



Course Details		Chemistry
Exam Board		OCR
Syllabus title		Chemistry A
Course Code		H432 (2-year A level) <a href="http://www.ocr.org.uk/alevelchemistrya">http://www.ocr.org.uk/alevelchemistrya</a>
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/career		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.



Person Specification		Chemistry
		<b>Essential</b>
Qualifications/ School record		<ul style="list-style-type: none"><li>• Grade 5 or better in GCSE Chemistry OR GCSE Combined Science; Trilogy</li><li>• GCSE grade 5 or better in English</li><li>• GCSE grade 5 or better in Mathematics</li><li>• 95% or better attendance in year 11</li><li>• ATL in sciences never less than 2 (good) during KS4</li></ul>
Attitude/Qualities		<ul style="list-style-type: none"><li>• Hard working &amp; organised</li><li>• Positive &amp; enthusiastic</li><li>• An interest in chemistry and chemical issues</li><li>• An interest in practical work and the process of scientific enquiry</li></ul>
Skills		<ul style="list-style-type: none"><li>• Safe handling of laboratory equipment and chemicals</li><li>• Handling data and plotting graphs and charts</li><li>• Competence in general arithmetic</li><li>• Learning and using specialist vocabulary</li><li>• Working as part of a small team</li></ul>
Experience		<ul style="list-style-type: none"><li>• None</li></ul>
		<b>Desirable:</b>
Qualifications/ School record		<ul style="list-style-type: none"><li>• Grade 6 or better in GCSE Chemistry OR GCSE Combined Science; Trilogy</li></ul>
Skills		<ul style="list-style-type: none"><li>• General skills in ICT for word-processing and making presentations</li></ul>
Experience		<ul style="list-style-type: none"><li>• None</li></ul>