

APPLIED SCIENCE – Key Information

Course Type	BTEC	Full/Part Time		Full	
Subject	Applied Science	Award	Pearsons	Level	3

Course Introduction:

2 Year A-Level Course

BTEC is comparable to 1 Full A-Level

Description:

Grace Academy offers students the opportunity to study the “Pearson’s Btec Applied Science” course. This course will combine the disciplines of Biology, Chemistry and Physics in 4 externally and internally assessed units. Students will sit 3 tests (Biology, Chemistry and Physics) each lasting for 40 minutes which will comprise of 25% of the total grade.

Course Suitable For:

Students who wish to continue to study science to an advanced level, whilst developing laboratory and research skills.

Minimum Entry Requirements – GCSE	Subject Entry Requirements – GCSE
Grade 5 English & Maths plus a further 3 Grade 4’s or above.	2 Grade 5’s in Science

Why Study?

BTEC is a highly desired and respected qualification that develops a candidate’s skill in a variety of areas coveted by employers. As well as broadening their understanding of the world around us, candidates will develop real practical skills which can be applied to a variety of hands on jobs. Studying science at Post 16 allows an opportunity to stretch your learning from GCSE Science, and to develop an array of sought after transferrable skills. These skills can be applied to securing higher education prospects or a variety of hands on vocations.

Progression Opportunities:

BTEC Applied Science is a highly respected academic A-Level alternative that can lead to further study at the best universities in the country. Careers which involve specialised science skills such as; food, science, forensic science, geoscience, life sciences, marine biology and meteorology. Within each of these roles successful candidates can find themselves in academic research, research and development, product and process development, scientific sales and commercial roles.

The BTEC Applied Science course not only teaches students the skills and techniques to perform these roles, but also helps students to develop their curiosity, outside thinking and application of their newly found independence.

Why Grace Academy?

Grace Academy has been delivering BTEC courses for a number of years and have dedicated and experienced specialist teachers for BTEC and Science courses. This specialist knowledge is effectively shared with Post 16 pupils to support their learning and progress, allowing all students to access challenging scientific content.

Modules:

Mandatory Unit:

Module 1 – Principles & Applications of Science 1

Module 2 – Practical Scientific Procedures & Techniques

Module 3 – Science Investigation Skills

In addition to the Mandatory Units, 1 additional module will be selected.

This unit will be based on the group strengths, in order to enable better attainment.

Assessment Methods:

External Assessment	58%	Coursework	42%
Unit 1 - 2 Hour Written Exam, Unit 3 Externally assessed			

Support Provided:

Our Teaching and Learning Strategy is at the core of our approach to our students and their learning. We aim to provide a learning community where students achieve excellence and where achievement is celebrated. We want you to enjoy your time at the academy and to be successful.

You will need to monitor your own progress, we want you to become self-critical and to think about how you can improve.

We will expect you to work hard and productively. Being present in the academy for as long as it is necessary for you to meet your targets and succeed in your learning.

Course Application:

For specific course details please contact Mr Hawes on 0121 329 4600 or email on michaelhawes@graceacademy.org.uk Register your interest in your chosen courses and an application form will be sent out to you. All applicants are interviewed and conditional offers are made subject suitability of course.

Please note all courses on offer are subject to the minimum uptake for viability. Courses and grades will be taken on an individual basis.