

Biology

Level 3: AS / A2

AQA

INTRODUCTION:

Biology is supremely relevant to everybody, and it is of vital importance in any understanding of the world around us. We may even depend on a knowledge of Biology for our very survival. Add to this its intrinsic fascination, and it is hard not to become hooked.

Studying at Biology at Holy Trinity Academy will give you the opportunity to ask any questions freely in a friendly setting. You will be known personally by your tutors, and always encouraged to reach your full potential.

ENTRY REQUIREMENTS / SUITABILITY:

5 GCSEs at Grades A* - C or 5 - 8. GCSE Biology grade 6 or Combined Science grade 6/6 or above. Grade 6 or above in Mathematics is also essential.

Students need excellent communication skills both verbally and written, an inquisitive mind and good mathematical skills. The course suits those with a passion for investigation, learning and exploring different phenomena in the fields of Biology.

CONTENT:

There are three components to the 'A' Level:

Year 12 **Component 1:**
Basic Biochemistry and Cell organisation.

Component 2:
Biodiversity & Physiology of Body Systems.

Year 13 **Component 1:**
Energy for Life

Component 2:
Continuity of Life.

Component 3:
Requirements for Life

LEADS TO:

An A level in Biology can open many doors. The analytical skills you will develop may help towards securing employment in many sectors or further study at university, such as:

Zoologist
Accounting
Biotechnologist
Vet
Pharmacist
Scenes of Crime officer
Nurse
Paramedic
Biomedical Scientist
Medicine / Dentistry

ASSESSMENT:

Summer of Year 13. Written examination for each component: 2 hours. Each Year 13 component worth 33^{1/3} % of qualification and is worth 100 marks.

Components 1 and 2: A range of short and longer structured compulsory questions with a choice of one from two essays. Assessment of core concepts will also be included.

Component 3: Section A: 80 marks - a range of short and longer structured compulsory questions based on the compulsory content with a choice of one from 2 essays. Assessment of core Concepts will also be included.
Section B: 20 marks - short and longer structured questions from a choice of 1 out of 4 options.

Practical Endorsement—non exam. Assessment of practical competency.