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| Head of Department : | Mrs. H. Cunningham | Exam Board : | OCR | Level: | A |
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The study of Biology at A Level is a desirable and often necessary requirement for studying a very large range of higher education courses. Biology is a natural science concerned with the study of life and living organisms, including their structure, function, growth, evolution, distribution and taxonomy.

All students enrolling on the A level course will follow a linear 2 year path.

Year 12

Students will study four modules during the first year which will include topics such as cell structure, biological molecules, exchange and transport as well as biodiversity and evolution. Practical skills will be developed throughout the year.

Students will be expected to attend a field course trip to Epping Forest which will complement the biodiversity topic.

Year 13

Examination: 100% and a practical endorsement.

There are three examined components that cover all elements of the 2 year A-level course.

In addition to those covered in Year 12, topics in the second year of the course include communication and homeostasis, excretion, neuronal and hormonal communication, photosynthesis, respiration, inheritance, ecosystems and cellular control.

The practical endorsement consists of a series of experimental activities designed to help students develop all aspects of their practical skills, data analysis, investigative planning and conclusion/evaluation of the entire experimental process. This is reported separately to the subject grade and is either a pass or fail.