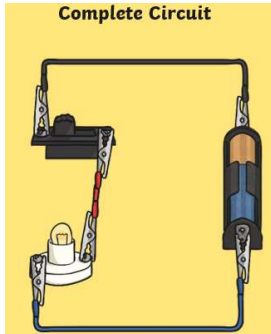
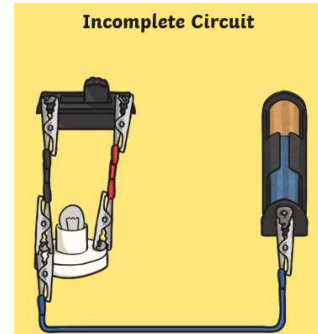



Topic Vocabulary	Key Knowledge			
environment - our surroundings	<div><div><p>Complete Circuit</p></div><div><p>Incomplete Circuit</p></div></div>	<p>Current electricity is the flow of electrical charge through materials.</p> <p>Every complete circuit must have a power supply. The power supply could be the mains, or it could be a battery.</p> <p>For a circuit to be complete, there must be wires connected to both the positive and negative ends of the power supply.</p> <p>Electricity can only flow around a complete circuit that has no gaps.</p>	<p>The rubbish that we throw away gets thrown into landfill sites. This rubbish creates poisons and methane.</p> 	
landfill - an area of land filled with rubbish				
disposal - to get rid of something				
reduce - to use a smaller amount				
recycle - to use things again				
Science Vocabulary				
electricity - a type of power			<p>The rubbish that we send to be recycled gets sent to other countries.</p>	
appliance - a piece of equipment e.g. dishwasher			<p>Plastic takes thousands of years to break down.</p>	
mains - electricity that comes into your home from the grid			<p>Fossil fuels are limited and will run out which is why we need to develop renewable energy sources.</p>	
nuclear - power made with chemicals			<p>Plastics are destroying our oceans and killing our wildlife.</p>	
pylon - a tower used to support wires carrying electricity				
current - the flow of electricity				
cell - used to convert energy into electricity				
charge - to store energy in a battery				
circuit - an unbroken path of electricity				
flow - the movement of electricity				

Links to Prior Learning: You have worked on naming and locating the continents: Europe, North America, South America, Asia, Africa, Antarctica and Australia. You have learned to explain why a place is like it is and looked into the services available in towns and cities to help us, such as the police, the fire brigade and the ambulance service.

