



## Applied Science

**Qualification type:** BTEC

**Exam Board:** Pearsons

### What will I learn?

In BTEC Applied Science, you'll study key areas of biology, chemistry, and physics, covering topics such as cell biology, genetics, chemical reactions, and mechanics. The course focuses heavily on developing practical skills, including laboratory techniques, scientific research, and analytical thinking. You'll conduct experiments, solve scientific problems, and apply your knowledge to real-world contexts. Assessment is a combination of coursework, with practical assignments and projects in addition to examined content. This qualification prepares you for further study or careers in fields like healthcare, engineering, environmental science, and forensic science, while also building valuable skills such as teamwork and communication.

### How is my work assessed?

**Unit 1: Principles and Applications of Science I** • Written examination • 2 hours • 90 marks

**Unit 2: Practical Scientific Procedures and Techniques I** • Coursework

**Unit 3: Science Investigation Skills I** • Practical Examination • Assessment is 2 supervised sessions, 3 hours for the practical part A and 1.5 hours for Part B which is a written paper. • 60 marks

**Unit 9: Human Regulation and Reproduction** – 3 coursework assignments

The external assessments typically account for around **58%** of the total grade, with coursework making up the remaining **42%**.

### What should I consider before starting this subject?

BTEC Applied Science offers a practical, vocational approach to studying biology, chemistry, and physics, with a focus on coursework and real-world applications. It's ideal for students who enjoy hands-on learning and continuous assessment rather than traditional exams. Before starting, consider how it aligns with your career goals, as some universities may prefer A-levels for science degrees. The course involves consistent effort and good time management due to the workload, so make sure you're prepared for the balance between theory and practical assignments.

### Why is this course useful and what might it lead to?

Designed for learners who are interested in learning about the sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in applied science

### Entry requirements

To be successful in Applied Science you will need a grade of 5-5 as a minimum. There may be flexibility depending on individual cases.

### Where can I find out more information?

Speak to Miss Delf-Smith or visit <https://qualifications.pearson.com/en/qualifications/btec-nationals/applied-science-2016.html>