

# A LEVEL BIOLOGY

## WHAT DO I NEED TO STUDY THIS COURSE?

The entry requirements for this course are 5 GCSEs at grade 6 or above including Grade 6 in GCSE Biology or 66 in Combined Science plus grade 6 in GCSE Maths and grade 5 in English Language

## IS THIS COURSE FOR ME?

This course is for you if you are keen to understand more about the structure, roles and interactions of living organisms within ecosystems. The course covers a wide range of topics; ranging from the molecular make up of biological molecules at the cellular level to the interactions between organisms within ecosystems.

## WHERE WILL THIS COURSE TAKE ME?

There are many careers, for which A Level Biology is either essential or very useful; these include – zoology, medicine, nursing, dentistry, physiotherapy, forensics, criminology, and veterinary science. Other careers include pharmacy, pharmacology, biochemistry, sports therapy, psychology, speech therapy, forestry, biotechnology, food science, microbiology, radiography, teaching, business, science writing or art.

## WHAT WILL I LEARN?

### Year 1 Units:

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

### Year 2 Units:

5. Energy transfers within and between organisms
6. Organisms respond to changes to internal and external environments
7. Genetic populations, evolution and ecosystems
8. The control of gene expression

## HOW WILL I BE ASSESSED?

There are 3 written examinations

### Paper 1

Any content from topics 1–4, including relevant practical skills; written exam: 2 hours 91 marks 35% of A-level

### Paper 2

- Any content from topics 5–8, including relevant practical skills; written exam: 2 hours, 91 marks, 35% of A-level

### Paper 3

- Any content from topics 1–8, including relevant practical skills; written exam: 2 hours, 78 marks, 30% of A-level



## FURTHER INFORMATION

See Mrs Booth

