

ENVIRONMENTAL SCIENCE A LEVEL

WHAT WILL I STUDY?

A highly topical subject, Environmental Science will provide you with an in-depth and holistic insight into the environment and the scientific processes that control and affect it. This includes modern key areas of study, such as wildlife conservation, pollution, global climate change, food resources, waste management and sustainability. It bridges the gap between science and humanities disciplines and combines well with other subjects, including Biology and Geography. You will examine the importance and efforts of conservation of biodiversity on Earth in habitats of national and international significance, such as the tropical and deep-sea coral reefs, temperate forests and tropical rainforests, as well as Antarctica. You will focus on the:

- ecological relationships between organisms and their abiotic and biotic environment;
- unsustainable exploitation of natural resources and their future;
- Importance of the physical environment and worldwide phenomes, such as Greenhouse Effect, Ozone Layer and El Nino.
- technologies for energy supply and future energy supply/demand;
- social and economic impacts of different types of pollution and their control methods;
- Food production and forestry systems and their relationship with human population growth.
- Sustainability of the world.

The A level exam is a free-standing qualification. This course presents a variety of opportunities to undertake fieldwork and research methods, with recent trips to locations including Harcourt Arboretum, Rushall Farm, Thames Water Treatment facilities and other local on-site practical activities, as well recent international visits to Iceland and Italy.

WHAT NEXT?

A key subject for students planning to continue on to university to study subjects including geography, conservation, geology, ecology and environmental science at degree level. Alternatively, students may consider direct entry into related employment.

ASSESSMENT

Exam (100%)

DURATION

2 years

ENTRY REQUIREMENTS

Standard entry requirements to include grade 5 in English and grade 4 in Maths, plus grade 5 in any GCSE Science subject.

EXAM BOARD

AQA

COSTS

£25 for textbooks plus £40 per year for optional field trips.