

Subject	Term 1	Term 2	Term 3
English	<p><b><u>Romeo and Juliet (GCSE English Literature)</u></b></p> <p><b><u>Woman in Black and Dr Jekyll and Hyde (GCSE English Literature)</u></b></p> <p>Students will be assessed weekly under timed conditions. Students will be informed of the topic/text a week in advance.</p> <p>Friday Intervention sessions for those who wish to attend.</p>	<p><b><u>GCSE English Language Paper 1 and Paper 2</u></b></p> <ul style="list-style-type: none"> <li>• Paper 1: Fiction, C19th text and Imaginative Writing</li> <li>• Paper 2: Non Fiction and Transactional Writing</li> </ul> <p>Students will be assessed weekly under timed conditions. Students will be informed of the topic/text a week in advance.</p> <p>Friday Intervention sessions for those who wish to attend.</p>	<p><b><u>Revision and Exams</u></b></p>
Maths	<p><b><u>Foundation</u></b></p> <p>Unit 17 Perimeter, Area and Volume 2: Circumference of a Circle, Area of a Circle, Sectors of a Circle, Composite Shapes, Pyramids, Cones &amp; Spheres</p> <p>Unit 18 Number 2: Fractions, Indices and Standard Form</p> <p>Unit 19 Shape and Space: Similarity, Congruence, Vectors</p>	<p><b><u>Foundation</u></b></p> <p>Unit 20 Algebra 2: Graphs of Functions, Non-linear Graphs, Simultaneous Equations, Rearranging Formulae, Proof</p> <p>Revision for the GCSE Examinations</p> <p><b><u>Higher</u></b></p> <p>Unit 19 Proportion and Graphs: Direct and Inverse Proportion, Exponential</p>	<p><b><u>Revision and Exams</u></b></p>

	<p><b>Higher</b></p> <p>Unit 16 Circle Theorems: Radii, Chords, Tangents, Angles in Circles</p> <p>Unit 17 More Algebra: Rearranging Formulae, Algebraic Fractions, Surds, Solving Equations with Algebraic Fractions, Functions, Proof</p> <p>Unit 18 Vectors and Geometric Proof: Vector Arithmetic, Parallel Vectors, Geometric Problems</p>	<p>Functions, Non-linear Graphs, Graph Transformations</p> <p>Revision for the GCSE Examinations</p>	
Science	<p><b>Genetics, Variation and Evolution</b></p> <ul style="list-style-type: none"> <li>● DNA</li> <li>● Meiosis</li> <li>● Asexual reproduction</li> <li>● Genetic crosses</li> <li>● Genetic disorders</li> <li>● Variation</li> <li>● Evolution</li> <li>● Natural Selection</li> <li>● Fossil evidence for evolution</li> <li>● Antibiotic resistance</li> <li>● Selective breeding</li> <li>● GMO</li> <li>● Classification</li> </ul> <p><b>Energy Changes in Reactions</b></p>	<p><b>Waves and Electromagnetism</b></p> <ul style="list-style-type: none"> <li>● Transverse and longitudinal waves</li> <li>● The electromagnetic spectrum</li> <li>● Hazards of x rays and gamma rays</li> <li>● Uses and applications of electromagnetic waves</li> <li>● Magnets</li> <li>● Electromagnetism</li> <li>● Electric motors</li> <li>● Calculating magnetic force</li> </ul> <p><b>Hydrocarbons and chemical analysis</b></p> <ul style="list-style-type: none"> <li>● Hydrocarbons - alkanes</li> <li>● Fractional distillation</li> </ul>	<p><b>The Atmosphere</b></p> <ul style="list-style-type: none"> <li>● Composition of our atmosphere</li> <li>● How our atmosphere has evolved</li> <li>● Atmospheric pollutants</li> <li>● Sustainable development</li> <li>● Global warming</li> <li>● The Greenhouse Effect</li> <li>● Life Cycle Assessments</li> </ul>

	<ul style="list-style-type: none"><li>● Exothermic and endothermic reactions</li><li>● Energy profile diagrams</li><li>● Calculating rate of reaction</li><li>● Factors affecting rate of reaction</li><li>● Collision theory</li><li>● Catalysts</li><li>● Reversible reactions</li></ul>	<ul style="list-style-type: none"><li>● Properties of different fractions</li><li>● Cracking</li><li>● Pure substance</li><li>● Formulations</li><li>● Chromatography</li><li>● Testing for gases</li></ul> <p><b>Ecology</b></p> <ul style="list-style-type: none"><li>● Communities</li><li>● Abiotic and biotic factors</li><li>● Adaptations</li><li>● Organisation of ecosystems</li><li>● How materials are recycled in ecosystems</li><li>● Human impact on biodiversity</li><li>● Maintaining biodiversity</li></ul>	
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