Key Stage 3 Learning Journey: ‘talk like, think like, write like a Geographer’

Unit 5: Fieldwork
Forestry
Unit 4: The Beatles: Music, Money & Macca
socio-economic impacts & sustainability
Unit 3: Hazards
tectonic, atmospheric, cause, impact, response
Unit 2: Globalisation
concepts and case studies
Unit 1: Extreme Environments
mountains, deserts, challenges, opportunities

Year 9

Unit 5: Fieldwork
Biogeography
Unit 4: Coastal Environmental Change
processes, landforms, sea level change
Unit 3: Soccernomics
social inequalities & economic change
Unit 2: Cold Environments
processes, landforms & climate change
Unit 1: Addressing Africa
conflict, uneven development, infectious disease

Year 8

Unit 5: Fieldwork
Weather & Climate
Unit 4: Climate Change
cause, impact & response
Unit 3: Prisoners of Geography
development challenges & opportunities
Unit 2: Rivers and Flooding
processes, landforms & flooding
Unit 1: An introduction to Geography
skills, regeneration, rebranding & re-imaging

Year 7

Increasing challenge: decision making / critical thinking

Expanding scales : Yr 7 local, Yr 8 national, Yr 9 global

Developing synopticity: links & connections, interdiciplinarity

Substantive Knowledge
1.Map skills
2.Geomorphology
3.Development
4.Climate Change
5.Social inequalities
6.Economic Change
7.Sustainability
8.Hazards
9.Globalisation
10.Geology

Disciplinary Knowledge
1.Place
2.Classification
3.Cause
4.Impact
5.Response
6.Comparison
7.Spatial/temporal change
8.Decision making
9.Critical thinking
10.Sustainability

Key Stage 4 Learning Journey: GCSE AQA Geography

Increasing challenge: decision making / critical thinking

Core knowledge informs specialist optionality

Developing knowledge, understanding & application of skills

Unit 8: Issue evaluation
pre-release materials
Unit 7: The challenge of resource management
food, water, energy
Unit 6: The changing economic world
Nigeria vs the UK
Unit 5: Physical landscapes in the UK
rivers vs coasts

Unit 4: Fieldwork
physical and human geography experiences
Unit 3: The living world
rainforests vs deserts
Unit 2: Urban issues of challenges
Lagos vs Liverpool
Unit 1: The challenge of natural hazards
Tectonic, atmospheric, climate change

Year 11

Year 10

Paper 1: Living with the Physical Environment (35% - 88 marks)
Section A: The challenge of natural hazards – 33 marks
Section B: The living world – 25 marks
Section C: Physical landscapes in the UK – 30 marks

Paper 2: Challenges in the Human Environment (35% - 88 marks)
Section A: Urban issues and challenges – 33 marks
Section B: The changing economic world – 30 marks
Section C: Challenge resource management – 25 marks

Paper 3: Geographical Applications (30% - 76 marks)
Section A: Issue evaluation – 39 marks
Section B: Fieldwork – 37 marks

Assessment Objectives
AO1: **Knowledge** of locations, places, processes, environments and different scales (15%).
AO2: **Understanding** of concepts and interrelationships between places, environments and processes (25%).
AO3: **Application** of knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements (35%).
AO4: **Skills**: select, adapt and use a variety of skills and techniques to investigate questions and issues and communicate findings (25%).

Key Stage 5 Learning Journey: A-Level AQA Geography

Component 1: Physical Geography (40% - 120 mark exam)
Section A: Water and carbon cycles – 36 marks
Section B: Coastal systems and landscapes – 36 marks
Section C: Hazards – 48 marks

Component 2: Human Geography (40 % - 120 mark exam)
Section A: Global systems and global governance – 36 marks
Section B: Changing places – 36 marks
Section C: Population and the environment – 48 marks

Component 3: Geography fieldwork investigation (20% - 60 mark coursework)
3,000-4,000 word individual investigation including primary data collection developing a question based on the specification.

Assessment Objectives
AO1: **knowledge** and **understanding** of places, environments, concepts, processes, interactions and change, at a variety of scales (30–40%).
AO2: **application** of knowledge and understanding in different contexts to interpret, analyse and evaluate geographical information and issues (30–40%).
AO3: **quantitative, qualitative** and **fieldwork skills** to investigate geographical questions and issues, interpret, analyse and evaluate data and evidence and construct arguments & draw conclusions (20–30%).

