

A-Level Chemistry Curriculum Map

Year 1 – A-Level Chemistry	
Term	Topics/Knowledge
<ul style="list-style-type: none"> Autumn 1 	<ul style="list-style-type: none"> Atomic Structure Amounts of Substance Bonding
<ul style="list-style-type: none"> Autumn 2 	<ul style="list-style-type: none"> Reteach Weeks 1 Energetics Chemical Equilibria
<ul style="list-style-type: none"> Spring 1 	<ul style="list-style-type: none"> Reteach Week 2 Oxidation, Reduction & Redox Kinetics
<ul style="list-style-type: none"> Spring 2 	<ul style="list-style-type: none"> Reteach Week 3 Periodicity Group 2, Alkaline Earth Metals Group 7, The Halogens
<ul style="list-style-type: none"> Summer 1 	<ul style="list-style-type: none"> Reteach Week 4 Introduction to Organic Chemistry Alkanes Halogenoalkanes
<ul style="list-style-type: none"> Summer 2 	<ul style="list-style-type: none"> Reteach Week 5 Alkenes Alcohols Organic Analysis

Year 2 – A-Level Chemistry	
Term	Topics/Knowledge
<ul style="list-style-type: none"> Autumn 1 	<ul style="list-style-type: none"> Thermodynamics Rate Equations Equilibrium Constant K_p for Homogeneous Systems Electrode Potentials and Electrochemical Cells
<ul style="list-style-type: none"> Autumn 2 	<ul style="list-style-type: none"> Reteach Weeks 1 Acids and Bases Properties of Period 3 Elements and their Oxides
<ul style="list-style-type: none"> Spring 1 	<ul style="list-style-type: none"> Reteach Week 2 Transition Metals Reactions of Ions in Aqueous Solutions Optical Isomerism
<ul style="list-style-type: none"> Spring 2 	<ul style="list-style-type: none"> Reteach Week 3 Aldehydes and Ketones Carboxylic Acids Aromatic Chemistry Amines Polymers
<ul style="list-style-type: none"> Summer 1 	<ul style="list-style-type: none"> Reteach Week 4 Amino Acids, Proteins and DNA Organic Synthesis Nuclear Magnetic Resonance (NMR) Chromatography
<ul style="list-style-type: none"> Summer 2 	<ul style="list-style-type: none"> Revision A-Level Examinations