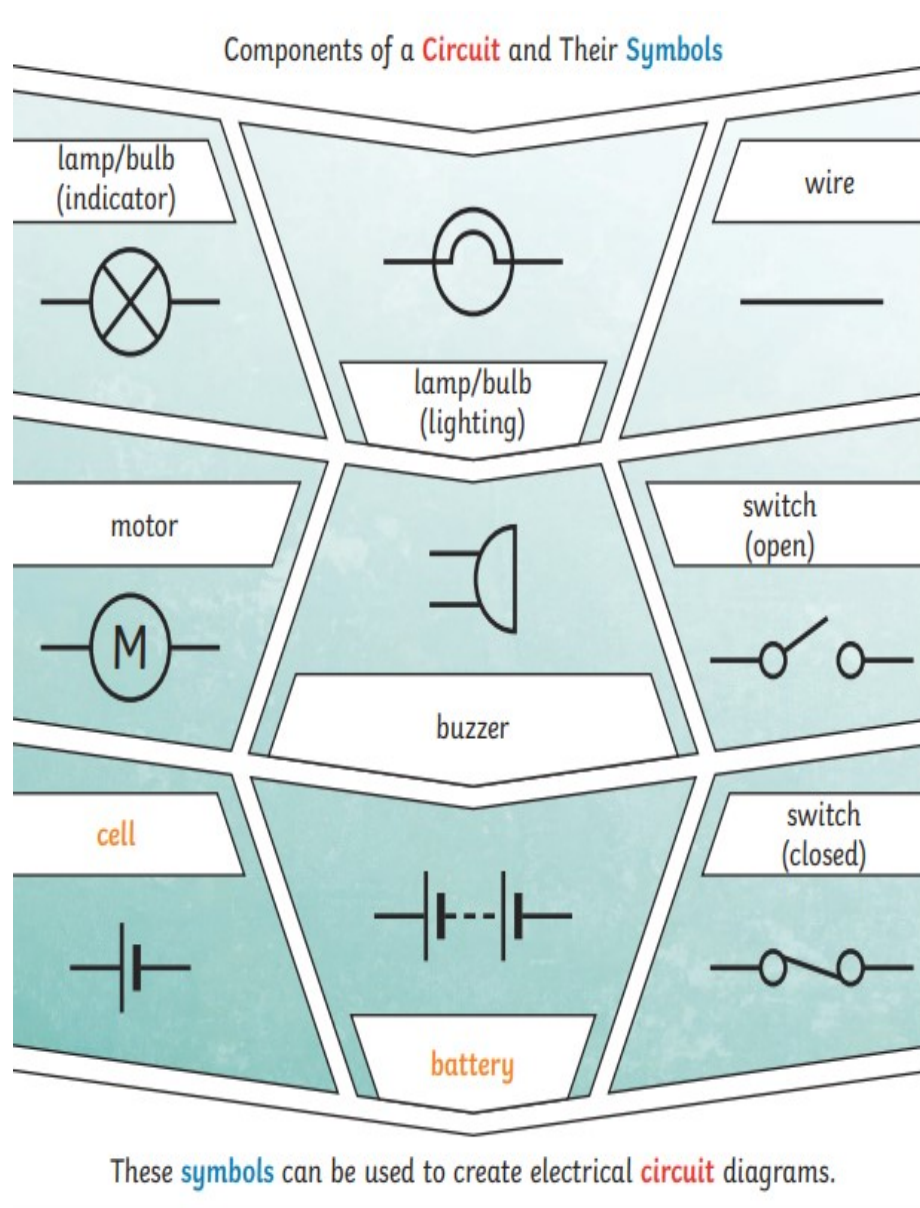


Key Vocabulary

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 .



Electricity: Year Five/Six—Cycle B



Sticky Knowledge

- Power from a cell/battery flows from positive to negative.
- Electricity travels at the speed of light—300,000km/second
- A series of single cells makes a battery.
- Most metals can conduct electricity.
- Rubber and plastic insulate electricity.
- Increase in power will make bulbs shine brighter.
- A circuit needs to be closed to function correctly.

Resources

- Batteries, bulbs, buzzers, switches, wires
- Rubbers
- Metal spoons,
- paperclips

Key Skills

- To draw a circuit diagram
- To make a circuit from a diagram
- Correct faults in a circuit and explain how.
- Predict whether a circuit will work or not.
- Plan an investigation to produce useful evi-