

Chemistry A-Level
Exam Board:

	Year 12	Year 13	Additional Information
Autumn 1	<ul style="list-style-type: none"> Formulae & Equations (AS) Atomic structure & Isotopes (AS) Redox (AS) Orbitals & Elec Configuration (AS) Bonding and Structure (AS) Amount of Substance (AS) 	<ul style="list-style-type: none"> Rate equations and reaction order Energetics Thermodynamics Electrode potentials and electrochemical cells Aldehydes and Ketone recap Carboxylic acids CPAC's 	<p><u>Link to Syllabus</u></p> <p>AS - http://bit.ly/2XkeeSd</p> <p>A2 - http://bit.ly/2xhYvnT</p>
Autumn 2	<ul style="list-style-type: none"> Acids (AS) Periodicity, Group 2, Group 7 (AS) Qualitative analysis (AS) Basic organic chemistry (AS) 	<ul style="list-style-type: none"> Carboxylic acids continued Aromatic chemistry Amine chemistry K_p recap Acids and Bases CPAC's 	<p><u>Assessment for A-Level</u></p> <ul style="list-style-type: none"> Summer of Year 13 - 3 x 120 minute exams. Paper 1 – Physical + Inorganic, Paper 2 – Physical + Organic, Paper 3 – Any content, practical skills + MC.
Spring 1	<ul style="list-style-type: none"> Alkanes (AS) Alkenes (AS) Alcohols (AS) Enthalpy (AS) Equilibria (AS) 	<ul style="list-style-type: none"> Polymers Amino acids, proteins and DNA Periodicity Transition Metals CPAC's 	<p><u>Coursework</u></p> <ul style="list-style-type: none"> None
Spring 2	<ul style="list-style-type: none"> Equilibria continued (AS) Alcohols continued (AS) Haloalkanes (AS) Organic synthesis (AS) Reaction rates (AS) 	<ul style="list-style-type: none"> Transition Metals continued Reactions of Aqueous Ions Organic Synthesis NMR recap & Chromatography 	<p><u>Links to online support</u></p> <p>https://www.chemguide.co.uk/</p> <p>https://learnah.org/samplemenu/</p>

	<ul style="list-style-type: none"> How Fast (A2) 	<ul style="list-style-type: none"> CPAC's 	A-level Chemistry Notes https://www.physicsandmathstutor.com/chemistry-revision/
Summer 1	<ul style="list-style-type: none"> Analytical techniques (AS) How fast continued (A2) Carbonyl compounds (A2) 	<ul style="list-style-type: none"> Revision for A-level exams Completion of CPAC's 	<p><u>Subject Specific Resources Needed</u></p> <p>Scientific Calculator</p> <p>Ruler, pen, pencil</p> <p>Specification data sheet</p>
Summer 2	<ul style="list-style-type: none"> Revision for end of year PPE. PPE & Therapy on PPE PAG catch up. 	End of Course Examinations (Papers 1,2 & 3)	