

A LEVEL BIOLOGY

Areas of Study...

YEAR ONE

Topic 1: Biological Molecules

Topic 2: Cells

Topic 3: Organisms Exchange Substances with their Environment

Topic 4: Genetic information; variation & relationships between organisms

Year Two

Topic 5: Energy Transfers In & Between Organisms

Topic 6: Organisms Respond to Changes to their internal & external environments

Topic 7: Genetics, Populations & Evolution

Topic 8: The Control of Gene Expression



Practical Work... Assessed throughout the year against specifically designed practical's to support understanding of Biological techniques. Use of apparatus; use of appropriate instruments; use laboratory glassware; subject specific equipment including microscopes, potometers; scientific drawing; aseptic technique.



Future Careers... Biology allows you access to a wide range of science and sport based courses at university as well as veterinary science and medicine but also health, environment, sport, teaching, veterinary science, animal health, biomedical science, pharmacology, zoology, genetics, microbiology, food science, marine Biology.

Assessment

Paper 1: Topics 1-4 & Relevant Practical Skills

2 hours - 35% 91 marks

Paper 2: Any content from Topics 5-8

2 hours - 35% 91 marks

Paper 3: Any content from Topics 1-8

2 hours - 30% 78 marks

Exam questions range from short answer, comprehension and essay questions

EXAM BOARD: AQA



**HOLYROOD
SIXTH FORM**