

## Leamington Primary Science Knowledge Organiser Year 2 – Electricity Strand – Physics



What I should already know		Important words to help me. (vocabulary)	Ideas for Scientific Enquiry
- The electricity can be very dangerous Electricity is used all around the world, in homes, schools and businesses How to group electrical items.  Interesting Facts  - Electricity travels at 6,696,000 miles per hour.  What is electricity? - I will learn which objects need electricity to work and which do not need electricity to work I will be able to talk about that electrical items need to be plugged into a mains socket or use batteries to work.  Where does electricity come from? - I will learn that electricity is made in power stations, wind turbines, batteries and solar panels. It is then stored and carried along wires to where it needs to be used in schools, homes, hospitals and factories.  How can we stay safe around electricity? - I will learn about how dangerous electricity can be if it is not used correctly.	Electricity  Battery  Mains  Component  Circuit  Dangerous  Safety  Electrical Power Electrical Current  Bulb	The flow of electrical power or charge.  A container that stores energy until it is needed.  Electricity supplied to a building through wires.  One of the parts or units of a combination, mixture, or system.  Complete flow of electricity.  Something that may cause injury or harm.  Something that keeps you safe and unharmed.  Electrical power is the rate, per unit time, at which electrical energy is transferred by an electric circuit.  The amount of electricity flowing through the circuit.  Battery Switch Wire	