

A-LEVEL BIOLOGY

Why study A-level Biology?

Biology is about finding out about our natural world and all the living things in it, from the largest mammals down to the smallest viruses and our very own microscopic DNA.

Biologists try to understand how organisms function, how we evolved and the things that make us sick or improve health. Biology is the basis for Life and health.

It is a pre-requisite subject for many degrees in Biological Science and Medical related fields of study.

Biology is a fascinating subject, the study of which will see you learn about the natural world and all the living things within it.

The job of a Biologist can take them anywhere, from labs to zoos to the depths of the oceans in the arctic or field work in the Amazon jungle as well as such for life on Mars. Biologists use their knowledge to stop the spread of diseases, track down natural resources, improve public health, animal care and conservation and work out the true impacts of things like pollution.

Exam Board: OCR

Course overview...

Year 12:

- Development of practical skills in biology
- Foundations in biology
- Exchange and transport
- Biodiversity, evolution and disease

Year 13:

- Communication, homeostasis and energy
- Genetics, evolution and ecosystems

Possible careers linked to this qualification...

Medical doctor, academic researcher, biotechnologist, lecturer, teacher, physiotherapist, marine biologist, microbiologist, pharmacologist, research scientist, biochemist, pharmacist. Immunologist, orthopaedist, Surgeon, paramedics, veterinary nurse, genetic counsellor, neuroscientist, pathologist, lab technician, ecologist, forensics ecology, environmental management, food science, agricultural engineering and zoology.

Some of our students have gone on to study...further after completing...

- Medicine
- Biomedical Science
- Pharmacy
- Biochemistry
- Midwifery
- Radiotherapist
- Nursing
- Neuroscience



Langdon
Park
School

Professionalism - Inclusion - Pedagogy - Curriculum



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