




Preparation for - Chemistry

Topic: The Periodic Table



Key Terms: Periodic Table, Periodicity, First Ionisation Energy, Groups

Key Question: How did the Periodic Table evolve and what trends occur as you go across Period 3?

 What to watch	 What to read	 What to do
<p>Good introduction to how the Periodic Table came about:</p> <p>https://www.youtube.com/watch?v=0RRVV4Diomg</p> <p>Summary of the trends across Period 3</p> <p>https://www.youtube.com/watch?v=67AqMmXg0NA</p>	<p>Royal Society of Chemistry history of the development of the PT:</p> <p>https://www.rsc.org/periodic-table/history/about</p> <p>Explanation of the term "First Ionisation Energy":</p> <p>https://www.chemguide.co.uk/atoms/properties/ies.html</p> <p>Discussion on the Physical Properties of the Elements across Period 3.</p> <p>https://chem.libretexts.org/Bookshelves/Inorganic_Chemistry/Supplemental_Modules_and_Websites_(Inorganic_Chemistry)/Descriptive_Chemistry/Elements_Organized_by_Period/Period_3_Elements/Physical_Properties_of_Period_3_Elements</p>	<p>Define "First Ionisation Energy"</p> <p>Write a summary of at least 500 words (with diagrams if you find them useful) of the trends in</p> <ul style="list-style-type: none">• first ionisation energy,• atomic radius,• electronegativity,• conductivity,• melting point and boiling point <p>as you go across period 3 from sodium to argon.</p> <p>Explain the trend in First Ionisation Energy as you go down Group 1 (the Alkali Metals)</p> <p>Pick one character who contributed to the development of the Periodic Table and write a brief summary of what they did and why it was important.</p>



What to submit

See “What to do” above.

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Topic:

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Key Terms:



What to watch



What to read



What to do

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What to submit

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Key Terms:




What to watch



What to read



What to do





	What to submit	

Preparation for -

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What to watch



What to read



What to do



What to submit