

Why study L3 AAC Applied Science?

This is a rich, hands-on science course that doesn't just teach theory — it *applies* it. You'll dive into Biology, Chemistry and Physics through experiments, analysis, research and real-world investigation. With **40% exams and 60% coursework**, you'll be assessed through a mix of written tests and sustained practical work. It's ideal for students who enjoy doing science as well as learning about it.

What will I study?

Across Years 12 and 13, you will cover **five units** blending theory and investigation:

- **F180 Science Fundamentals (Exam)**: core principles in chemistry, biology & physics
- **F181 Science in Society (Exam)**: how science shapes society, ethics, communication
- **F182 Investigating Science (Coursework)**: design, conduct and analyse your own experiments
- **F183 Analytical Chemistry (Coursework)**: practical techniques in chemical analysis
- **F184 Environmental Science (Coursework)**: ecosystems, sustainability, human impacts — including a **residential field trip** to collect real data

Further Education and Career Pathways

This qualification keeps your science options wide open. You'll be well equipped to move into degrees and careers such as:

- Biomedical Science, Life Sciences, Environmental Science
- Nursing, Health Science, Food Science, Forensics
- Science education or technical apprenticeships
- Research, laboratory roles or innovation in science sectors

Student Perspective

We chose applied science for its practical skill development; you get to do all 3 sciences and you can apply them into 1 course without the exam weighting and we love our teachers!

Class of 2027

Subject entry requirements

- 4-4 in combined science,
- 2x 4s in separate science, **plus** a 4 in maths.

Study trips, visits and events

A residential field trip in Year 12 to support Environmental Science.

Assessment

40% Exams

- Yr 12- F181 Science in Society – sat in June
- Yr 13 - F180 Science Fundamentals – sat in May

60% Coursework

- Yr 12 - F184 Environmental Science – completed with an April field trip and write-up
- Yr 12 & 13 - F182 Investigating Science – starts in summer, completed the following autumn
- Yr 13 -F183 Analytical Chemistry – completed by March

Did you know?

Applied Science offers a *unique bridge* between lab science and real-world application. It's perfect if you want to go beyond textbooks — whether you're dreaming of working in a hospital, a research lab, environmental protection, forensics or teaching. This qualification gives you **the skills, confidence and experience** to excel.