Year 12 → Year 13

Unit 1: Water and carbon cycles
Unit 2: Changing places
Unit 4: Global systems and global governance
Unit 3: Coastal systems and landscapes
Unit 6: Population and the environment
Unit 5: Hazards
Geography fieldwork investigation

Developing knowledge, understanding & application of skills

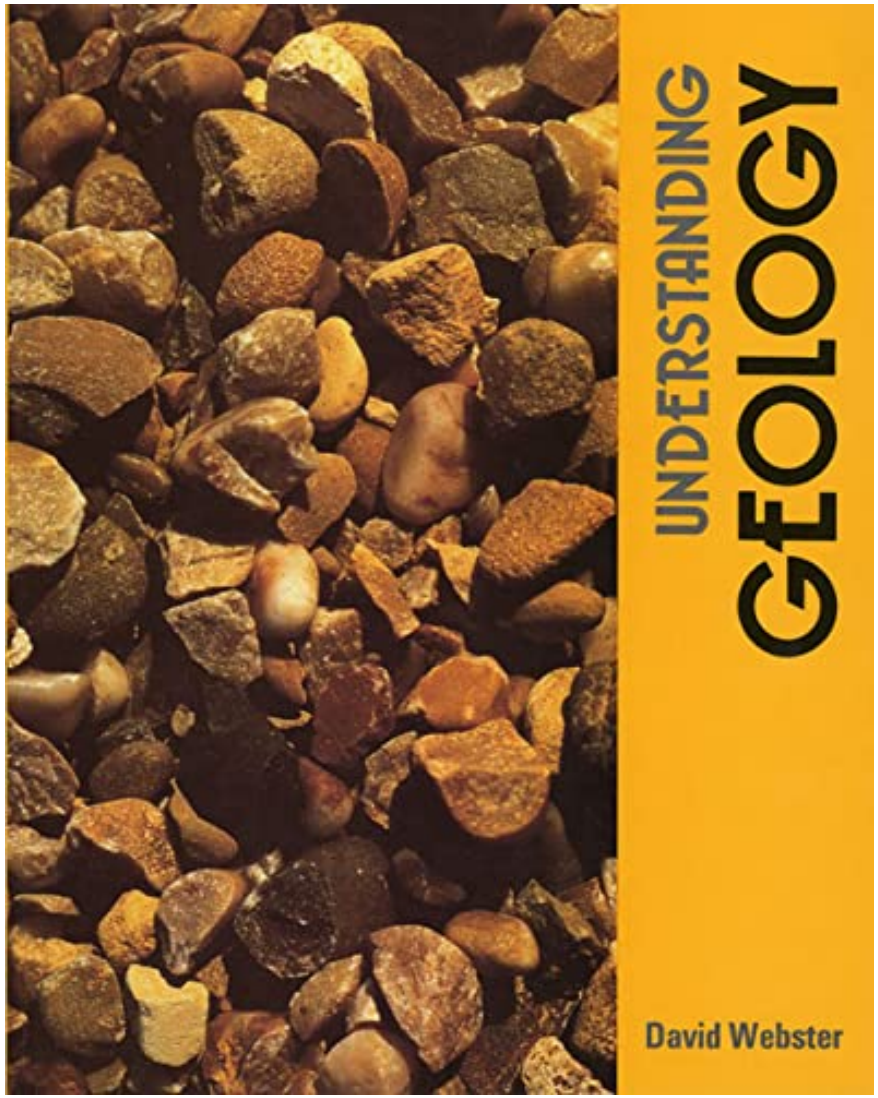
Core knowledge informs specialist optionality

Increasing challenge: decision making / critical thinking

SEC Geography fieldwork programme: inc. rationale

Year	External	Internal
7	Sandstone Trail	Micro-climate
8	Sefton Coast	Biodiversity
9	Moel Famau, Llywidian Mountains	Forestry
10	Sefton Coast, Baltic Triangle	Sampling techniques
11	Isle of Arran field-course	
12	Isle of Arran field-course	Sampling techniques
13	Sefton Coast, Baltic Triangle	

GCSE and AS Geology form part of the department's enrichment programme providing opportunities for learning hinterland knowledge





AS Geology @ St Edwards College, 2 hours/week for an extra half an A-Level over 2 years!

But what is Geology…

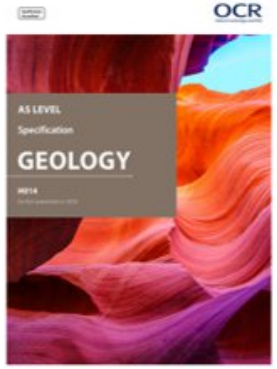
Geology is the study of Earth Science including the Earth's structure, history and processes. Geologists aim to secure a safer, more sustainable and prosperous planet with a future based on sound geoscientific solutions.

What do the lessons involve…

Learning involves a significant practical element including analysing and interpreting rocks' characteristics, assessing geological maps and enjoying fieldwork experiences on the Isle of Arran, Western Scotland. Students study traditional concepts such as global tectonics alongside exciting practises such as learning about fossils. Problem solving is the underlying focus at the bedrock of the study of AS Geology. Assessment is one 2.5 hour exam exam.

What knowledge and skills will I develop…

Geology students develop a range of transferrable skills useful in a diverse range of careers which involve exploration and extraction of mineral resources and energy sources, monitoring and reducing the impacts of geological hazards such as earthquakes and volcanoes and researching into the Earth's geological history predicting the effects of current climate change.



Content Overview	Assessment Overview	
Content is split into four teaching modules: • Module 1 – Development of practical skills in geology • Module 2 – Foundations in geology • Module 3 – Global tectonics • Module 4 – Interpreting the past Component 01 assesses content from all four modules.	Geology* (01) 120 Marks 2 hour 30 minutes written paper	100% of total AS level







Isle of Arran Fieldwork @ Lochranza Field Centre https://www.lochranzacentre.co.uk/