BIOLOGY

EXAM BOARD: AQA

Exams x 3 Papers 100%

Why study Biology?

Biology A-Level will give you the skills to make connections and associations with all living things around you. Biology literally means the study of life and if that's not important, what is?

At Stratford Upon Avon School, A-Level Biology is taught by a very experienced and passionate team with a wide range of biology backgrounds from Ecology to Molecular Biology which allows us to use our expertise to inspire our students.

Biology, like all sciences, is a practical subject. Throughout the course you will carry out investigative activities including:

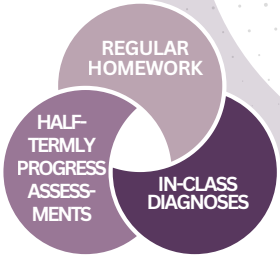
- using microscopes to see cell division
- dissection of animal and plant systems
- aseptic technique to study microbial growth
- investigating activity within cells
- investigating animal behaviours and investigating distributions of species in the environment

These practicals will give you the skills and confidence needed to investigate the way living things behave and work. It will also ensure that if you choose to study a Biology based subject at university, you'll have the practical skills needed to carry out successful experiments in your degree.

Subject Specification Outline:

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Progress Assessment:



Final Exam Format:



Self Study Requirements:

An hour of self study for every hour of taught lesson.

Progression Pathways:

According to bestcourse4me.com, the top eight degree courses taken by students who have A-Level Biology are:

1. Biology
2. Psychology
3. Sport & Exercise Science
4. Medicine
5. Anatomy
6. Physiology & Pathology
7. Pharmacology
8. Toxicology & Pharmacy

Studying Biology at university gives you all sorts of exciting career options, including: doctor, clinical molecular geneticist, nature conservation officer, pharmacologist, research scientist, vet, secondary school teacher, marine biologist, dentist.

Our students, beyond Stratford: From our 2026 leavers, our Biologists have gone onto study Chemistry, Biological and Medicinal Chemistry, Biomedical Sciences, Pharmacy, Psychology, Marine Biology and Zoology at York, Liverpool, Bath, Southampton, Leeds, Exeter and Reading, amongst others.

