

Environmental Science A Level

Exam Board: AQA

Subject Specific Criteria:

- **Grade 5 in English Language**
- **Grade 5 or above in a Science subject**
- **GCSE Geography is preferable but not necessary**

Assessment:

Paper 1 - The physical environment

- Energy resources
- Pollution
- Research Methods
- 50% written paper (120 marks) 3 hours

Paper 2 - The living environment

- Biological resources
- Sustainability
- Research methods
- 50% written paper (120 marks) 3 hours

Skills Required:

Environmental Science offers students the opportunity to explore their own interests and enthusiasm in the subject areas, studying contemporary issues related to the environment and the effective planning of conservation and sustainability. It allows students the opportunity to improve their skill set so that they become analytical, organised and rounded individuals. There is an emphasis on scientific understanding to deal with problems related to the environment, allowing students to apply prior knowledge of science and geography rather than repetition of knowledge.

Subject Enrichment:

- Fieldwork

Course Information:

The Environmental Science course covers areas across all disciplines of Science and Geography.

Units include: The physical environment, the living environment, energy resources, pollution, biological resources, sustainability and research methods.

Future Opportunities:

The course is designed to engage students in this subject and provide effective assessments across the ability range. Environmental Science offers to teach skills such as analysis, planning, and data collection which are useful for the following university courses and careers; Oceanography, Marine Biology, Wildlife Conservation, Agriculture, Pollution and Water control amongst others.

Environmental Science compliments other 'A' level Science subjects as well as Geography respectively. There is a focus of gathering data, for use of planning and sustainability, which is carried out on field trips. This is a perfect qualification for anyone who is interested in both science and geography, who may not want to study all 3 science disciplines.

Other higher education opportunities:

This course tests skills learnt during lesson times which are essential for other higher education opportunities.

Skills include:

- analysis of problems
- planning data collection
- data collection
- data analysis
- planning further study