



## Electricity - Physics

Lesson	Objective/s
<b>Pre assessment</b>	<ul style="list-style-type: none"> <li>• Complete pre assessment quiz</li> <li>• Review of previous knowledge</li> <li>• Look at knowledge organiser and introduce new topic</li> </ul>
<b>Lesson 1</b>	<ul style="list-style-type: none"> <li>• Identify scientific evidence that has been used to support or refute ideas or arguments</li> </ul>
<b>Lesson 2</b>	<ul style="list-style-type: none"> <li>• Use recognised symbols when representing a simple circuit in a diagram</li> </ul>
<b>Lesson 3</b>	<ul style="list-style-type: none"> <li>• Associate the brightness of a bulb or the volume of a buzzer with the number and voltage of cells used in the circuit</li> </ul>
<b>Lesson 4</b> Electricity investigation part 1	<ul style="list-style-type: none"> <li>• 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</li> <li>• Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</li> </ul>
<b>Lesson 5</b> Electricity investigation part 2	<ul style="list-style-type: none"> <li>• 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</li> <li>• Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs</li> <li>• Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations</li> </ul>
<b>Lesson 6</b> Electricity investigation part 3	<ul style="list-style-type: none"> <li>• 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</li> <li>• Using test results to make predictions to set up further comparative and fair tests</li> </ul>
<b>Post assessment</b>	<ul style="list-style-type: none"> <li>• Complete post assessment quiz</li> </ul>