



Forton's Fundamental Facts – Science



Topic – Electricity		Autumn 1 – Electricity (Year 3 & 4)	
<u>Enquiry -</u>		<u>Key Vocabulary</u>	
What does a simple series circuit require? How does a series circuit work? What would happen if you added another bulb/motor/buzzer into the circuit?		Electricity	The flow of an electric current through a material, e.g. from a power source through wires to an appliance.
<u>Investigation -</u>		Appliances	A piece of equipment or a device to perform a particular job, such as a washing machine or mobile phones.
		Battery	A device that stores electrical energy as a chemical. Two or more cells joined together make a battery.
<u>Focus Scientist – Benjamin Franklin</u>	<u>Diagram</u>	Circuit	A pathway that electricity can flow around. It is based around wires and a power supply.
		Components	A part of an electrical circuit. This includes a cell (battery), bulb, motor, switch and wires.
		Mains electricity	Electricity supplied through wires to a building.
		Electrical conductor	A conductor of electricity is a material that will allow electricity to flow through it.
		Electrical insulator	Materials that are electrical insulators do not allow electricity to flow through them.

