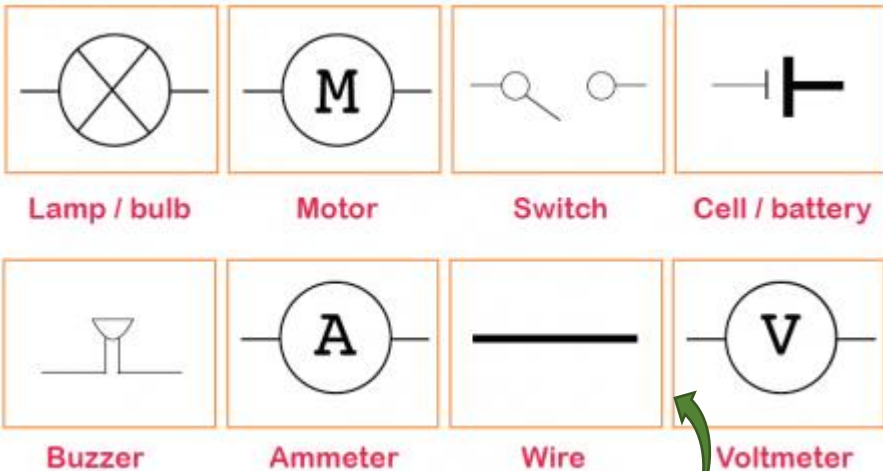
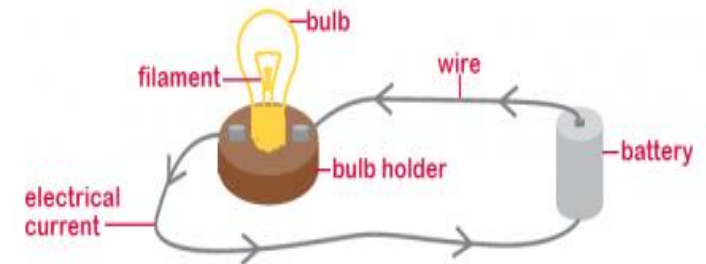
What changes
the
component?

The brightness of a
bulb or volume of a
buzzer can be
changed depending
on the voltage or
number of cells in a
circuit

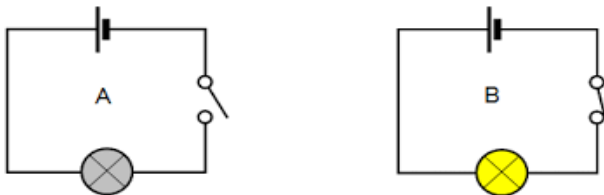
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Circuits



Components of a Circuit



If a switch is open the circuit is not complete and the bulb will not light.

USEFUL VOCABULARY

Bulb	A glass bulb that provides light by passing an electrical current through it
Buzzer	An electrical device that makes a buzzing sound
Circuit	A complete and closed path that an electric current can circulate
Conductor	A material that allows heat or electricity to carry through
Cell	A device containing electrodes used for generating current
Current	A flow of electricity
Switch	A device making and breaking the connection in an electrical circuit
Voltage	An electrical force that makes electricity move through a wire