

Electricity and Magnetism - **Glossary Pairs Instructions**

This is a 5-10 minute activity that can be played several times during the teaching of the course. It is based on the card game 'Pairs'. The pupils work in twos; they place all the cards face-down in a grid. The first person chooses two cards and reads them aloud. If there is a key word with its correct definition, then they keep the cards. Alternatively, if they do not match, they are returned to their original position. The next person has a go. This continues until all the key words are matched with the correct definition.

Series circuit

How difficult it is for current to flow through an electrical component.

Ammeter

A device that measures the voltage in an electrical circuit.

Electrons

A material that will allow the flow of electricity or heat.

Neutrons

The unit of resistance.

Insulator

These make up part of an atom and have a positive charge.

Current

A circuit, where there are two or more branches along which current can flow.

Amps

Electric unit of current (A).

Parallel circuit

The flow of electrons around an electric circuit.

Protons

A material that does not allow the flow of electricity or heat.

Ohms

Part of an atom, they are found in the nucleus, have no charge.

Conductor

Part of an atom, they have a negative charge.

Voltmeter

A device that can be placed in an electric circuit to measure the current.

Resistance

In this circuit, there is only one route the electricity can flow.