

## Unit Overview – The Periodic Table

### You will learn about:

- How we have developed our understanding of the periodic table.
- Properties of metals, non-metals, and the properties of group 0, 1 and 7.

### You will be able to:

- Explain how scientific ideas and explanations develop over time as new evidence emerges.
- Explain how and why the Periodic Table is arranged the way it is.
- Explain the properties of certain elements.

Key learning points		<p style="text-align: center;"><b>Key Words</b></p> <p><b>Alkali metals</b>  <b>Halogens</b>  <b>Noble gases</b>  <b>Metals</b>  <b>Reactivity</b>  <b>Groups</b>  <b>Periods</b>  <b>The Periodic Table</b>  <b>Transition Metals</b></p>
Development of the periodic table		
Metals and non-metals		
Group 0 and Group 1 properties and reactivity		
Group 7 properties and reactivity		
Transition metal properties (Triple only)		
<p><b>Links to other subjects:</b></p> <p>SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.</p> <p>Literacy: Describe observations in practical work. Explain the development of periodic table. Describe how reactivity and trends are linked to position in the periodic table.</p> <p>Numeracy: Use decimal and standard form, make simple calculations, use appropriate significant figures, construct tables and histograms.</p>		