

# Why Choose Geology?

**Geology** is an Earth Science which helps us to understand the structure, evolution and dynamics of our planet. It combines elements of chemistry, physics and biology in one continuous investigation to unravel 4.6 billion years of Earth history.

Working at both micro and macro scales you will learn to interpret minerals, rocks, fossils, structures and landforms as key indicators of past environments.



Choose Geology as an option and through lessons, practicals, university and field visits you will develop key skills of observation, analysis and problem solving. Entering the subsurface world you will construct models and cross sections to explore the Earth beneath your feet.



**Alun School** is one of the very few centres that teach A Level Geology, providing expert guidance and tuition in 5 weekly lessons.

# Geology

## Assessment Information

### A Level Units

**AS Unit 1** - Geological Enquiries - 1 hour and 30 minutes written examination that makes up 40% of AS qualification.

**AS Unit 2** - Foundation Geology - 1 hour and 30 minutes written examination that makes up 60% of AS qualification.

**A2 Unit 3** - Geological Investigations - 2 hours and 15 minutes written examination that makes up 35% of A2 qualification.

**A2 Unit 4** - Geological Principles and Processes - 2 hours written examination that makes up 30% of A2 qualification.

**A2 Unit 5** - Geological Applications - 2 hours written examination that makes up 35% of A2 qualification.

*Please note that this award is linear.*

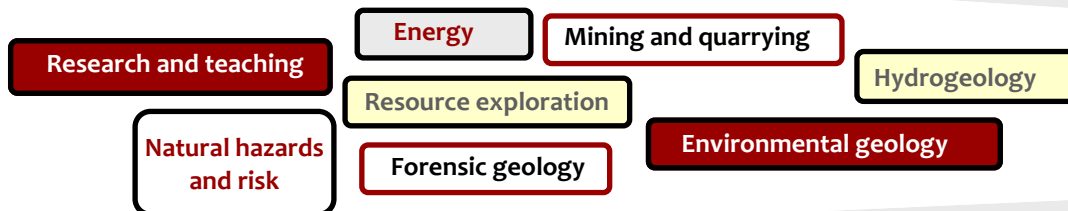
*You can study to AS level but your grade does not contribute to A2.*

## Entry Requirements

You should have achieved a grade B or above in GCSE Science and Maths (preferred). No previous geological knowledge is required but an interest in the subject is requested.

## Progression Routes

The transferable skills and knowledge you will gain through the study of Geology at Alun School will enable you to access a wide range of university courses and prepare you for future employment in areas such as :



Every year, this highly successful course inspires many students to progress on to study Geology and Earth Sciences at university.

### Why study Geology?

Study major scientific issues and themes.

Foster an understanding of the nature and scope of geology, including consideration of the Earth's history and its geological processes and times.

Help develop an understanding of the link between theory and experiment.

Provide opportunities to investigate, understand, critically evaluate and communicate geological facts and ideas, hence to develop informed opinions on a range of geological issues, problems and the responsible use of scientific knowledge and evidence.