

Biology

Why this course is right for you

To comprehend the complexity of living things, how they relate to one another and their environment is truly astounding. Consider that we are merely the current stage in the formation of life which began some 4 billion years ago. This gives you an idea of where your studies can take you with A Level Biology.



Course Content

Exam board: AQA

Head of Department: Ben Millett

Year 1 Topics

- 1 Biological molecules
- 2 Cells
- 3 Organisms exchange substances with their environment
- 4 Genetic information, variation and relationships between organisms

Year 2 Topics

- 5 Energy transfers in and between organisms
- 6 Organisms respond to changes in their internal and external environments
- 7 Genetics, populations, evolution and ecosystems
- 8 The control of gene expression

Assessment:

Paper 1 35%

Paper 2 35%

Paper 3 30%

Subject Entry Requirements

Grade 6 GCSE Biology or Grade 6-6 GCSE Combined Science and Grade 6 in Maths.

Beyond A Levels

Biology shows employers and universities that you have strong scientific and academic capabilities. Being such a highly respected qualification, taking A Level Biology will give you access to many degree courses and careers.

It makes an excellent base for degrees in healthcare and biological sciences. And can complement those in sports science, psychology and sociology among others.

Going further

There are many resources available to extend your physics knowledge prior to beginning 6th Form. Try watching Secret universe: The hidden life of the cell available on BBC iplayer.

"I cannot think of a single field in biology or medicine in which we can claim genuine understanding, and it seems to me the more we learn about living creatures, especially ourselves, the stranger life becomes."

Lewis Thomas