

# A Level Biology

## Why study Biology?

You wish to form in-depth understanding of the intermolecular mechanisms within cells and understand the similarities and differences between living things. Striving to understand the enormity of the interrelationships within entire ecosystems and how a small seemingly insignificant change in one area can impact upon others. Biology offers an insight into these areas and many more to do with the understanding of life. The course provides the opportunity to explore our living world, lay the foundations for further study and careers within the biological sciences such as medicine or Biochemistry and potentially for you to solve many problems facing our biosphere and humanity

## What is the course structure?

A-Level Biology – Exam Board AQA

### Topics

A total of 4 topics will be covered in year one.

- 1 Biological molecules.
- 2 Cells
- 3 Organisms exchange substances with their environment
- 4 Genetic information, variation and relationships between organisms

In year two the following topics will be covered.

- 5 Energy transfers in and between organisms
- 6 Organisms respond to changes in their internal and external environment

during your Biology studies. These required practicals are part of the CPAC (Common Practical Assessment Criteria) which results at the end of year 13 as either a Pass or Unclassified grade in addition to the A\*-E grades awarded at A level.

The model for assessment in A-level is as follows;



Gain a taste of learning at A-level in Biology by taking a full and active part in the induction lessons on offer during our sixth form induction week. Completing the tasks set over the summer that you are given so that you are competent and confident in the variety of skills required of you at A - level. This will put you in a very favourable position for maximising your progress