

## A-LEVEL CHEMISTRY – Exam Board Edexcel 9CH0

	TERM 1	TERM 2	TERM 3
Year 12	<p><b>CONTENT</b></p> <ol style="list-style-type: none"> <li>1. Topic 1 Atomic Structure and the Periodic Table</li> <li>2. Topic 2 Bonding and Structure</li> <li>3. Topic 3 Redox</li> <li>4. Topic 5 Formula, Equations and Amount of Substance</li> <li>5. Topic 4 Inorganic Chemistry and Periodic Table</li> <li>6. Topic 6 Introduction to Organic Chemistry</li> </ol>	<p><b>CONTENT</b></p> <ol style="list-style-type: none"> <li>6. Topic 6 Introduction to Organic Chemistry</li> <li>7. Topic 7 Modern Analytical Techniques</li> <li>8. Topic 8 Energetics I</li> <li>9. Topic 9 Kinetics I</li> </ol>	<p><b>CONTENT</b></p> <p>Topic 10 Equilibrium I            Topic 11 Equilibrium II            Topic 13A Energetic II (Lattice Energies)            Topic 13 Energetics II Entropy</p>
Year 13	<p><b>CONTENT</b></p> <ol style="list-style-type: none"> <li>12. Topic 12 Acid-Base Equilibria</li> <li>13. Topic 14 Redox II</li> <li>14. Topic 15 Transition metals</li> <li>17. Topic 17 Organic Chemistry II               <ul style="list-style-type: none"> <li>A - Chirality</li> <li>B – Carbonyl Compounds</li> <li>C – Carboxylic Acids</li> </ul> </li> </ol>	<p><b>CONTENT</b></p> <ol style="list-style-type: none"> <li>15. Topic 15 Transition Metals continued</li> <li>16. Topic 16 Kinetics II</li> <li>18. Topic 18 A&amp;B Organic Chemistry III               <ul style="list-style-type: none"> <li>A – Arenes</li> <li>B – Amines, Amides, Amino acids and Proteins</li> </ul> </li> <li>19. Topic 19 Modern Analytical Techniques II               <ul style="list-style-type: none"> <li>A – Mass Spectrometry</li> <li>B – NMR</li> <li>C – Chromatography</li> </ul> </li> </ol>	<p><b>CONTENT</b></p> <p>Topic 18 C Organic Synthesis            Core Practical - Making Aspirin            Core Practical Assessment Check            Revision</p>
	<p><b>ASSESSMENTS</b></p> <ul style="list-style-type: none"> <li>• Standardised Tests which can monitor progress</li> <li>• Homework Assessments</li> <li>• Textbook questions</li> </ul>	<p><b>ASSESSMENTS</b></p> <ul style="list-style-type: none"> <li>• Standardised Tests which can monitor progress</li> <li>• Homework Assessments</li> <li>• Textbook questions</li> </ul>	<p><b>ASSESSMENTS</b></p> <ul style="list-style-type: none"> <li>• Standardised Tests which can monitor progress</li> <li>• Homework Assessments</li> <li>• End of Year exam</li> </ul>

HOW PARENTS CAN SUPPORT LEARNING

Ensuring your child completes homework and brings the correct equipment to every lesson

Encourage use of websites for review and past paper questions.

Encourage use of moodle.

Encourage review of weekly topics.

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