Subject: Applied Science

Level: AAQ BTEC National Exam Board: Pearson

Course Outline

The Pearson Level 3 Alternative Academic Qualification BTEC National in Applied Science is designed for post -16 students with an interest in science and aiming to progress to higher level education as a route to graduate employment or access degree level apprenticeships.

It is equivalent to one A level in size and is suitable for students looking to develop their applied knowledge and skills.

Applied Science is often taken in combination with other vocational courses such as **IT, sport, business, health & social care. Students have combined Applied Science with A level courses such as Sociology, Business or Psychology**

What will I learn on this course?

This course will enable you to explore:

- the core principles and application of biology, chemistry and physics
- to set Science in a variety of contexts, illustrating connections with everyday life, people, places and cultures;
- make use of essential practical skills in all 3 sciences

Who would be a successful student of Applied Science

This course will appeal to students who:

- Are curious about science and enjoy asking questions about how and why things happen the way they do;
- Enjoy practical science
- Enjoy practical investigation of a question or are interested in current issues in science

Career Opportunities

- Applied Science courses carry UCAS points and are well respected by universities and can lead to a wide variety of exciting careers. The course will prepare students to progress into further education or apply for Apprenticeships with local firms such as GSK. Nobel students have progressed to:
- Train as Science technicians
- Science organisations or organisations that use science.
- Working in the chemical industry or a scientific laboratory
- Midwifery and nursing courses
- Radiography courses

Course Structure

- Unit 1 Principles and Applications of Biology
- Unit 2 Principles and Applications of Chemistry
- Unit 3 Principles and Applications of Physics
- Unit 4 Practical Scientific Procedures and Techniques
- Unit 5 Science Investigation Skills
- Unit 6 Contemporary Issues in Science

Units 1, 2, 3 and 4 are mandatory units

Units 1, 2 and 3 are examined

Unit 4 is internally assessed

Units 5 and 6 are optional and we will choose one

Entry Criteria- minimum GCSEs

English 4
Mathematics 4
Combined Science 4-4

For further information about this course, please see Miss Mordaunt or Miss Pearson