

Guilsborough Academy Sixth Form

KS5 CURRICULUM

Course Title: BTEC Level 3 National Extended Certificate in Applied Science

Examination Board: EDEXCEL



Entry Requirements: 5 A*-C grades with a pass in Level 2 BTEC Science or grade C at GCSE Science if studied.

Assessment: Equivalent in size to one A Level.
4 units of which 3 are mandatory and 2 are external.
Mandatory content (83%). External assessment (58%)

Is This Course Right For Me?

The BTEC Extended Certificate in Applied Science is a practical, work related course, for those who enjoy Science, and have a broad interest in the Science of the world, in which we live. Learning methods include completing assignments, case studies and projects which are based on realistic workplace situations. You will develop a wide range of skills in the biological, chemical and physical science applications as well as learning about the legislation that relates to the Science Industry. The BTEC course also includes a full range of essential skills elements in Science, Maths and English.

This course is an excellent opportunity for students that excel at independent study. It is aimed at those students that are unsure as to which Science subjects they should choose to study in Sixth form, providing access to them all. It could be studied alongside Science A-levels or alongside a suite of non-Science A-Levels providing a broad, balanced and interesting curriculum for Sixth Form study. The work covered is equivalent to 1 A level and provides a direct route into a career or Higher Education.

Unit Contents:

Mandatory Units:

Principles and Applications of Science
Practical Scientific Procedures and Techniques
Science Investigation Skills

Optional Units

Physiology of Human Body Systems

Progression:

The qualification can be taken as part of a diverse programme, leaving progression options fully open. It can also give context to subjects that would benefit from some scientific background. This will depend on the combination of qualifications chosen. For example, when taken alongside:

- A level Psychology & BTEC Extended Certificate in Sport, to progress into sport psychology courses
- BTEC Diploma in Health and Social Care, to progress to nursing courses
- BTEC National Diploma in Sport and Exercise Science, to progress to sport and exercise science courses.
- A levels in Geography and Computing, to progress to geography or environmental science courses.

Students should always check the entry requirements for degree programmes at specific HE providers.

Example of university courses and grades required

- **University of Aberdeen** – BSc (Hons) Biomedical Sciences (Developmental Biology) - based on the BTEC Extended Certificate combined with Science A-levels.
- **University of Liverpool** - BSc (Hons) Physics - A* in Maths and Physics A Levels, plus Distinction in BTEC Extended Certificate.
- **University of Sussex** - BSc (Hons) Biochemistry - based on the BTEC Extended Certificate combined with Science A-levels.

Further Information Contact:

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