Integrity
Curiosity
Respect



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BTEC

Applied Science

WHAT IS APPLIED SCIENCE?

Applied Science covers a broad spectrum of Biology, Chemistry and Physics. Students will study topics relating to all three sciences and gain a well-respected qualification that is equivalent to an A level.

Beyond the subject knowledge, the Applied Science course allows students to develop greater practical, investigative and independent research skills than in a traditional A level.

Throughout the course, links will be made to industry and applications of the subject into the real-world to give the student a greater understanding of how science can be applied to contemporary issues. A wide range of transferable skills will be developed that will help students at university and beyond.

WHY STUDENTS CHOOSE THIS COURSE?

Applied Science suits students with an interest in a wide range of Biology, Chemistry and Physics.

It also benefits students with a preference towards practical work, and applications to industry.

With less emphasis on exams, this course allows students to develop independence, investigative and research skills. It can be taken in combination with a wide range of subjects, complimenting Psychology, Sport, Health and Social Care and Sociology well.



What the course covers

The BTEC National Applied Science AAQ qualification covers the principles and applications of Biology, Chemistry, and Physics, along with essential laboratory techniques and scientific investigation skills.

It emphasizes the practical application of science to real-world scenarios and prepares students for careers or further study by developing transferable skills, critical thinking, and sustainability awareness. The course includes mandatory units like Principles and Applications of Science, Practical Scientific Procedures and Techniques, and Scientific Investigation Skills

The units covered are listed below:

YR1

Unit 1: Principles and Applications of Biology
Unit 2: Principles and Applications of Chemistry
Unit 3: Principles and Applications of Physics

YR2

Unit 4: Practical Scientific Procedures and Techniques
Unit 5: Science Investigation Skills

FURTHER INFORMATION

The complete specification can be viewed on the Pearsons website: https://qualifications.pearson.com