

APPLIED SCIENCE

Course

Applied Science BTEC National Extended Certificate.

Exam Board

Pearson (Edexcel)

Entry requirements

GCSE Science at Grade 5 or
BTEC Level 2 Applied Science Merit
GCSE English at Grade 4
GCSE Maths at Grade 4

Why study Applied Science?

Applied Science offers students the chance to concentrate on some of the vocational aspects of science. It is ideal for students seeking a broad background in science, and provides the following benefits:

- Understanding of the science that affects nearly every aspect of our lives.
- The ability to plan, work and think independently through portfolio work.
- Improves written communication skills.
- The ability to apply knowledge and skills in appropriate vocational contexts.
- Develop practical skills, including the ability to plan, carry out and evaluate investigative work.
- Receive credit for what you can do as well as what you know and understand, by submitting portfolios of work.
- It is a great base on which to build future lifelong scientific learning.

Course content and assessment

Unit 1: Principles and Applications of Science

Assessment:

- Written exam.
- Externally set and marked by Pearson.

Unit 2: Practical Scientific Procedures and Techniques

Assessment:

- A set of four written assignments
- Internally set and marked by Teacher.



Unit 3: Science Investigation Skills

Assessment:

- Investigative task and examination.
- Externally set and marked by Pearson.

Unit 9: Human Regulation and Reproduction

Assessment:

- Assignment.
- Internally set and marked by Teacher.

Progression after Sixth Form

BTEC offers natural progression along a vocational path, from and to academic qualifications and university. They can lead to a Foundation Degree in Science, a HND in Science and Apprenticeships. You will develop essential skills that are highly desirable to employers.

Career opportunities

There are a range of careers students could enter after completing on Applied Science qualification. Examples of these are:

Analytical chemist
Biomedical scientist
Detective
Forensic scientist
Scientific laboratory technician
Teaching laboratory technician
Toxicologist

For more information contact Head of Department:

J. Shephard - jshephard@stpetersacademy.org.uk