

BTEC APPLIED SCIENCE

Areas of Study...

THREE Mandatory Units:

- i: Principles and Applications of Science
- ii: Practical Scientific Procedures & Techniques
- iii: Science Investigation Skills

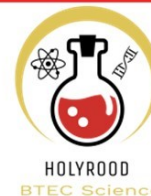
ONE Optional Unit

Assignment Work

Assessed throughout each year against specifically designed practicals & assignments to support understanding of Applied Science. Use of apparatus; use of appropriate instruments; use of laboratory glassware; subject specific equipment. Use of research & literacy skills to write up, analyse & evaluate information, ideas and opinions about scientific methods, discoveries, laws and future projects.

Practical Work... BTEC Science is a practical based subject, and includes frequent practical work including: analysing unknown compounds, chromatography in forensics, electrical circuits, ecology, oscilloscopes, calculating energy content of fuels, microscopy, enzyme digestion, and many more.

Future Careers... All careers that are associated with: agriculture, paramedics, health, environment, sport, teaching, animal health, biomedical science, pharmacology, forensics, zoology, botany, biotechnology, genetics, microbiology, food science, horticulture, forestry, fish-farming, nature conservation, the water industry, research technicians. Entry to higher education. Complements most other A Levels.



Assessment

Unit 1 3 x 40 minute exams; 90 marks
(30 marks for each science)

Unit 3 Pearson set task Practical investigation and write-up 4.5 hours; 60 marks

Units 2 & 4 (options unit) internally assessed

EXAM BOARD: PEARSON



HOLYROOD
SIXTH FORM