



BIOLOGY

The science of life



Exam Board:

OCR

Components:

Module 1 – Development of practical skills in biology

Module 2 – Foundations in biology

Module 3 – Exchange and transport

Module 4 – Biodiversity, evolution and disease

Module 5 – Communication, homeostasis and energy

Module 6 – Genetics, evolution and ecosystems

Assessment:

Paper 1:

Biological processes

100 marks

2 hour 15 minutes

Paper 2:

Biological diversity

100 marks

2 hour 15 minutes

Paper 3:

Unified biology

70 marks

1 hour 30 minutes

Summary

The Biology specification encourages students to:

- develop essential knowledge and understanding of different areas of the subject and how they relate to each other.
- develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods.
- develop competence and confidence in a variety of practical, mathematical and problem solving skills.
- develop their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject.
- understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society

.....and most importantly, students enjoy developing these skills within our department.

Looking Ahead

Former students are currently studying degrees in a range of subjects, including Medicine, Dentistry, Veterinary Science, Biological Sciences, Nursing, Medical Biochemistry, Architecture and Environmental Sciences. Many have gone on to complete a PhD in their specialist field, and are contributing to medical research. Other students have moved onto Higher Level Apprenticeships.

Link Subjects

Biology complements a range of subjects including Chemistry, Physics, Geography and Maths.

Key Skills Developed

- ⇒ Literacy
- ⇒ Maths

Student View

"Its rewarding and challenging but enjoyable."

Contact Information:

Mrs. F. Vause (fvause@saintben.derby.sch.uk)