Science

Level 3 Applied Science AAQ (Extended Certificate)

Subject Applied Science AAQ

Exam Board Cambridge OCR

Specification Numbers 610/3948/2

Teachers Responsible Mrs Riddell/Mr Squires/Mr Johnson

Introduction Do you have a scientific mind? A love of finding out why things work the way they do? Then this could be the course for you. Applied Science is the more vocational course the Science department runs at Level 3 and is the equivalent of 1 A-Level. It is a mixture of coursework (NEA) and examined content. Students will learn about the fundamentals of science, whilst planning and executing laboratory investigations, giving students hands-on experience and learning how to analyse scientific data. This course mixes traditional science with real world implications!

Aims of the Course The aim of the course is to develop the skills, knowledge and techniques that will allow students to move on to a career in the sciences if they so wish. It will also develop the students' organisational and communication skills with a mixture of externally assessed and internally verified tasks. They will cover the following topics:

Core Units:
- Fundamentals of science (Exam)
- Science in society (Exam)
- Investigating science (NEA)

Two Specialist Units which may include:
- Forensic biology
- Analytical chemistry
- Environmental studies
- Medical physics

How You Are Assessed The course is assessed using both exams (40%) and coursework (60%)
- Fundamentals of science (Exam) - externally assessed
- Science in society (Exam) - externally assessed
- Investigating science (NEA) - internally assessed
- Forensic biology (NEA) - internally assessed
- Analytical chemistry (NEA)- internally assessed
- Environmental studies (NEA)- internally assessed
- Medical physics (NEA) - internally assessed

Links to Future Careers The course is designed for learners who are interested in Forensics, Biomedical studies, Nursing and life sciences. It is equivalent to one A-Level and works well taken in combination with other A-Levels or AAQ courses.

Entry Requirement
Grades 4-4 in GCSE Combined Science, Grade 4 in Maths, Grade 4 in English