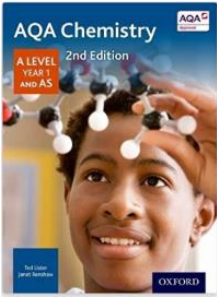
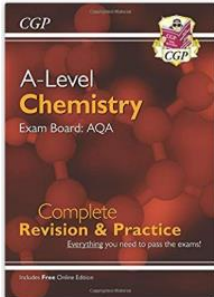


SUBJECT: Chemistry

EXAM BOARD: AQA



Course Overview	<p>The course is broken up into the 3 main strands of Chemistry these are;</p> <p>Physical Chemistry - Atomic structure, Amount of substance, Bonding, energetic, Kinetics, Chemical equilibria, Redox, Thermodynamics, Rate equations, Electrode potentials, Acids and Bases</p> <p>Organic Chemistry – Intro to organic chemistry, Alkanes, Halogenoalkanes, Alkenes, Alcohols, Organic analysis, optical isomerism, aldehydes and ketones, carboxylic acids and derivatives, aromatic chemistry, amines, polymers, amino acids proteins and DNA, organic synthesis, chromatography, NMR</p> <p>Inorganic Chemistry – Periodicity, Group 2 elements, Group 7 elements, Properties of period 3 elements and their oxides, transition metals, reaction of ions in aqueous solution</p>
Useful websites	<p>AQA Website: https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405 Specification outlines, past papers and mark schemes</p> <p>Notes/revision:</p> <p>http://www.chemguide.co.uk/</p> <p>http://a-levelchemistry.co.uk/</p>
Essential text books and reading list	<p>AQA Chemistry A level Year 1 and AS 2nd Edition (ISBN 978-0-19-835181-8)</p> <p>Revision guide – CGP A-level Year 1 and AS Chemistry (ISBN – 978 1 78294 321 1)</p> <p>We also have a chemistry library with lots of books available for you to use to widen and further develop your chemistry knowledge</p> <div data-bbox="550 1402 767 1697"></div> <div data-bbox="884 1402 1098 1697"></div>
Summer task	<ol style="list-style-type: none">1. Purchase a revision guide/ text book2. Review your GCSE Chemistry revision notes.3. Complete the summer task and research essay.