

A Level Chemistry Curriculum Overview

	Y12	Y13
Half Term 1	<p>Atomic Structure and Periodicity</p> <p>Bonding, Structure and the Shapes of molecules.</p> <p>Quantitative Chemistry (amounts of a Substance) part one molar volume and gases, and part 2 titrations.</p> <p>Redox I</p>	<p>Equilibria Kc and Kp</p> <p>Acid and Base Equilibria</p> <p>Organic Chemistry II: Carbonyl compounds, carboxylic acids and Esters</p> <p>Organic Chemistry III: Benzene</p>
Half Term 2	<p>Inorganic Chemistry: Group VII and Group II.</p> <p>Quantitative Chemistry part 3 yield and atom economy</p>	<p>Organic Chemistry III: condensation polymers and amino acids</p> <p>Organic Chemistry III: reaction pathways</p> <p>Redox II</p> <p>Energetics II</p> <p>Modern Analytical Techniques II: NMR</p>
Half Term 3	<p>Introduction to Organic Chemistry</p> <p>Kinetics I</p> <p>Energetics I</p>	<p>Modern Analytical Techniques II: Chromatography</p> <p>Transition metals</p>
Half Term 4	<p>Introduction to organic chemistry continued</p> <p>Equilibria I</p>	<p>Kinetics II</p> <p>Review and Revise</p>
Half Term 5	<p>Modern analytical techniques.</p> <p>Review and Assessment</p>	<p>Revision</p>
Half Term 6	<p>Equilibria II</p> <p>Organic Chemistry II a: Chirality</p>	