

Electricity

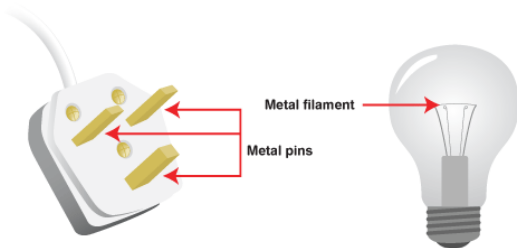
A circuit always needs an electrical _____, such as a battery, with wires connected to both the _____ (+) and _____ (-) ends. A battery is also known as a _____.

A circuit must also contain one or more electrical _____, such as bulbs, buzzers or motors, which allow electricity to pass through.

Electricity will only travel around a _____ that is complete. That means it has no gaps.

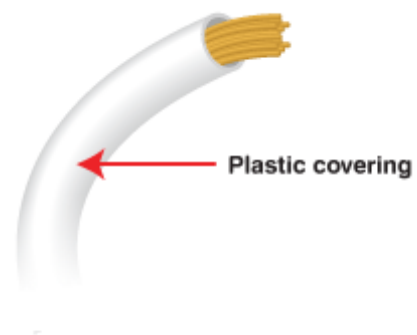
Some materials let electricity pass through them easily. These materials are known as electrical _____.

Many _____, such as copper, iron and steel, are _____ electrical conductors. That is why the parts of electrical objects that need to let electricity pass through are always made of metal.



Some _____ do **not** allow electricity to pass through them. These materials are known as electrical _____.

Plastic, wood, glass and rubber are good electrical insulators. That is why they are used to cover materials that carry _____. The plastic covering that surrounds wires is an electrical _____. It stops you from getting an electrical _____.



Word Bank

Insulators	Source	Materials	Negative	Good	Cell	Shock
Receivers	Circuit	Conductors	Metals	Electricity	Insulator	Positive

Electricity

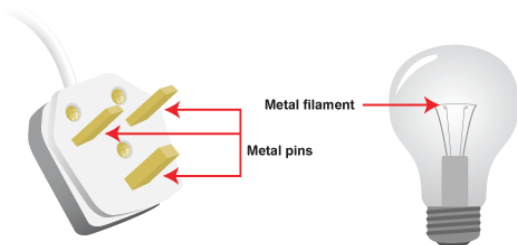
A circuit always needs an electrical **s**_____, such as a battery, with wires connected to both the **p**_____ (+) and **n**_____ (-) ends. A battery is also known as a **c**_____.

A circuit must also contain one or more electrical **r**_____, such as bulbs, buzzers or motors, which allow electricity to pass through.

Electricity will only travel around a **c**_____ that is complete. That means it has no gaps.

Some materials let electricity pass through them easily. These materials are known as electrical **c**_____.

Many **m**_____, such as copper, iron and steel, are **g**_____ electrical conductors. That is why the parts of electrical objects that need to let electricity pass through are always made of metal.



Some **m**_____ do **not** allow electricity to pass through them. These materials are known as electrical **i**_____.

Plastic, wood, glass and rubber are good electrical insulators. That is why they are used to cover materials that carry **e**_____. The plastic covering that surrounds wires is an electrical **i**_____. It stops you from getting an electrical **s**_____.



Word Bank

Insulators	Source	Materials	Negative	Good	Cell	Shock
Receivers	Circuit	Conductors	Metals	Electricity	Insulator	Positive