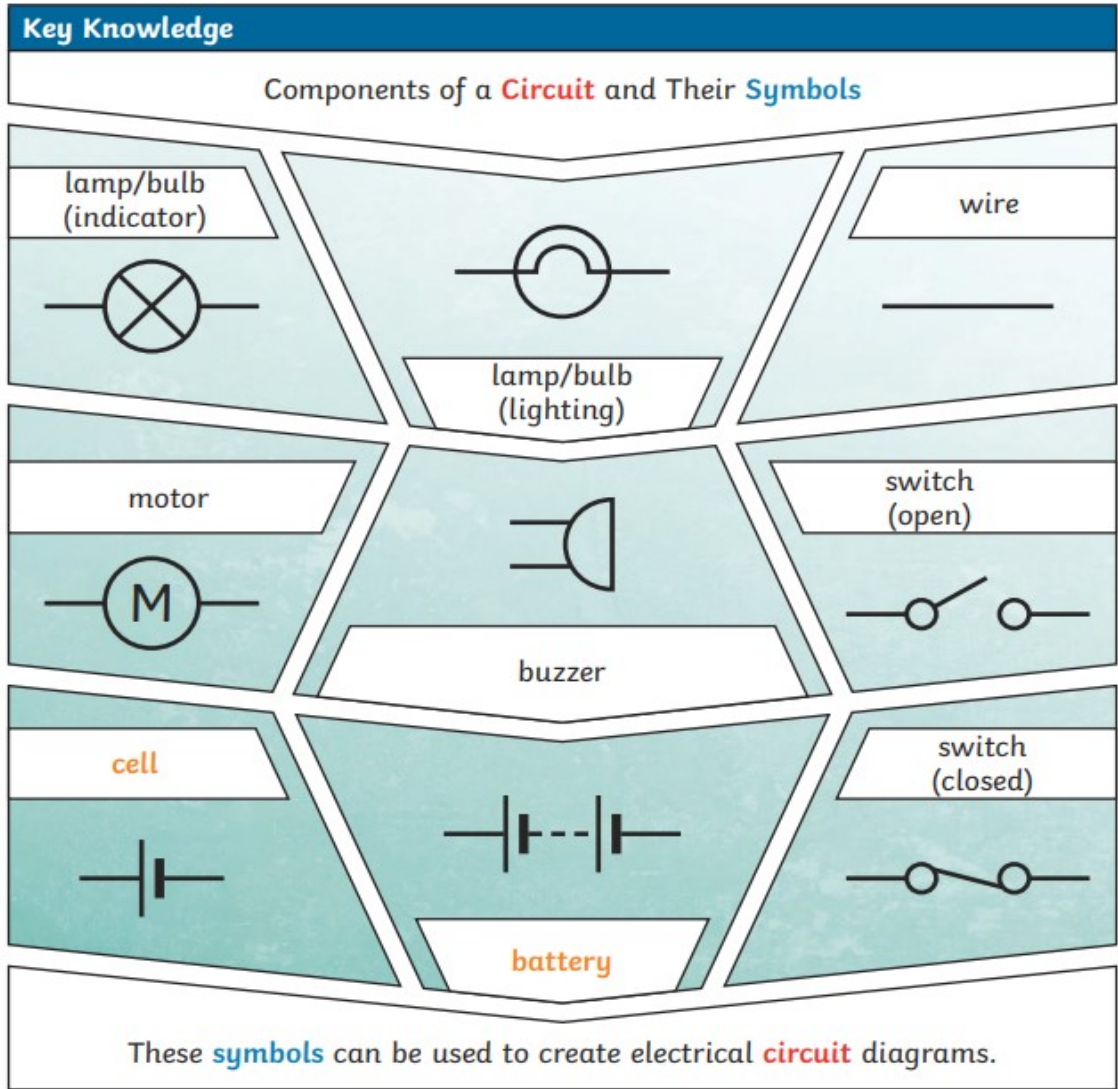




Knowledge Organiser — Year 6 — Science — Electricity - Summer 2.

Key Aim: By the end of this topic, pupils will be able to plan and carry-out their own investigations to see how different variables can impact the brightness of a bulb.



Key Vocabulary	
circuit	A path that an electrical current can flow around.
symbol	A visual picture that stands for something else.
cell/battery	A device that stores chemical energy until it is needed. A cell is a single unit. A battery is a collection of cells .
current	The flow of electrons , measured in amps .
amps	How electric current is measured.
voltage	The force that makes the electric current move through the wires. The greater the voltage , the more current will flow.
resistance	The difficulty that the electric current has when flowing around a circuit .
electrons	Very small particles that travel around an electrical circuit .

We will revisit and revise previous learning of electricity; ensuring the children can identify the components of a series and parallel circuit. We will learn to use 'degrees of trust' to evaluate data sets and draw conclusions.