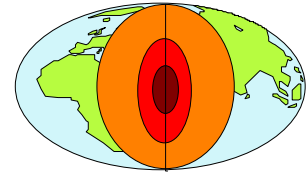


GEOLOGY GCSE



Geology or Earth Science is a practical subject dealing with the study of Earth History. It involves the study of the materials that make up the Earth (minerals and rocks); the form and internal structure of the Earth; the processes that take place inside and on the Earth's surface (volcanoes, earthquakes, rivers, deserts etc.); and the changes that have affected life through the Earth's long history (fossils and their evolution).

The GCSE syllabus involves two elements:

- 1) The Core Topics:** Earth History (Fossils and evolution)
Earth Materials (Minerals and rocks)
Earth Hazards (Volcanoes and earthquakes)
Earth Structures (Stresses, folding and faulting)
Surface Processes (Major surface environments)
Geo-science (Jobs and careers in Geology)

*These elements are worth **75%** of the final mark and are examined in one exam at the end of year 11.*

- 2) Field Investigation:** This involves a number of field trips to locations in Wales including the local coastline, Ogmere and finally a two day trip to Pembrokeshire. Based on this work a fieldwork project is produced..

*This element is worth **25%** of the final mark. The two day trip and investigation are completed in year 11.*



Year 11 fieldwork in Pembrokeshire

