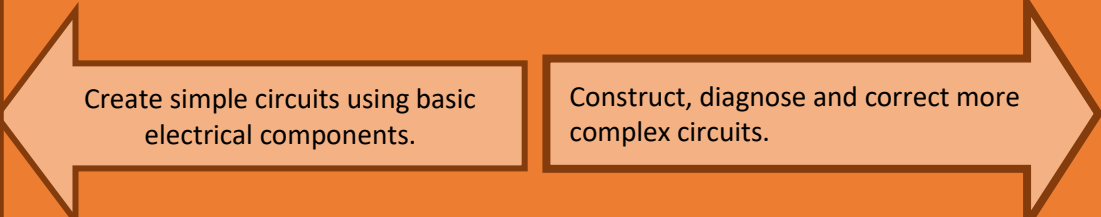




Year 6 'Changing Circuits' Knowledge Organiser

Star Vocabulary

circuit	A complete route that an electric current can flow around.
Parallel / series	Types of electrical circuits.
cell	An electrical power supply.
switch	A device that is used to break and connect an electric circuit.
conductor	A material that allows the flow of electricity.
symbol	Used to represent various electrical components.
buzzer	Makes a buzzing sound when electricity passes through.
motor	Creates motion when electricity passes through.
lamp	Creates light when electricity passes through.



Battery	Wire	Bulb	Buzzer
Motor	Switch (off)	Switch (on)	

Investigations:

- How will changing the number of cells in a circuit affect the brightness of bulbs?
- How will the length of wires affect the brightness of bulbs?
- How will the number of bulbs in a circuit affect the brightness?

Extension activities:

Using electrical components to create a desktop fan.

Progression

