

BIOLOGY

A bitesize overview of the curriculum.

YEAR 1

- Pupils start by studying the 'rhythm and melody' of Biology: Cell Biology and Biochemistry.

This builds on and extends GCSE knowledge and leads into later topics including:

- The immune system, transport and exchange.
- DNA and Protein Synthesis.
- Classification and Biodiversity.

YEAR 2

- Knowledge of biochemistry is used to explore the bioenergetics of respiration and photosynthesis.
- DNA structure leads into a study of genetics, populations and future technologies.
- Aspects of Human Biology are also studied via the nervous system and the control of blood glucose and water potential.

WHAT SUBJECTS COULD I STUDY AT UNIVERSITY?

- Medicine
- Veterinary Science
- Biological Sciences

WHAT CAREERS COULD THIS LEAD TO?

- Environmental Consultant
- Forensic Scientist
- Dietician

ENRICHMENT OPPORTUNITIES

- Fieldtrip to Nettlecombe Court
- BioMed Society
- Anatomy Live! Dissection Workshop
- David Attenborough Appreciation Society
- Advanced Science Society Lectures