

# Biology

## A-Level Edexcel

### The Course

- Year 12: Biological Molecules; Cells & Viruses; Reproduction; Classification; Biodiversity; Exchange & Transport
- Year 13: Energy for Biological Processes; Microbiology & Pathogens; Modern Genetics; Origins of Genetic Variation; Control Systems; Ecosystems

This is a course where you will learn about biological principles through carrying out a wide range of experiments. You will carry out a range of investigative activities including fieldwork at a variety of locations including seashore, woodland and ponds.

### Assessment

Paper 1 and Paper 2 (1 hour 45 minutes) cover the content from the whole of the two year course.

Paper 3 (2 hours 30 minutes) examines investigative skills and the ability to link topics.

### Entry Requirements

Pathway 1 or 2 entry requirements plus:

- Grade 6+ in GCSE Biology and a second science
- **or** Grade 6-6+ in GCSE Combined Science

### Careers & Higher Education

Biology can lead to University studies in Biological Sciences and careers in medicine, animal science, education and environmental science.

*"Biology will relate every human gene to the genes of other animals and bacteria, to this great chain of being."*

*Walter Gilbert*

