

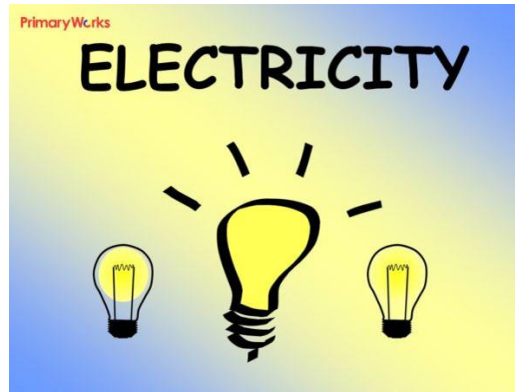
# Knowledge Organiser - Year 4- Autumn 2



## Key Knowledge

1. Electricity is a type of energy
2. It is used to power a lot of things.
3. We use electricity in many parts of our everyday life.
4. Electricity flows through wires and cables
5. Some materials conduct electricity and others do not

## Electricity



## Stone Age and Iron Age

1. Homo Habilis was an early human that lived around 2 million years ago. We think these were the first people to use stone tools.
2. Modern humans or homo sapiens first appeared around 300,000 years ago.
3. The Iron age ended in 43AD when the Romans invaded Britain
4. An age starts when a country or area starts using that material.

## How long did the stone age last?

It lasted for over 3.4 million years. It ended in 2000BC when human began to use iron tools.

## Vocabulary

Switch	A power source that connects or disconnects a flow of electricity.
Power source	Energy transferred to an electric circuit.
Insulator	A material that does not allow electricity to pass through it.
Conductor	A device that can control the flow of electricity.
Battery	Used to power electrical objects.
Circuit	An <b>electric circuit</b> includes a device that gives energy to the charged particles.
Mains	Electricity supplied to a house through wires.

## Electricity and Circuits

Electricity is a form of energy that is very important to our everyday life. Electricity is all around us and it enters our homes and buildings through wires and sockets. Electricity is used to light things, move things, heat things and amplify things (make them louder).

What does electricity make the following things do?



Lamp Fan Drill Kettle Toaster

## Key Artefacts/images

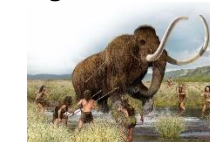
### Cave men painting



### Iron age settlements



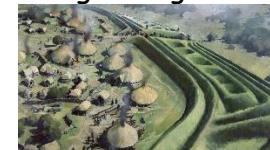
### Attacking a mammoth



### Stone age tools



### A Iron age village



### Making tools from iron

