

Chemistry Course Information

Title of Course	Chemistry
Exam Board	OCR
Syllabus title	Chemistry A
Course Code	H432 (2-year A level) http://www.ocr.org.uk/alevelchemistrya
Course Content	Module 1: Development of Practical Skills in Chemistry Module 2: Foundations in Chemistry Module 3: Periodic Table & Energy Module 4: Core Organic Chemistry Module 5: Physical Chemistry & Transition Elements Module 6: Organic Chemistry & Analysis
Assessment and weighting	A Level Paper 1: Periodic Table, Elements & Physical Chemistry (37%) A Level Paper 2: Synthesis & Analytical Techniques (37%) A Level Paper 3: Unified Chemistry (26%) A Level: Endorsement of Practical Work – Pass/Fail
Trips/visits	Ad hoc local trips if suitable opportunities arise
Future opportunities/careers	The course is directly relevant for many degrees in chemistry or related subjects including medicine, biochemistry, and chemical engineering. The subject can also support an application for a degree in something completely different. A good A level pass in Chemistry is also evidence of general academic standards and transferable skills for candidates who wish to move straight into employment.
Links with Other Subjects	Candidates who are also taking at least one of the following subjects will have a much greater choice of destinations and courses when they leave school: Biology, Geography, Mathematics, Physics

Person Specification

	Essential:
Qualifications / School Record	<ul style="list-style-type: none"> • Grade b or better (UMS > 69) on BOTH GCSE papers C1 & C2 • GCSE grade 5 or better in English • GCSE grade 5 or better in Mathematics • 95% or better attendance in year 11 • ATL in sciences never less than 2 (good) during KS4
Attitude / Qualities	<ul style="list-style-type: none"> • Hard working & organised • Positive & enthusiastic • An interest in chemistry and chemical issues • An interest in practical work and the process of scientific enquiry
Skills	<ul style="list-style-type: none"> • Safe handling of laboratory equipment and chemicals • Handling data and plotting graphs and charts • Competence in general arithmetic • Learning and using specialist vocabulary • Working as part of a small team
	Desirable:
Qualifications / School Record	<ul style="list-style-type: none"> • Grade c or better (UMS > 59) on GCSE paper C3 • Grade b or better (UMS > 69) on any assessed GCSE practical work
Skills	<ul style="list-style-type: none"> • General skills in ICT for word-processing and making presentations