

ACADEMIC  
& APPLIED

# Environmental science

Level 3  
A Level

Course Leader: Miss M Jefferies

## Entry requirements

- Grade 6 or above in GCSE Science (A high 5 will be considered on an individual basis.)
- Grade 5 or above in GCSE English and Maths.
- Ability to work neatly, safely and systematically
- Intrinsic motivation and desire to achieve

## Why choose this course?

The A Level Environmental Science suits those who enjoy a multi-disciplinary approach to learning and have a keen interest in the sustainability of our planet will find this course engaging and thought provoking.

We will explore key topics such as: the bio-physical environment, energy resources, pollution, circular economy and sustainability. With opportunities to include real life case studies, this contemporary qualification has never been more relevant. The course is full of highly challenging opportunities with practical work embedded.

There has never been a more urgent need to study environmental science. The degrees and careers in environmental science are everchanging as the environment becomes a pressing focus locally and globally.

## Web Links

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-7447-SP-2017.PDF>

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**What does the course involve?****Units include:**

- The physical environment
- Energy resources
- Pollution
- Research methods
- The living environment
- Biological resources
- Sustainability

**Practical Endorsement**

Students will be awarded a separate endorsement of practical skills, which will be assessed by teachers and moderated externally. This will not be graded. If students pass, it will be reported on their certificates.

In order to develop the necessary skills, knowledge and understanding, students have to have carried out a minimum of 12 assessed practical activities, which will contribute towards the Practical Endorsement. The skills, knowledge and understanding of this practical work will also be assessed in written examinations.

**Possible career pathway**

A Level Environmental Science can lead to a wide range of career opportunities. These will make you an asset not only to employers in industry, but also in professions such as law and accountancy. Careers in environmental science include but are not limited to: horticulturist, environmental consultant, environmental education officer, environmental engineer, environmental manager, minerals surveyor, nature conservation officer, recycling officer, sustainability consultant, waste management officer, water quality scientist.