



Who is this course for?

Students who have gained grade 6/6 or better in Combined Science GCSE along with Grade 6 or better in English and Maths

A-level Biology will allow your son to nurture a passion for Biology and lay the groundwork for careers as a :

Doctor, Clinical molecular geneticist, Nature conservation officer  
Pharmacologist, Research scientist, Vet, Secondary school teacher, Marine biologist, Dentist

What is the course about?

1. Biological molecules
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms
5. Energy transfer in and between organisms
6. Organisms respond to changes in their internal and external environment
7. Genetics, populations , evolution and ecosystems
8. The control of gene expression

A separate endorsement of practical skills based on 12 experiments carried out during the course.

How will I be assessed and what will I be studying?

Paper 1	+	Paper 2	+	Paper 3
<b>What's assessed</b> <ul style="list-style-type: none"> <li>Any content from topics 1–4, including relevant practical skills</li> </ul>		<b>What's assessed</b> <ul style="list-style-type: none"> <li>Any content from topics 5–8, including relevant practical skills</li> </ul>		<b>What's assessed</b> <ul style="list-style-type: none"> <li>Any content from topics 1–8, including relevant practical skills</li> </ul>
<b>Assessed</b> <ul style="list-style-type: none"> <li>written exam: 2 hours</li> <li>91 marks</li> <li>35% of A-level</li> </ul>		<b>Assessed</b> <ul style="list-style-type: none"> <li>written exam: 2 hours</li> <li>91 marks</li> <li>35% of A-level</li> </ul>		<b>Assessed</b> <ul style="list-style-type: none"> <li>written exam: 2 hours</li> <li>78 marks</li> <li>30% of A-level</li> </ul>
<b>Questions</b> <ul style="list-style-type: none"> <li>76 marks: a mixture of short and long answer questions</li> <li>15 marks: extended response questions</li> </ul>		<b>Questions</b> <ul style="list-style-type: none"> <li>76 marks: a mixture of short and long answer questions</li> <li>15 marks: comprehension question</li> </ul>		<b>Questions</b> <ul style="list-style-type: none"> <li>38 marks: structured questions, including practical techniques</li> <li>15 marks: critical analysis of given experimental data</li> <li>25 marks: one essay from a choice of two titles</li> </ul>

Useful websites/further reading

We are following the AQA specification (7402) and this can be downloaded from:

<http://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402>

**Important information:** Your son has access to the textbook above online on Kerboodle.

