



Subject Title:	BIOLOGY
Type of Qualification:	GCE A Level
Examination Board:	CCEA
Location:	Glastry College
Subject Leader:	Mr K Debbadi

Entry Requirements

- Study CCEA Double Award Science or equivalent and achieve a grade CC
OR
- Study CCEA Single Award Science or equivalent and achieve a grade B

Students should also have achieved a grade C in both English and Maths

What will I learn?

The course is broken into 6 modules across the two years of study.

Year 13

Molecules and Cells- This unit provides the opportunity to study about enzymes, viruses, cells and how organisms work.

Organisms and Biodiversity- In this unit students will learn about biological transport systems in plants and animals, how organisms adapt and about biodiversity.

Practical Skills Assessment- Students will complete a series of Practical Tasks and an assessment based on practical skills developed.

Year 14

Physiology, Co-ordination and Control and Ecosystems- Students will learn about how organs such as the kidney functions as well as how the immune system tackles infection. During this module we will also examine the co-ordination and control systems in plants and animals and how ecosystems are affected by the organisms that occupy them.

Biochemistry, Genetics and Evolutionary Trends- This unit examines genetics, DNA and genetic technology and the patterns of inheritance in populations.

What skills will I develop?

The course is designed to develop a wide range of skills which are essential for both Further and Higher Education or for Employment.

Throughout the course, you will develop Problem Solving Skills, Analytical Skills, Evaluation Skills and Research Skills. You will also further develop your knowledge of Biological systems and how interconnected living organisms are. GCE (A' Level) Biology provides students with a pathway not only in further study in Biological related courses but also can be combined with other subjects for entry to a range of Science related courses.

Assessment

Year 13

Molecules and Cells- External Examination

Organisms and Biodiversity- External Examination

Practical Skills Assessment- External Examination and Internal Practical Assessments.

Year 14

Physiology, Co-ordination and Control and Ecosystems- External Examination

Biochemistry, Genetics and Evolutionary Trends- External Examination

Practical Skills Assessment- External Examination and Internal Practical Assessments.

Career Progression

The course provides the technical knowledge, skills and understanding associated with Science. Students who study this course will be prepared for further study in Biology or other Science related areas or entry in a range of Science Careers