



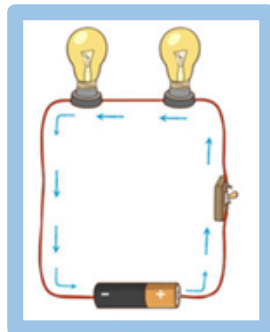
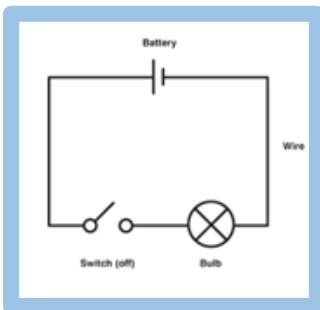
Electricity (Y6)



Vocabulary

appliance	cell	component	filament	function	parallel circuit	resistance	series circuit	voltage
Something which needs electricity to work.	A component that converts chemical energy into electrical energy .	One of the parts of a circuit .	A fine wire in a bulb which glows when electricity travels through it	The action that something is designed to perform.	Where the electrical current divides to flow along multiple paths.	Measures how efficiently electricity passes through the components.	A single pathway where components are connected in a loop .	The power of the cell which pushes the current through the circuit

Big Ws: Circuits



Important People:

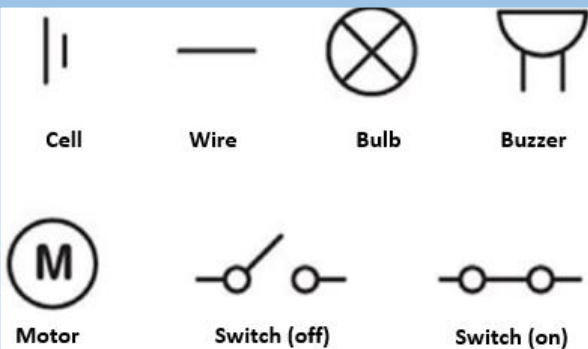
Alessandro Volta (1745 – 1827)



- 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**.



Enigma Machine

Voltage

