

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

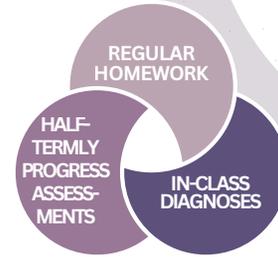
Energy transfers in and between organisms

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:

Hattie (2025 Biology)

Biology, University of Southampton

Tom (2025 Biology)

Mechatronic and Robotic Engineering, The University of Sheffield

Alice (2025 Biology)

Degree Apprenticeship, JLR, Procurement & Supply Chain

