

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 (48% 2020)</p> <p>We have achieved considerable success in the Cambridge Chemistry Challenge (Y12), and the Royal Society of Chemistry Olympiad (Y13)</p> <p>We are proud to run an open door policy where students can feel supported and encouraged at whatever level they are operating. It is our aim to work with you and the people that support you to help you achieve the very best that you can in Chemistry.</p>
Trips, visits and extra-curricular	<p>During the two year course you will be given the chance to enter competitions run by Cambridge University and the Royal Society of Chemistry. Opportunities to attend lectures at local universities are offered. In addition we enter a team into the School Analyst Competition, making the National finals in 2018 and winning the competition in 2019.</p>