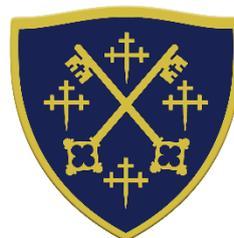


# A Level: Biology

Specification: OCR A



**BISHOP  
STOPFORD  
SCHOOL**  
**Sixth Form**  
faith | justice | responsibility | truth | compassion

*Explore the science of life and uncover the mysteries of the natural world. From cutting-edge research to real-world applications, studying Biology challenges you to think critically, ask big questions, and understand the living world around us.*

## Subject Content

Year 12	Year 13
Module 1 – Development of practical skills	Module 1 – Development of practical skills
Module 2 – Foundations in Biology.	Module 5 – Communication, homeostasis, and energy
Module 3 – Exchange and transport.	Module 6 – Genetics, evolution, and ecosystems
Module 4 – Biodiversity, evolution, and disease	

A-Level Biology builds on and develops key skills needed for success in science. These include:

- Numeracy skills – for data handling, calculations, and statistical analysis.
- Chemical understanding – to support the biochemistry aspects of the course.
- Analytical thinking – to interpret data and apply biological ideas to new situations

## Exam Assessment

Component 1: Biological Processes – 37% (100 marks, 2 hour 15 minutes written paper).  
Assesses content from modules 1, 2, 3 and 5.

Component 2: Biological Diversity – 37% (100 marks, 2 hour 15 minutes written paper).  
Assesses content from modules 1, 2, 4 and 6.

Component 3: Unified Biology – 26% (70 marks, 1 hour 30 minutes written paper).  
Assesses content from all modules.

Component 4: Practical Endorsement in Biology (Non exam assessment).  
The Practical Endorsement in Biology is graded Pass or Fail. Students complete and keep record of assessed practical tasks they do in lessons throughout the two years.

### Enrichment:

To help you explore Biology beyond the classroom, a wide range of enrichment resources are available, including a curated reading list, recommended podcasts, and suggested YouTube channels. Throughout Years 12 and 13, you can also take part in exciting Biology outreach programmes run by Cambridge University, as well as a variety of competitions. These experiences provide excellent opportunities to challenge yourself, demonstrate your academic curiosity, and enhance your future university or apprenticeship applications.

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