

# COWLEY

SIXTH FORM COLLEGE



A-LEVEL

## BIOLOGY

### Overview

In your first year, you will study Biological Molecules, Cells, How organisms exchange substances with their surroundings and Genetic information and relationships between organisms.

Your second year will look at Energy transfers in and between organisms, How organisms respond to changes in their environment, Genetics, Populations, Evolution, Ecosystems and finally The control of gene expression.

You will be taught by an enthusiastic and caring team and you will have the opportunity to experience a wealth of enrichment activities, such as taking part in the Biology Olympiad, run by the Royal Society of Biology.

### Outside the classroom

Students will have the opportunity to take part in trips and to attend talks by notable scientists.

Students will also get the opportunity to work alongside professional scientists, technologists, engineers and mathematicians as part of a 4-week Nuffield Research Summer Projects placement.

### Equipment that you will need

You will be given a full set of resources, which include text books, access to learning apps and practical activity equipment. The only item you will need to purchase (if you don't have already) is a scientific calculator.



Biology is a subject that I find most interesting. The lessons are engaging and we do lots of practicals. The teachers are really friendly and ready to help at any time. I can't recommend Biology enough!



## Progression

Previous students have gone on to study courses such as: Medicine, Pharmacology, Genetics, Applied Physiology, Law, Biomedical Sciences, Cell Biology, Anatomy and Molecular Genomics to name but a few!