Knowledge Organiser — Year 4 — Science — Electricity - Autumn 1.





Key Aim

By the end of this topic, pupils will be able to construct electrical circuits, name components and identify electrical conductors.

Electricity	A type of energy used to power lots of items.
Component	Part of a system.
Conductor	A material which allows electricity, or something else, to pass through.
Insulator	A material which traps electricity, or something else, in a circuit.
Battery	A device that can create electric style power.
Switch	A component that controls the flow of electricity in a circuit.



Benjamin Franklin did lots of experiments on electricity.

We will learn about electrical appliances in our homes and how to use them safely; name components of an electrical circuit whilst constructing them; the effect of different materials on a circuit.