



Abbey Gate College
Sixth Form



Biology

Why study Biology at A Level?

*Biology is one of the most popular subjects.
It is a rewarding and challenging course
which will enable you to:*

Develop essential knowledge and understanding of different areas of the subject and how they relate to each other.

Understand how society makes decisions about scientific issues and how they sciences contribute to the success of the economy and society.



Course Content



Lower Sixth:

- Biological molecules
- Cells
- Organisms exchange substances with the environment
- Genetic information variation and relationships between organisms

Assessment

Assessment is two exam papers 1 hour 30 minutes which cover content from any of the above topics and relevant practical skills.

Upper Sixth:

- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetic Populations, evolution and eco-systems
- Control of gene expression

Assessment

Assessment is three exam papers of 2 hours, which cover content from both Upper and Lower Sixth.



SKILLS
obtained by
studying
Biology:

- Problem solving skills
- Manipulation of practical equipment
- Analysis of biological data, including statistical analysis
- Teamwork
- Presentations/Presentational skills

Our students have gone on to pursue a number of related university courses including Veterinary Science, Medicine and Dentistry.