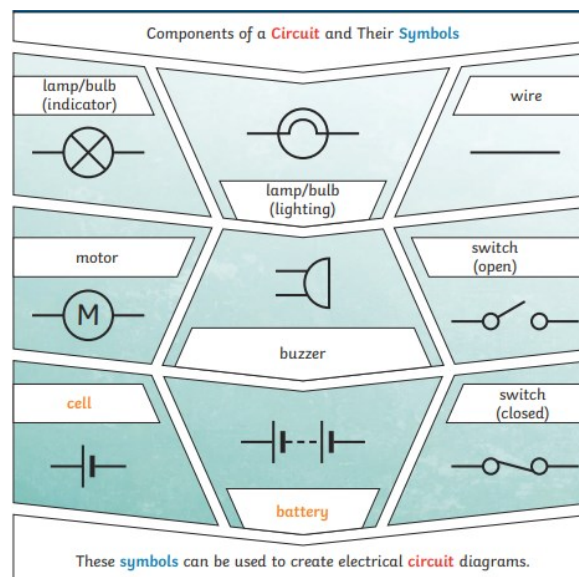




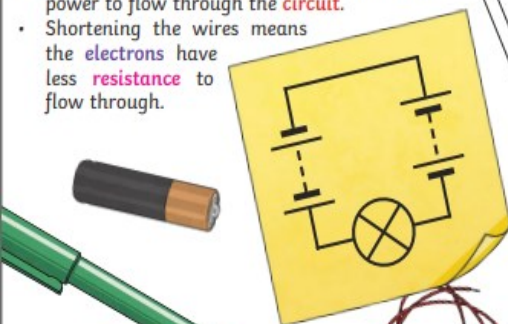
Science Key Vocabulary

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	The flow of electrons, measured in amps.
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.



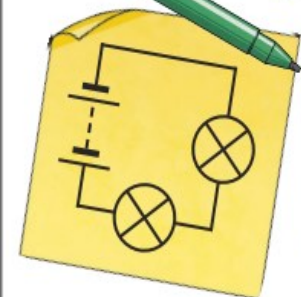
What will make a bulb brighter or a buzzer louder?

- More **batteries** or a higher **voltage** create more power to flow through the **circuit**.
- Shortening the wires means the **electrons** have less **resistance** to flow through.



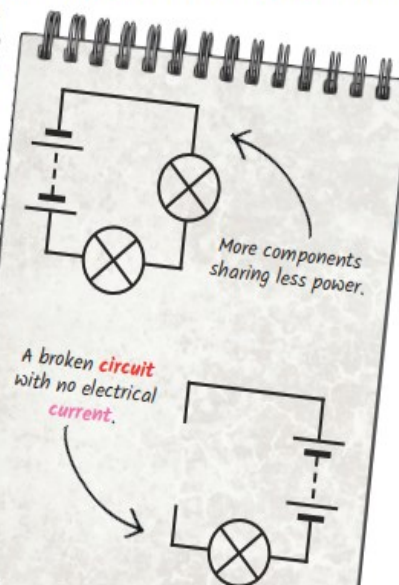
What will make a bulb dimmer or a buzzer quieter?

- Fewer **batteries** or a lower **voltage** give less power to the **circuit**.
- More buzzers or bulbs mean the power is shared by more components.
- Lengthening the wires means the **electrons** have to travel through more **resistance**.



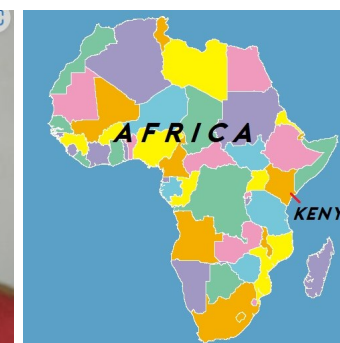
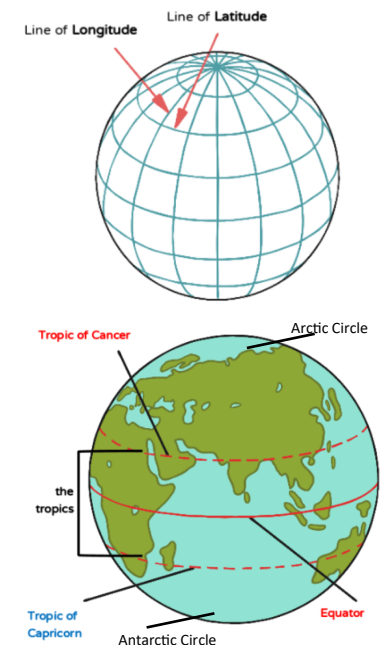
Series Circuit

A **circuit** that has only one route for the **current** to take. If more bulbs or buzzers are added, the power has to be shared and so they will be dimmer or quieter. If just one part of this series **circuit** breaks, the **circuit** is broken and the flow of **current** stops.



Geography Key Vocabulary

Dagoretti	Dagoretti is an area in the western part of Nairobi, the capital of Kenya.
Human Geography	Human Geography is the study of how humans interact with Physical Geography, as well as how we create structures around us.
Physical Geography	Physical Geography is natural structures includes mountains, oceans, rivers and deserts.
Lines of Latitude	We use lines of latitude to find out how far north or south a place is. These lines run parallel to the Equator
Lines of Longitude	We use lines of longitude to find out how far east or west a place is. These lines run from the top of the Earth to the bottom.
Sub-Saharan	The area of the continent of Africa that lies south of the Sahara Desert.



Continent:	Africa
Country:	Kenya
Capital City:	Nairobi
Area of interest:	Dagoretti

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MISSION POSSIBLE NAIROBI

