



Maths &  
Computing

Course Details		Biology
Exam Board	OCR	
Syllabus title	Biology A	
Course Code	H420 (2-year A level) <a href="http://www.ocr.org.uk/alevelbiologya">http://www.ocr.org.uk/alevelbiologya</a>	
Course Content	Module 1: Development of Practical Skills in Biology Module 2: Foundations in Biology Module 3: Exchange & Transport Module 4: Biodiversity, Evolution & Disease Module 5: Communication, Homeostasis & Energy Module 6: Genetics, Evolution & Ecosystems	
Assessment and weighting	A Level Paper 1: Biological Processes (37%) A Level Paper 2: Biological Diversity (37%) A Level Paper 3: Unified Biology (26%)	
Trips/visits	A Level: Endorsement of Practical Work – Pass/Fail Day trip to Whipsnade Zoo Other ad hoc local trips if suitable opportunities arise	
Future opportunities/career	The course is directly relevant for many degrees in biology or related subjects including medicine, biochemistry, and pharmacy. The subject can also support an application for a degree in something completely different. A good A level pass in Biology is also evidence of general academic standards and transferable skills for candidates who wish to move straight into employment.	



Person Specification		Biology
Qualifications/ School record	<b>Required</b>	
		<ul style="list-style-type: none"><li>• Grade 6 in single science biology or 6/6 in trilogy science</li><li>• GCSE grade 6 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 biology and biological 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>• Grade 5 or better in GCSE Biology OR GCSE Combined Science; Trilogy</li><li>• GCSE grade 6 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>
Qualifications/ School record	<b>Desirable:</b>	
		<ul style="list-style-type: none"><li>• Grade 7 in single science Biology or 7/7 in trilogy science</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 required</li></ul>