

Faculty: Humanities

Subject Area: Geography



YEAR 9 GEOGRAPHY



1

Extreme weather

- Impacts of extreme weather
- How tornadoes form
- Oklahoma tornado
- Storm chasing
- The 3 Ps
- How does a hurricane form
- Hurricane Katrina
- Hurricane tracking
- Cyclone Nargis

2

Environment & Sustainability

- Human and physical environments
- Sustainability
- Climate change
- Waste disposal
- Great Pacific Garbage patch
- Endangered species
- Trophy hunting
- Antarctica

3

Restless Earth

- Plate boundaries
- Volcanic eruptions
- Eyjafjallajokull eruption (E15)
- Supervolcanoes
- Living near a volcano
- Earthquakes
- Tsunamis
- Japanese tsunami, 2011
- Coping with quakes

4

Population & Migration

- Population growth
- Population density and distribution
- Jelly baby geography
- Population pyramids
- China's One Child Policy
- Migration - push/pull factors
- Mexico to USA migration
- Migration in Europe

5

Resource management

- Global distribution of food, water and energy
- Provision of food, water and energy in the UK
- Energy consumption and supply
- Impacts of energy insecurity
- Strategies to increase energy supplies
- Example of a fossil fuel - natural gas - advantages and disadvantages
- Sustainable energy supplies
- Micro-hydro schemes in Peru

GCSE GEOGRAPHY – YEAR 10



Natural Hazards

- What are natural hazards
- Plate tectonics
- Earthquake case studies
- Reducing the risk
- Weather hazards
- Tropical storms
- Extreme weather in UK
- Climate change

The Living World

- Ecosystems and global Biomes
- Tropical Rainforests- climate and location, rainforest structure, causes and impacts of deforestation and management
- Hot Deserts- climate and location, plant and animal adaptations, opportunities and challenges in the Thar desert and desertification

Physical Landscapes in the UK: Rivers

- Long and cross profiles of a river
- Erosion, transportation and deposition
- Landforms of erosion and deposition
- River Severn case study
- Physical and Human causes of flooding
- Flood hydrographs
- Hard and soft engineering

Physical Landscapes in the UK: Coasts

- Wave types
- mass movement
- Erosion, transportation and deposition
- Landforms resulting from erosion and deposition
- Dorset coastline case study
- Hard and soft engineering case study

Fieldwork

- Physical investigation: Does longshore drift affect Swanage beach
- Human investigation: Is traffic congestion a problem in Swanage town?

Geographical skills

- Cartographic Skills
- Graphical Skills
- Statistical Skills

GCSE GEOGRAPHY – YEAR 11



Water and Carbon Cycles

- Water and carbon cycles as natural systems
- The water cycle
- The carbon cycle
- Water, carbon, climate and life on earth
- Case studies: The Amazon Rainforest, The River Swanbrook

Changing places

- The nature and importance of places
- Categories of place
- Factors contributing to the character of places
- Relationships and connections
- Meaning and representation
- Place studies:
 - Local place study - Corfe Castle Village
 - Contrasting place study - Brick Lane

Global systems & Global Governance

- Globalisation
- Global systems
- International Trade
- Global Governance
- The 'Global Commons'
- Antarctica as a global common
- Globalisation critique

Coastal landscapes

- Coasts as natural systems
- Systems and processes
- Coastal landscape development
- Coastal management
- Case studies:
 - Local scale - Holderness coast
 - Beyond the UK - Sundarbans, Bangladesh

Geographical skills

- Core skills
- Cartographic skills
- Graphical skills
- Statistical skills
- ICT skills

Non-examined assessment (fieldwork investigations)

- Students select a fieldwork location and come up with an independent geographical question to investigate.
- The question must be linked to a topic area of the specification
- Students collect primary and secondary data to answer their questions and have the summer term to complete their write up.

Contemporary urban environments

- Mega cities and World cities
- Urban change
- Urban policy and regeneration
- Urban form
- New urban landscapes
- Socio-economic issues
- Urban climate
- Urban drainage
- Urban waste & its disposal
- Other environmental issues
- Sustainable urban development
- Case studies - London/Mumbai

Hazards

- The concept of a hazard
- Plate tectonics
- Volcanic hazards
- Seismic hazards
- Storm hazards
- Fires in nature
- Case studies:
 - Multi-hazardous environment - your choice
 - Local scale - your choice

Revision

- The remainder of the time is used to revise content and skills that have been studied over the two year course and apply this to practice exam questions.

Examination

- A-Levels exams include questions that allow students to demonstrate their ability to: draw together their knowledge, understanding and skills from across the full course of study as well as provide extended responses.