



Maths &
Computing

Course Details		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%)	
Trips/visits	A Level: Endorsement of Practical Work – Pass/Fail 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.	



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Person Specification		Chemistry	
Qualifications/ School record	Essential		
		<ul style="list-style-type: none">• Grade 6 in single science chemistry or 6/6 in trilogy science• 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
	Experience		<ul style="list-style-type: none">• None
	Qualifications/ School record	Desirable:	
		<ul style="list-style-type: none">• Grade 7 in single science chemistry or 7/7 in trilogy science	
Skills		<ul style="list-style-type: none">• General skills in ICT for word-processing and making presentations	
Experience		<ul style="list-style-type: none">• None	