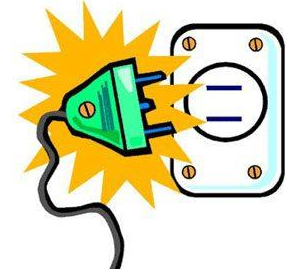




ELECTRICITY



INTRODUCTION

Electricity is a form of energy that powers many things in our daily lives. It makes lights shine, machines work, and computers run. Electricity can travel through wires, and it can be used to power all kinds of devices, from phones to televisions. Without electricity, many things we use every day would not work.

WHAT IS ELECTRICITY

Electricity is a type of energy. It moves in the form of tiny particles called electrons. These particles travel through wires to power devices like lights, televisions, and refrigerators. Electricity can be made in many ways, including using power plants or batteries. It is an important energy source that helps us live and work more easily.

HOW ELECTRICITY TRAVELS

Electricity travels through wires, which are made of materials that allow the flow of electrons. The wires connect power stations to homes, schools, and buildings, carrying electricity to places where it is needed. In our homes, we use electrical appliances like lamps and fans by plugging them into sockets, which are connected to wires that bring electricity inside.

SOURCES OF ELECTRICITY

Electricity can be created in different ways. Power stations use fuel like coal, gas, or wind to generate electricity. Some homes use solar panels to turn sunlight into electricity. Batteries also store electricity that can be used to power smaller devices like flashlights and toys. Each source of electricity helps provide power for different needs.

FIND OUT MORE...

[Year 4 Electricity - BBC Bitesize](#)

EXAMPLE QUESTIONS:

1. What is electricity?
2. How does electricity travel?
3. What do we use electricity for?
4. What is the small particle that carries electricity?
5. How do we use electricity in our homes?