



Pearson Level 3 Alternative Academic Qualification BTEC National in Applied Science (Extended Certificate)

Course Requirements
GCSE Science Grade 55

Syllabus Pearson

Overview

The Level 3 BTEC National AAQ (Alternative Academic Qualification) in Applied Science is a vocational qualification, equivalent to one A Level, that provides a broad, practical foundation in biology, chemistry, and physics for 16-19 year-olds, preparing them for higher education or careers in applied science fields. The course emphasizes practical laboratory skills, scientific investigation, and data analysis through both internal (coursework) and external (examination) assessments, leading to pathways in nursing, health sciences, forensics, and more.

What Will I Study?

- Biology, Chemistry, and Physics:
You'll explore core concepts and principles from each scientific discipline.
- Practical Techniques:
The course emphasizes hands-on experience with laboratory equipment and procedures used in real scientific settings.
- Data Analysis:
You'll learn to analyse scientific data and interpret experimental results.
- Scientific Investigations:
You'll gain experience in planning and conducting scientific experiments.

How Will I Be Assessed?

Assessment is through a combination of both externally assessed exams (50%) and internally assessed work (50%).

Students must study these 4 mandatory units:

1. Principles and Applications of Biology
2. Principles and Applications of Chemistry
3. Principles and Applications of Physics
4. Practical Scientific Procedures and Techniques

One of the following optional units:

5. Science Investigation Skills
6. Contemporary Issues in Science