

Subject Name: Chemistry



Year 12	Subject Theme	Wider Reading/Independence
Autumn	<b><u>Foundations in Chemistry</u></b> Atomic structure and isotopes Amount of substance Electrons, bonding and structure Acids and bases and redox	<a href="http://www.a-levelchemistry.co.uk/">http://www.a-levelchemistry.co.uk/</a> <a href="http://www.chemguide.co.uk">www.chemguide.co.uk</a> <a href="https://mathsmadeeasy.co.uk/a-level-chemistry-revision/">https://mathsmadeeasy.co.uk/a-level-chemistry-revision/</a> <a href="https://www.cambridgeinternational.or">https://www.cambridgeinternational.or</a>
Spring	<b><u>Periodic Table and Energy</u></b> The periodic table Group 2 and 7 Qualitative chemistry Enthalpy changes Rates of reaction	As above
Summer	<b><u>Organic chemistry</u></b> Alkanes and alkenes Alcohols Haloalkanes Organic synthesis Analytical techniques	As above

<b>Key dates</b>	PPE's held twice within the year.
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<b>Year 13</b>	<b>Subject Theme</b>	<b>Wider Reading/Independence</b>
Autumn	Kinetics Equilibrium Redox equilibria Acids, bases and buffers Aromatic and carbonyl chemistry Nitrogen compounds Organic synthesis	<a href="http://www.a-levelchemistry.co.uk/">http://www.a-levelchemistry.co.uk/</a> <a href="http://www.chemguide.co.uk">www.chemguide.co.uk</a> <a href="https://mathsmadeeasy.co.uk/a-level-chemistry-revision/">https://mathsmadeeasy.co.uk/a-level-chemistry-revision/</a> <a href="https://www.cambridgeinternational.org/resource-centre/">https://www.cambridgeinternational.org/resource-centre/</a>
Spring	Transition metals Spectroscopy Energy and entropy	As above
Summer	Reviewing all modules and practical assessment in preparation for external examination.	As above
<b>Key dates</b>	PPE's held twice within the year along with final external examination.	