

## BTEC Applied Science

BTEC qualifications are suitable for a wide range of learners. They offer an alternative to more traditional qualifications, combining the best mix of academic and vocational methods of learning. BTEC National courses enable you to progress to university and other Higher Education Institutions.

Our main aim is to make the course student centred, in general you will be learning through investigation and active involvement. You will have a great deal of responsibility for your own learning.

You will develop and enhance the skills that you already have as well as relating your learning to real-life situations. The qualifications have been developed to provide specialist work-related qualifications in a range of areas. The courses offered are practical and will give you the opportunity to complete assignments and activities based on realistic situations linked to working environments. Your knowledge and understanding will also be tested in externally assessed examinations.

BTEC Level 3 National Extended Certificate Applied Science (360 GLH) is equivalent to one A Level. Year 12 covers Biology, Chemistry and Physics topics. Year 13 tests knowledge of Science Investigation Skills, and a Human Physiology unit.

### ASSESSMENT and CONTENT

The course is structured into 2 years

Unit	Unit Name	Unit Size (GLH)	Assessment
1 (Yr 12)	Principles and Applications of Science 1	90	External (Exam)
2 (Yr 12)	Practical Scientific Procedures and Techniques	90	Internal (Coursework)
3 (Yr 13)	Science Investigation Skills	120	External (Exam)
8 (Yr 13)	Physiology of Human Body Systems	60	Internal (Coursework)

### *The course requirements...*

*A Merit in BTEC First Extended Certificate/Diploma Applied Science or Grade C in GCSE Core and Additional Science and Grade C/5 in English and Mathematics*