

Applied Science (Principles of)

BTEC

Level 2

EdExcel

Course overview

The Principles of Applied Science Award delivers the Key Stage 4 Programme of Study for science (similar to GCSE Science) by covering the key scientific principles vital for both scientists and citizens of the future. It develops and exemplifies these principles in applied and vocational contexts, leading to an understanding of how the principles are applied in practice.

Entry Requirements

You must have a minimum of 4 GCSEs, 2 at grade 3 and 2 at grade 2 (equivalent to D and E at GCSE) which must include Maths and English at grade 3.

A Pass in a Level 2 BTEC/OCR First Certificate plus 2 Level 3 grades and 1 Level 2 grade or equivalent at GCSE which must include Maths and English at Level 3.

Subject Specific Requirements

A minimum of 3 grade 3 and 1 grade 2 or equivalent at GCSE which must include Maths and English at grade 3.

Grade 3 in Science GCSE or a Pass in a BTEC Level 2 science course.

Popular Subject Combinations

Usually combined with another Level 2 BTEC course and GCSEs in Maths and/or English

Possible Enrichment Opportunities

External speakers and local visits

What will I learn?

You will study units based on "Principles of Science, 'Chemistry and Our Earth,' 'Energy and Our Universe,' and "Biology and Our Environment. This is a combined science course and as such covers aspects of Biology, Chemistry and Physics at the same level as GCSE.

How will I be assessed?

This course is assessed over four units. Three consist of internally assessed coursework, including controlled experiments, and one is a compulsory exam. The grade in the exam is essential to the overall grade of the course and you cannot complete the course at a Level 2 (GCSE Level) unless you achieve a Level 2 grade in the exam.

Where might it lead?

Students achieving a Merit may progress to a Level 3 course, such as L3 BTEC Diploma or Subsidiary Diploma in Applied Science if they are interested in a science based career or use the qualification to further their studies in Health and Social Care. This course is vital for any student requiring a GCSE Science grade C equivalent for their future studies or employment

Victoria Hurst - Frost (ex pupil of Heathside School)

"I enjoy the Applied BTEC Science course because it gives me a great understanding of Science."

If you would like further information about this course please contact the admissions team at