
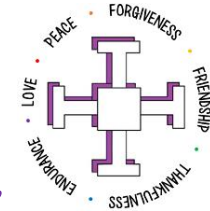




Christ Church CE Primary School
Science Assessment


*'Train up a child in the way they should go and when they are old,
they will not depart from it.'*
Proverbs 22:6

<p>Upper KS 2 Y6</p>	<p>Unit: Electricity</p> <p><i>Learning Objective: 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.</i></p> <p><i>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a circuit.</i></p> <p><i>Use recognised symbols when representing a simple circuit in a diagram</i></p>
<p>Knowledge and understanding</p>	<p>Core Curriculum Content:</p> <p>Expected <i>Explain the use of switches, how bulbs can be made brighter and buzzers made louder.</i></p> <p><i>Explain how number and voltage of cells affects the lamp or buzzer.</i></p> <p><i>Represent a circuit that has been constructed using recognisable symbols.</i></p> 
<p>Pupils</p>	<div style="background-color: #e0f0e0; height: 150px;"></div>



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<p>Knowledge and understanding</p>	<p>Working Towards</p> <p>Identify and name the function and operation of some different components.</p> <p>Recognise that changing the number and voltage of cells may alter the operation of a circuit.</p> <p>Understand that components can be represented by symbols and attempt to draw these.</p>	<p>Greater Depth</p>  <p>Explain the effect of changing the order of the components in a circuit.</p> <p>Relate the number or voltage of cells to the number and operation of bulbs or buzzers that can be run from them.</p> <p>Design circuits using recognised symbols</p>
<p>Pupils</p>		
<p><i>Pupils with additional needs have made the following responses</i></p> <p>Identify the function and operation of different components, with help.</p> <p>Beginning to recognise that changing the number and voltage of cells may alter the operation of a circuit with help.</p> <p>Understand that components can be represented by symbols and attempt to draw these with help.</p>		