



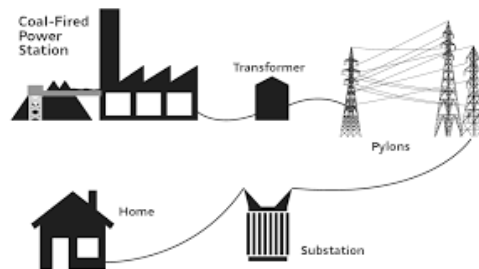
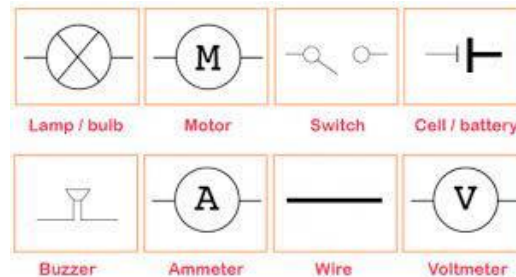
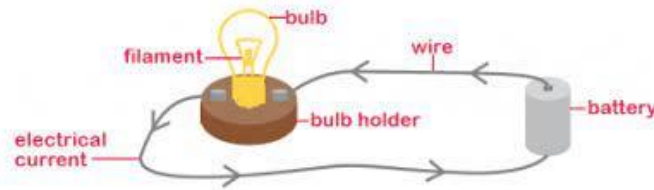
Lacock Primary School – Year 3/4 Beech Class. Electricity (Science)



Important Vocabulary

Electricity	Electricity is a flow of electrons around a circuit. It is an energy.
cell	An electrical cell is a device used to generate electricity. A battery is one or more cells connected together.
Battery	A battery is a device that can make electricity. It stores energy inside until it is needed.
appliance	An appliance is a device that is used for a particular purpose – cookers, fridges and toasters are appliances at home.
energy	Energy is the ability to make something move, change or work.
current	Electrical current is when electric charges flows from one place to another in a circuit
connection	A connection is something that links or joins other things together
conductor	Conductors are materials or substances that allow an electrical charge to pass through without difficulty.
Insulator	Insulators are materials that does not allow electricity to flow through easily.
modify	To change and adapt in some way.

Include here images/pictures/maps/diagrams



Key Skills

- To explore a variety of electrical items and ask questions about them.
- To explore how electrical components can be arranged to make a bulb light up.
- To recognise that some materials allow electricity to flow through them and others do not.
- To design a circuit and draw it scientifically.
- To construct an electrical circuit to perform a planned function within a working model.
- To test, evaluate and make improvements to our working models.

What I should already know:

That electricity is created by generators which can be powered by gas, oil, wind, solar or coal. That electricity is dangerous and we need to be careful when using it.



This learning will help me in the future when I learn:

Year 5/6 – associate the brightness of a lamp or loudness of a buzzer with the number and voltage of cells used