

Subject: Science

Theme: Electricity (Y6)

Knowledge	Skills	Vocabulary (Top 20)	Common misconceptions
<p>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>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>Use recognised symbols when representing a simple circuit in a diagram.</p>	<p>Pattern seeking:</p> <ul style="list-style-type: none"> Does the temperature of a light bulb go up the longer it is on? <p>Comparative and fair testing:</p> <ul style="list-style-type: none"> How does the voltage of the batteries in a circuit affect the brightness of the bulb or the volume of a buzzer? 	<p>battery brightness bulb buzzer cell diagram electricity switch volume component construct motor symbol variation amp current electrons resistance series circuit voltage</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> Larger-sized batteries make bulbs brighter. A complete circuit uses up electricity. Components in a circuit that are closer to the battery get more electricity.



Love



Friendship



Compassion



Community



Trust



Forgiveness

"Let all that you do be done in love." 1 COR 16:24
Do all the good you can.... John Wesley

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