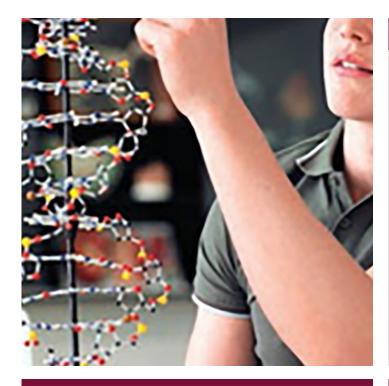
COURSE OUTLINE

BIOLOGY - A LEVEL



COURSE OUTLINE

Through learning about biological principles and processes, you will appreciate how biologists approach problems and provide solutions with efficacy. A Level biology will develop the essential skills of investigating a problem with the aim of generating evidence from which valid conclusions can be drawn.

DETAILS ABOUT THE COURSE

Topics covered:

Topic 1: What causes cardiovascular disease?

Topic 2: What causes cystic fibrosis?

Topic 3: How do you get a fertilised egg to a whole organism?

Topic 4: How does the rainforest depend on the fig tree?

Topic 5: Why are polar bears endangered?

Topic 6: How is biology used to solve crimes?

Topic 7: How does biology make you a good athlete?

Topic 8: How does your brain work?

Co-curricular/trips:

Biological fieldwork trips to @Bristol, Clevedon, Brean and Bristol Zoo.

Future prospects:

Genetics, teaching medicine, nursing, environmental sciences, forensic science, zoology, veterinary science, ecology.

You might also take...

Chemistry, physics, maths, PE, psychology, geography.

KEY INFORMATION

Prior attainment:

Five grades at 9-4

Grade 6 in GCSE biology or grades 6,6 in combined science required

Grade 7 in GCSE biology or grades 7, 7 in combined science desirable

Grade 5+ in GCSE maths desirable

Assessment:

Year 1:

Paper 1 - Lifestyle, Transport, Genes and Health (50%)

Paper 2 - Development, Plants and the Environment (50%)

Year 2:

Paper 1 - The Natural Environment and Species Survival

Paper 2 - Energy Exercise and Communication

Paper 3 - General and Practical Applications in biology

100% written examination for all papers