

Curriculum Overview

| | Cycle 1 |
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| Year 12 Chemistry | <p>Physical: Atomic structure; Bonding; Amount of substance; Energetics</p> <p>Organic: Introduction to organic chemistry</p> |
| Year 13 Chemistry | <p>Physical: Acids and Bases; Electrochemistry</p> <p>Inorganic: Transition Metals and Complex ions</p> <p>Organic: Amines and Condensation Polymers; Amino Acids, Proteins and DNA</p> <p>Practical work</p> |

| Cycle 2 |
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| <p>Physical: Rates; Equilibria</p> <p>Inorganic: Redox and group chemistry</p> <p>Organic: Reactions of organic compounds; Organic analysis</p> <p>Practical work</p> |
| <p>Inorganic: Transition Metals and Complex ions</p> <p>Organic: Organic Analysis</p> <p>Revision: AS Organic Chemistry, Benzene, Redox, Thermodynamics, Rates, Electrochemistry</p> <p>Practical work and catch up</p> |

| Cycle 3 |
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| <p>Physical: Rates part 2</p> <p>Inorganic: Redox and group chemistry</p> <p>Organic: Aromatic chemistry</p> |
| Revision and exam preparation |