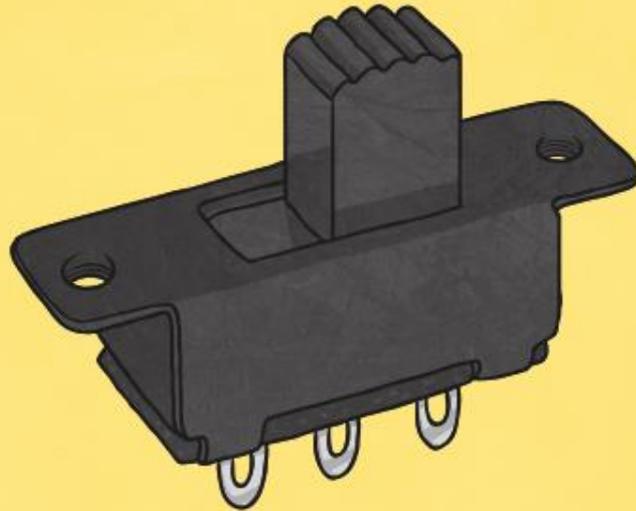
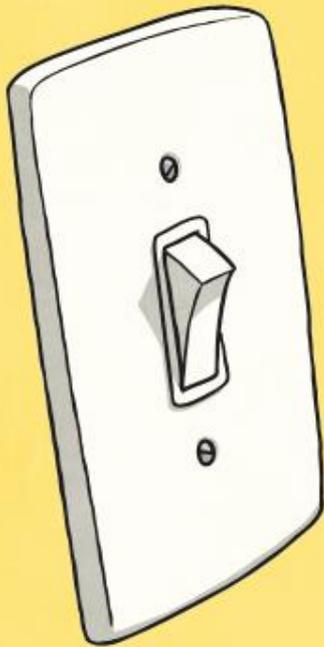


Splendid Switches



twinkl

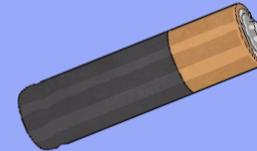
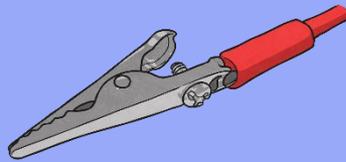
Parts of a Circuit



crocodile clip



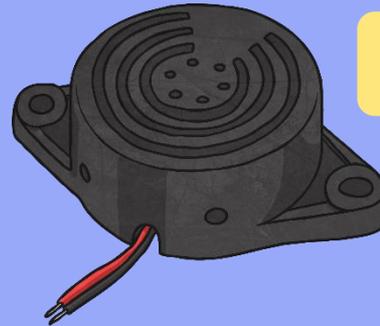
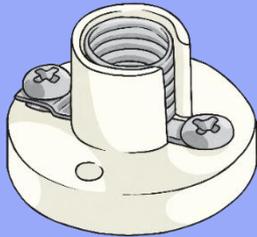
motor



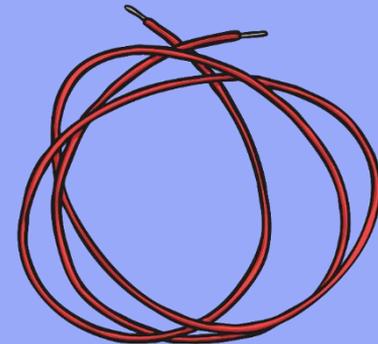
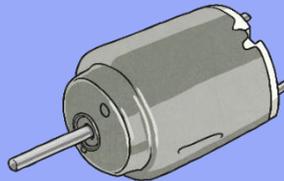
bulb



wires



battery (cell)



Which cards are new to you? What do those parts do?

Bulbs, Buzzers and Motors



What examples of circuits which include bulbs/buzzers/motors do you know?

