

Subject Name: Chemistry



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

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