



**For a future
without limits**
Ernest Bevin Sixth Form

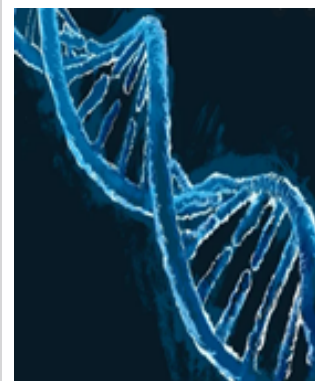
A Level - Biology

'How paramount the future is to the present when one is surrounded by children' – Darwin

What is Biology?

Biology is the study of how things work on a cellular level. Biology underpins large parts of our life; from how and why organisms function to effective management of the environment for humanity.

Within the breadth of Biology A-level students will learn about life processes, genetics and microbiology, whilst developing a range of transferable skills in practical techniques, conceptual problem solving and application in wider environmental fields.



What will you study?

Paper 1: Biological Processes

Paper 2: Biological Diversity

Paper 3: Unified Biology

Assessment

The course is assessed through two 125 minute exam papers, and one 105 minute exam paper in Year 13. All with a mixture of multiple-choice, short and extended questions.

Assessment Objective

AO1	Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
AO2	Apply knowledge and understanding of scientific ideas, processes, techniques and procedures: * in a theoretical context * in a practical context * when handling qualitative data * when handling quantitative data
AO3	Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to: * make judgements and reach conclusions * develop and refine practical design and procedures .

Getting ready to start your A Level Biology course

Task1: Log in to your Kerboodle account and access the A level Sciences for OCR section. Go to the resources area and select A level Biology A for OCR and the sub-tab of GCSE to A-level transition from the left hand menu. Download the [student support sheet](#) to read and work through.

Task2: Explore interesting areas of Biology by watching one or more of the short Ted Talks. [Biology TED talks](#). Write a summary of the talk in less than 250 words.

Task3: Review your GCSE Biology revision guide. Look over modules – Variation and evolution, Genetics and Ecology in particular. These are mostly the ones covered in Year 11. These modules are by far the biggest underpinning key principles for success in A-level Biology.

Task4: Visit websites like khan academy, cellsalive.com, biologymad.com for biology resources and support materials

EXTENSION TASK: You may wish to find out more about the course we will be following. Buy OCR Biology A, By Sue Hocking. This is an excellent book and is essential to support your studies. Additionally CGP offer an [A-Level bridging revision book](#) which is also particularly useful.

