



SCIENCE KNOWLEDGE & SKILLS PROGRESSION - ELECTRICITY

EYFS YEAR 1 YEAR 2 YEAR 3 YEAR 4 YEAR 5 YEAR 6

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				<p>I can identify common appliances that run on electricity.</p> <p>I can construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.</p> <p>I can identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.</p> <p>I can recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</p> <p>I can recognise some common conductors and insulators, and associate metals with being good conductors</p>	<p>No Electricity unit but there are links to 'Properties and Changes of Materials' (conductivity)</p>	<p>I can associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.</p> <p>I can compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.</p> <p>I can use recognised symbols when representing a simple circuit in a diagram.</p>

"The important thing is to never stop questioning."
~Albert Einstein