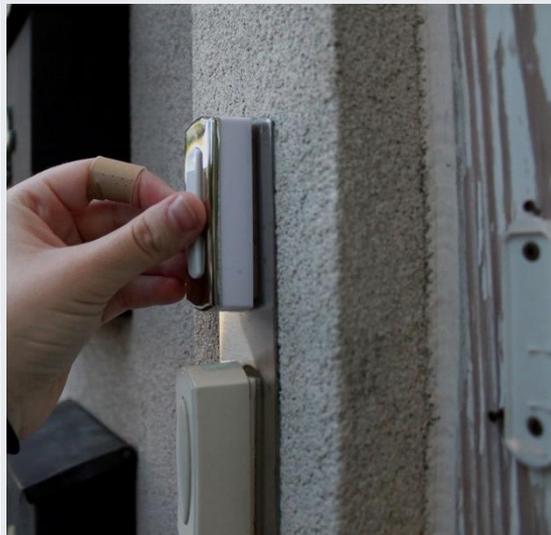
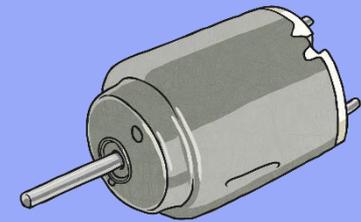
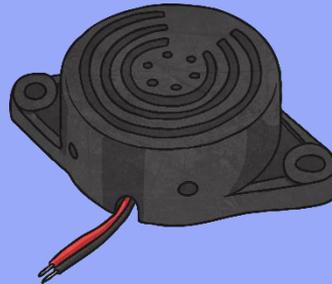
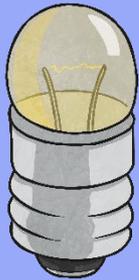
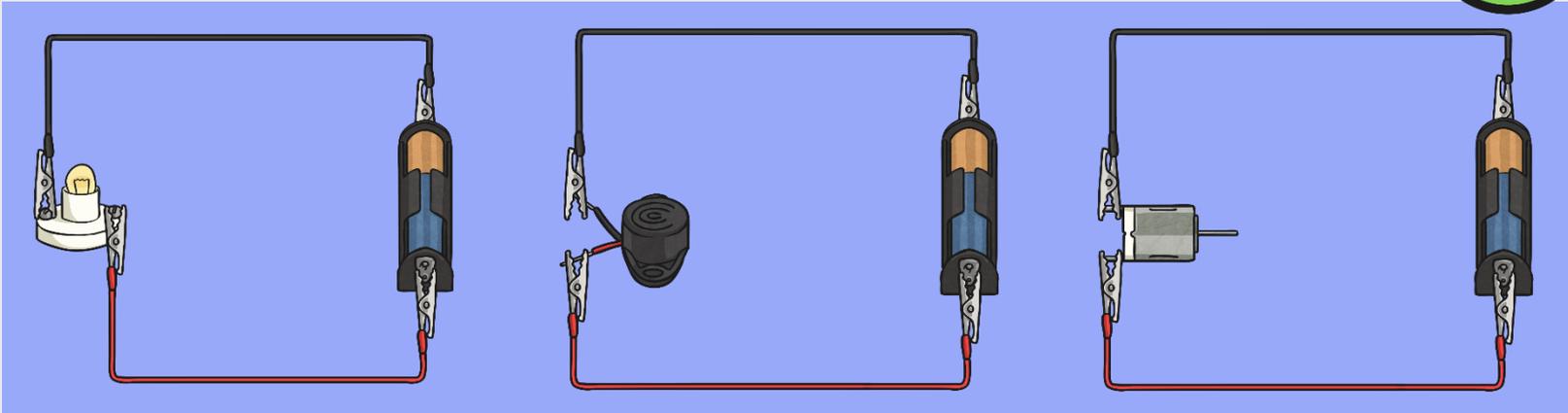
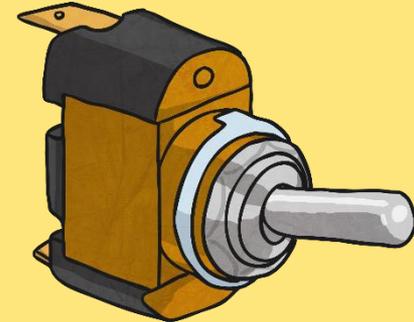
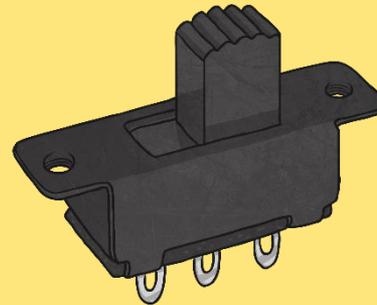
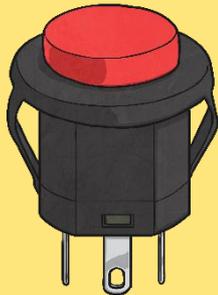


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Complete Circuits



Switches!

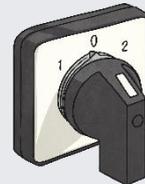
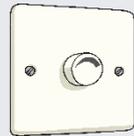
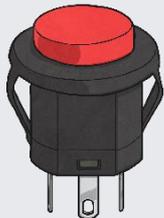
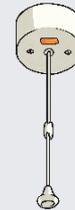
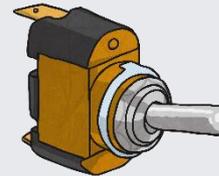
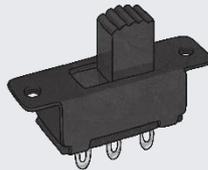
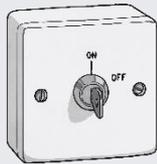


Switches



There are a wide variety of switches that can be used.

Match the type of switch and its name.



slide switch

push button switch

pull switch

dimmer switch

paddle switch

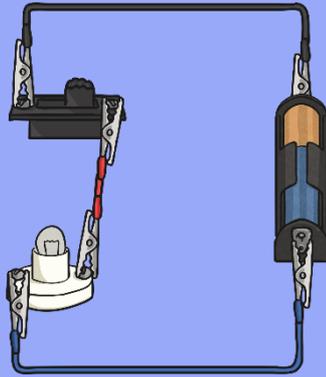
selector switch

key switch

toggle switch

How Switches Work

A **switch** 'breaks' a complete circuit on purpose to stop the flow of **electrons** when it is **off**.



When the **switch** is **on**, the circuit is complete and so the **electrons** are able to flow around the circuit.



A **circuit with a switch** is not the same as an **incomplete circuit**. In an **incomplete circuit**, the **electrons** are unable to flow at all **whether the switch is on or off**.

