

# Biology



## About the Subject

Biology is the study of living things; how they work, how they interact and how they affect the world around us.

You will be taught by highly qualified and experienced teachers who have a passion for Biology. Your teachers will make sure the course is interesting and fun, but they will also challenge you to make sure that you gain the highest possible grade at the end of the course. You will have the chance to enter for local and national Biology competitions and St Wilfrid's have had great success in these competitions in recent years.

A large proportion of our students enjoy Biology so much that they go on to study Biology-based degrees at university, a true measure of our success.

## Course Content

In AS and in the first year of A-level, you will study:

- Biological molecules
- Cells
- How organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms

In the second year of A-level, you will study:

- Energy transfers in and between organisms
- How organisms respond to changes
- Genetics, populations, evolution and ecosystems
- The control of gene expression

## Entry Requirements

To begin the course we expect you to have at least a B in GCSE Biology (Separate Science) or a B in Additional Science at the Higher Tier. You must also have an average of a B grade in your best 8 subjects, including GCSE English and Maths.

## Career Paths

Biology A-level is vital if you want to go on to study subjects like medicine, dentistry or veterinary medicine, but it can also be used for entry to a vast range of other university courses, not just those which are directly related to science. It is relevant to everyone throughout their life and will train you to think scientifically, a skill which is useful in all careers.

There's no such thing as a typical biologist. Entering a career in biology could take you in almost any direction you can think of, and also to anywhere in the world.

**Watch our Video**

At [vimeo.com/110882732](https://vimeo.com/110882732) or scan this QR code:

