

Chemistry

Subject Information Sheet

Course Title:	Chemistry
Subject:	A Level Chemistry
Qualification:	GCE A level (Syllabus: A level 7405)
Exam Board:	AQA
General Course Description	<p>The course consists of 3 modules and a practical component taught over 2 years,</p> <p>The subject content is designed to be interesting and relevant to real world experiences providing a stepping stone to future study.</p>
Course Content and Teaching Units	<p>Year 12 & 13</p> <ul style="list-style-type: none"> • Physical Chemistry Atomic structure, Bonding, Energetics, Kinetics, Equilibria, Amount of substance • Inorganic Chemistry Periodicity, Group 2, Group 7 • Organic Chemistry Nomenclature, Alkanes, Alkenes, Halogenoalkanes, Alcohols, Analysis • Practical endorsement 12 required practicals to demonstrate a range of skills over the 2 years. <p>http://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405</p>
Entry Requirements	<p>Level 6 or higher in GCSE Chemistry or level 7-7 in Combined Science plus Level 6 in GCSE Maths. We recommend that you should also be studying A level Maths as part of your A level choices.</p>

Assessment	<p>The course is assessed by written examinations using a variety of assessment styles, including multiple choice, short and long answer questions:</p> <ul style="list-style-type: none"> • A level (7405): Three exams in Y13 (each paper 2 hours) • There will be 2 sets of internal exams in year 12 to inform you of your progress. <p>Physical Chemistry and Practical skills are assessed in all of the examination papers:</p>
Financial Information	<p>There is no financial requirement to this course but there will be opportunities for you to purchase revision guides if you wish to.</p>
Progression Opportunities	<p>This course lays the groundwork for further study in courses such as Chemistry, Medicine and Pharmacy. It is a qualification that gives the opportunity to develop a wide variety of key skills and competencies including literacy, numeracy, dexterity, resilience and analytical and logical thinking; opening doors to a number of careers.</p> <p>Here are some of the routes our Chemistry students have taken: Chemical Engineering, Medicine, Dentistry, Pharmacy, Mathematics, Biology, Theoretical Physics, RAF, Police, Paramedic, Teaching, Forensic Science, Analytical Chemist.</p>
Further Information about our courses including results	<p>This is a popular, challenging and rewarding course, a high proportion of students achieve A* - A grades</p> <p>We have achieved considerable success in the Cambridge Chemistry Challenge (Y12), and the Royal Society of Chemistry Olympiad (Y13)</p>
Trips, visits and extra-curricular	N/A