

## Results and Destinations

Results A*/A/B	2010	83%
	2009	100%
	2008	80%

### Destinations of past pupils

Leicester Medicine

Liverpool Medicine

Leicester Geology and Paleobiology

Liverpool Geology

Liverpool Environmental Science

Leeds Earth Systems Science

Manchester Geology & Geography

London Imperial Geology with a year in USA

Durham Geology

Utah USA Earth Sciences

Aberystwyth Marine Biology

Aberdeen Geology with oil exploration

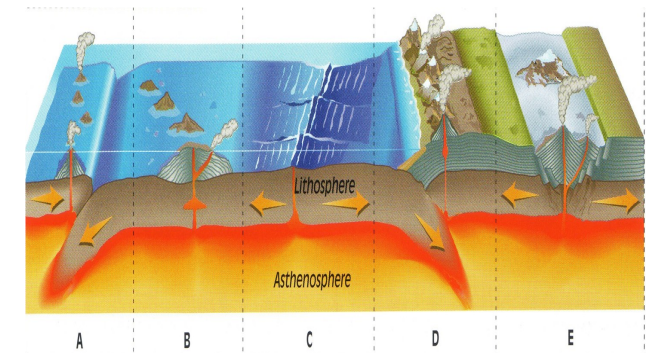


GDST

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## Why study Geology



What will you learn

What can you do with it?

What will you learn

**Your AS course has 3 modules and no coursework**

**Modules include work about:**

The planet origins

Plate tectonics and how the plates move around

Earth structure

How the magnetic field is formed

Why volcanoes erupt

Why Earthquakes happen

How we use Earthquake waves to determine what the Earth layers are made from

What was life like in the past and how do fossils tell us what the environment was like in the past

What can we learn from rocks about our past climates happens along our coasts

How can we dispose of waste safely

**A2 course Topics**

How does magma form?

Why do we have Mass Extinctions

How do oceans form?

Britain's history from Precambrian to the present day rocks as postcards from the past

The Ice Age and climate change

What causes Metamorphism

The evolution of the vertebrates who are our ancestors

How did life begin in the Precambrian

Stem cell development in early life

Faulting and folding of rock material and how this has affected Britain

You will also complete 2 coursework assignments in this year based on your fieldwork

Field work

This is completed in both years

Year 1 Joint residential field trip with the geography dept to the East coast – Flamborough

Castleton day trip

Local geology at Burbage half day

Year 2

Residential visit to the Lake district to study volcanoes

Bridlington to study the Chalk and glaciations

London the Natural History Museum to study the Dinosaurs

Employment this can be varied but includes risk assessment, planning, architect, oil and mineral exploration, water supply, environmental management, insurance assessor, doctor, accountant, lawyer, any job which requires a degree. TV presenter, editor, journalist, Geologist. To name a few.