

## Why choose to study GCSE Biology?

Studying biology as a separate subject should encourage all learners to develop their curiosity about the living world and provide insight into and experience of how science works. Further, all learners should be able to engage with biology in their everyday lives and to make informed choices about further study in biology and related disciplines and about career choices.

## What will I learn?

This Biology GCSE is divided into three modules called Biology 1 (B1), Biology 2 (B2) and Biology 3 (B3). Each module consists of the topics listed below.

Unit B1 – keeping healthy, the nervous system, use and abuse of drugs, energy and biomass in food chains, waste materials from plants and animals, genetics, evolution.

Unit B 2 – cells and cell transport, tissues, organs and systems, photosynthesis, organisms and their environment, proteins, respiration, inheritance, speciation.

Unit B3 – Movement of molecules in and out of cells, transport systems in plants and animals, homeostasis, humans and their environment.

## How is GCSE Biology assessed?

Unit B1 – 60 minute written exam paper worth 25% of the total marks

Unit B2 – 60 minute written exam paper worth 25% of the total marks

Unit B3 – 60 minute written exam paper worth 25% of the total marks

Unit 4 – controlled assessment, carried out in the lab, worth 25% of the total marks

All of the exams will take place at the end of year eleven with the Unit 4 practical work taking place in lesson times during year eleven

## Where will GCSE Biology lead?

Course progression	Career opportunities
Studying Biology in the 6th form at AS and A2	To name but a FEW career opportunities; Medicine, nursing, physiotherapy, radiography, microbiology, dentistry, paramedics, nutritionist, dietician, food technologist, environmental science, biochemistry, science teacher, forensic science, police force, pharmacist, science journalist or broadcaster, research scientist, medical marketing, agriculturalist, geneticist

## What do students say about GCSE Biology?

*"I find it hard work but if you are prepared to put in the effort you can find it to be quite rewarding."*

*"I have found it fun and informative."*

*"It is interesting and I have learnt so much about the subject."*