

Course title: Pearson BTEC Level 3 National Extended Certificate in Applied Science

Academic year:	2022	
Course Venues:	Stafford Manor High School	
Course Type:	BTEC	
Course Code:	12ASmBA1	Spec code: TTP86 Qualification code: 601/7436/5
Duration:	2 years	

Course Description:

Designed for students who are interested in learning about science alongside other subjects, with a view to progressing to a wide range of higher education courses, not necessarily in applied science. Students will study biology, chemistry and physics theory as well as completing practical tasks in each area. Two of the units are practical based and practical activities are used to support learning within the other units. Students will develop and use mathematical skills as well as making use of ICT facilities.

To be taken as part of a programme of study that includes other appropriate BTEC Nationals or A Levels.

Course Content:

The content of this qualification has been developed in consultation with academics to ensure that it supports progression to higher education. Employers and professional bodies have also been involved and consulted to confirm that the content is appropriate and consistent with current practice for students planning to enter employment directly in the applied science sector.

Learners will study four units:

- Unit 1: Principles and Applications of Science I
- Unit 2: Practical Scientific Procedures and Techniques
- Unit 3: Science Investigation Skills.
- Unit 8: Physiology of Human Body Systems

Entry requirements: To study the Technical and Applied General Programme, you should have achieved a 9-4 in at least five different subjects with a grade 4 or above in English and mathematics and a 5 in the subject to be studied/related subject to be studied.

Assessment:

58 % through external assessments (exams)

42% internally assed (coursework portfolio)

Financial Information: N/A

Future opportunities:

The requirements of the qualification will mean that students develop the transferable and higher order skills which are valued by higher education providers and employers. For example, when studying *Unit 3: Science Investigation Skills*, learners will develop skills including how to plan investigations, collecting, analysing, and presenting data and communicating results which support



some of the skills learners need to progress to higher education, employment, self-employment or training.

The qualification carries UCAS points and is recognised by higher education providers as contributing to meeting admission requirements for many courses if taken alongside other qualifications as part of a two-year programme of learning.

Further information:

Applied Science is a course for students who have enjoyed the practical nature of science through GCSE Science or BTEC Level 2 Applied Science. There will be opportunities to take part in an extensive range of practical work in Biology, Chemistry and Physics related to practices in the real world of operating in specialist laboratories. This practical work together with studies from biology, chemistry and physics will equip students with skills and knowledge that are highly valuable in future employment or further education.

