

Subject Name: Applied Science



Year 12	Subject Theme	Wider Reading/Independence
Autumn	<p><u>Principles and Applications of Science</u></p> <p>Periodicity and properties of elements</p> <p>Production & uses of substances</p> <p>Cell specialisation</p> <p>Tissue structure and function</p> <p>Working with waves</p> <p>Waves in communication</p> <p>Use of electromagnetic waves</p>	<p>http://www.a-levelchemistry.co.uk/</p> <p>www.chemguide.co.uk</p> <p>https://mathsmadeeasy.co.uk/a-level-chemistry-revision/</p> <p>https://www.cambridgeinternational.org/resource-centre/</p>
Spring	<p>Complete any remaining topics from above</p> <p><u>Practical Scientific techniques</u></p> <p>4 pieces of coursework completed, externally moderated by 30th May.</p> <p><u>Principles and Applications of Science</u></p> <p>Examination completed</p>	As above
Summer	<p><u>Science Investigation Skills</u></p> <p>Content for the year 13 started at the end of the academic year.</p>	As above
Key dates	PPE's held twice within the year. External Examinations sat at the start of May.	

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Year 13	Subject Theme	Wider Reading/Independence
Autumn	<u>Science Investigation Skills (externally assessed practical and examination)</u> Enzymes Diffusion of molecules Plants and their environment Energy content Electrical circuits	http://www.a-levelchemistry.co.uk/ www.chemguide.co.uk https://mathsmadeeasy.co.uk/a-level-chemistry-revision/ https://www.cambridgeinternational.or
Spring	<u>Applications of Organic Chemistry (coursework)</u> Structures and properties of functional groups Aromatic compounds Isomers and Isomerism Laboratory preparation of organic mol-	As above
Summer	External assessed unit completed in early May. Moderation of coursework completed by 30th May	As above

Key dates	PPE's held twice within the year along with final external examination.
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