

# Biology

**A LEVEL**

*Exam Board: AQA*



**Beckfoot**  
Sixth Form

Biology is a fantastic choice for students hoping to pursue a science related career and for those students who are fascinated by the living world. Topics are wide-ranging to develop your understanding and appreciation of the diversity of living organisms, from simple viruses to more complex animals and plants. Assessment is in the form of 3 written exams at the end of Year 13, each lasting 2 hours. A-Level students will work towards an internally assessed practical endorsement in Biology.

## *Subject specific criteria:*

- Grade 6 in GCSE Biology and either Chemistry or Physics or Grade 6-6 in Combined Science
- Grade 5 in GCSE Mathematics and English

## *Skills required:*

- Analytical skills
- Problem solving
- Curiosity about all living things
- Excellent communication

## *Units studied:*

- Biological molecules, Cells and Exchange
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Genetics, populations, evolution and ecosystems, gene expression

## *Futures:*

A Level Biology is a requirement for many science degree courses including Veterinary Medicine, Physiotherapy, Environmental Science, Conservation, Marine Biology, Sports Science, Forensic Science, Zoology and Pharmacy. It is also widely accepted as entry to non-science related degrees including Economics, International Business Management and Law.

## *Subject enrichment:*

Various opportunities to enter national and Biology competitions, along with a field trip to a nearby coastal environment to develop sampling techniques.