



A GCSE in Geology will provide an understanding of 'how the Earth works': its structure, evolution and dynamics, and its mineral and energy resources.

You will grow to appreciate that Geology is vital to the future quality of life and prosperity of the world's population; from supplying the ever-growing demand for mineral, energy and water resources to mitigation of natural hazards by improved engineering and prediction techniques.

What does the course cover?

Students will follow the new Eduqas Geology syllabus. There are four main themes to the course:

1. Rock exposures contain evidence of how rocks were formed and subsequently deformed
2. Major concepts and techniques underpin our current understanding of the Earth and its history including the rock cycle and plate tectonics
3. Comparisons of the Earth with other planetary bodies within the Solar System provide evidence for the origin and evolution of both
4. Human interaction with the Earth can increase or reduce risk

How is the course assessed?

One online exam and one written will allow you to show your knowledge of key geological theory and understanding of practical skills.

- Paper 1: Geological Principles (1 hour 15min – 50%)
- Paper 2: Investigative Geology (1 hour 30min – 50%)

Students are examined at the same level, there are no tiered examinations and there is no coursework/controlled assessment. All exams are taken at the end of the two-year course.

All students will carry out two days of fieldwork studying local Geology in the Lake District and the local area. Students will need to be able to identify a range of minerals, rocks and fossils developed through practical activities both outside the classroom and in.

