




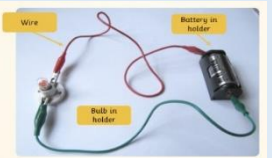

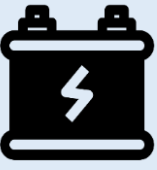

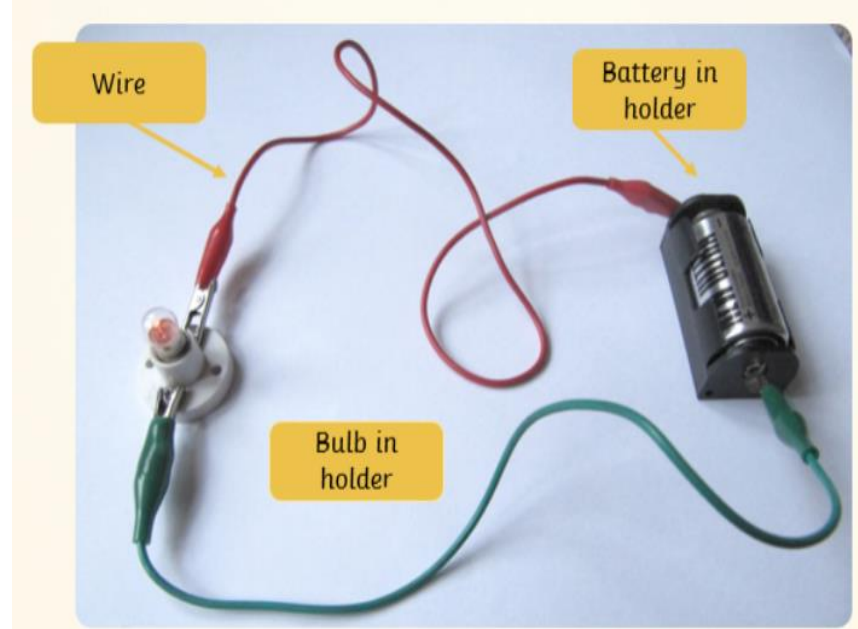


Key Vocabulary

	electricity	A form of energy from charged particles.
	electron	A very small piece of matter.
	current electricity	A measure of how much electric charge flows through a complete circuit.
	static electricity	The build up of electric charge when objects are rubbed together.
	circuit	A complete route that starts and ends at the same place.
	series circuit	A single pathway through which electricity can flow.
	emit	To produce something or to 'give off'.
	Cell/battery	A <u>cell</u> is a single unit store of energy. A <u>battery</u> is a collection of cells that can power a circuit.
	component	Items which are found in a circuit (see component list)




Electricity- Year 4










An electric circuit. A circuit must be closed with no gaps to create electricity, you would see this when the bulb lights up.


Electrical Appliances

Many everyday appliances rely on electricity for them to work. Examples include:

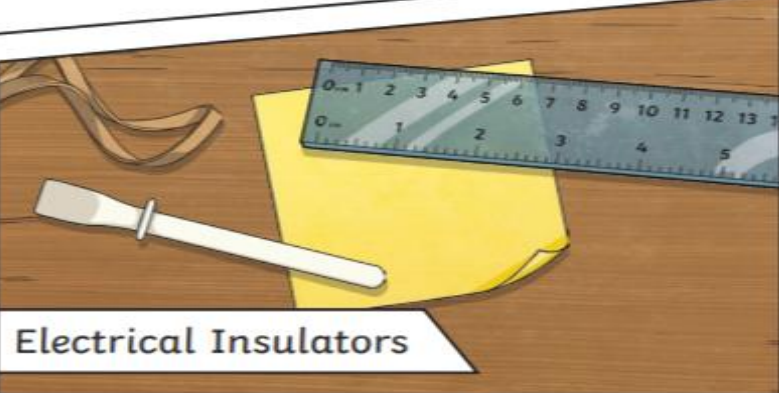


Component List	
Cell	
Battery	
wire	
bulb	
Bulb holder	
switch	
buzzer	

A conductor of **electricity** is a material that will allow **electricity** to flow through it. Metals are good conductors. Materials that are electrical insulators do not allow **electricity** to flow through them. Wood, plastic and glass are good insulators



Electrical Conductors



Electrical Insulators