

# Biology

**Exam board:** AQA

## **Entry requirements:**

GCSE Grade 6 or above in Biology or GCSE Combined Science Grade 6 or above. If you are taking GCSE Combined Science, you must have scored a grade 6 in the Biology units. However, a Grade 7 or 8 is strongly recommended.

Grade 6 or above in Mathematics is strongly recommended.

## **Course content:**

A-Level Biology gives you the opportunity to study many of the same topics as at GCSE, but in much greater depth, as well as focusing on applications of Biology in the real world. Topics at AS include biological molecules, organism exchange of substances with their environment and genetics. Topics in the full A-Level also include energy transfers in and between organisms, organism response to internal and external environments, genetics, populations evolution and ecosystems and the control of gene expression.

## **Assessment:**

Paper 1: Any content from AS Topics listed above

Paper 2: Any content from A-Level Topics listed above

Paper 3: Any content from AS and A-Level Topics listed above

You will also undertake a number of Core Practicals throughout the year to gain a separate 'Practical Endorsement'.



**Why choose Biology:** *An A level biology student at FSG is enthusiastic, passionate and resilient.*

The biology team at FSG have been recognised by AQA as a supportive and encouraging department that provides excellent provision for its students. Practicals are at the heart of the subject and we pride ourselves on delivering experiments that go beyond the specification in order to foster the next generation of biologists.

Last year we had students who successfully attained places at medical and veterinary schools, with almost a quarter achieving an A/A\*.

If you love biology and have a genuine interest in the subject we look forward to seeing you next year!

## **Skills and progression:**

An A level in biology leads to a myriad of career pathways ranging from an athletic trainer to a biostatistician, to a molecular biologist to an ecologist.

An A level in biology broadens your horizons and provides numerous opportunities to have a fulfilling and rewarding future.

A biology student at FSG will gain skills in both verbal and written communications, data analysis and evaluation. Critical thinking will become an enhanced skill which is transferable across a range of disciplines.