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.

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Fr	Ra	5.2	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	FI	Мс	Lv	Ts	o
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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	
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)	

Links to other subjects:

SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.

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.

Numeracy: Use decimal and standard form, make simple calculations, use appropriate significant figures, construct tables and histograms.

Key Words

Alkali metals
Halogens
Noble gases
Metals
Reactivity
Groups
Periods
The Periodic Table
Transition Metals