



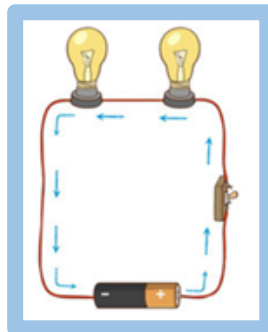
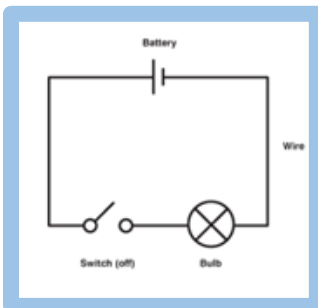
Electricity (Y6)



Vocabulary

appliance	cell	component	filament	function	resistance	series circuit	voltage
Something which needs electricity to work.	Component that changes chemical energy into electrical energy .	One of the parts of a circuit .	Fine wire in a bulb which glows when electricity travels through it	Action that something is designed to perform.	Measures how efficiently electricity passes through the components.	Single pathway where components are connected in a loop .	Power of the cell which pushes the current through the circuit

Big Ws: Circuits



Important People:

Alessandro Volta (1745 – 1827)



- He created the first ever **“battery”**.
- **Volts** are named after him.

Big Ws: Voltage

- **More batteries** or a **higher voltage** create more power to flow through the circuit.
- If **more bulbs or buzzers** are added, the **power has to be shared** and so they will be **dimmer** or **quieter**.



Cell



Wire



Bulb



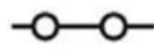
Buzzer



Motor



Switch (off)



Switch (on)



Enigma Machine

Voltage

