



WESTONBIRT
— SCHOOL —

BIOLOGY A-LEVEL

Exam Board - OCR

What can I expect from this subject?

We live in a world driven by science. Biology is a constantly evolving subject, endeavouring to stay up-to-date with modern developments and applications.

In the two- year course topics on cell biology, including structure and functioning along with biological molecules, membranes and cell division are covered in the first year, as well as exchange and transport, ecology, biodiversity and communicable diseases. The second year looks at homeostasis, cell communication and energy, to include photosynthesis and respiration, nervous and hormonal communication and plant and animal responses as well as genetics and ecosystems.

The A-Level qualification consists of three papers. Students also complete designated practicals which are assessed in the written papers, leading to a practical endorsement at the end of the course.

What can I do to prepare for this course?

- Read relevant scientific articles over the summer.
- Study the “head start” material as preparation for A-Level Biology.

What will my next steps be?

Biology is a useful area of study for those considering careers in medicine, veterinary science, pharmacology, physiotherapy or teaching. Careers in conservation, land management and research are also pertinent.

The possession of any science A-Level says something about a student's ability to handle information, process and analyse it and draw conclusions. There are many professional fields such as law, media, health care and business that see these as invaluable skills.