

KS4 GEOGRAPHY CURRICULUM LEARNING JOURNEY

KS4

Natural hazards

- What are natural hazards
- The theory of plate tectonics
- What happens at plate boundaries
- Hazard dispersions and trends
- Earthquake in a LIC
- Earthquake in a LIC
- Impacts and effects of wealth on management of hazards
- Direct comparison
- Why live there? Management
- Atmospheric circulation
- Tropical storms where and why
- Tropical storms impact's
- Tropical storms responses
- Weather Hazards in the UK
- The Sheffield Floods
- Isoline Maps and Flood Impacts
- Is Extreme Weather More Common
- What is Climate Change
- Climate Change Effects
- Climate Change Management

- Small scale ecosystem
- How changes effect ecosystems
- Key global ecosystems
- Tropical rain forest (TRF). Where, climate
- TRF structure soil animals' plants
- TRF deforestation
- TRF sustainable management
- Characteristics of hot deserts (case study)
- Developments of hot desert environments (case study)
- Challenges in the Desert
- Desertification
- Reducing desertification

Living world

- The UK's diverse landscapes
- Coastal process one
- Coastal process two
- Geology and landforms
- Coastal landforms from erosion
- Coastal landforms from deposition
- Holderness coast case study part one
- Holderness coast case study part two
- Methods of sea defence
- Coastal management at Mappleton
- Hydro and river basin cycle
- Cross and long profiles
- Upper course features from erosion
- Middle, Lower course features from erosion/deposition
- River landforms video
- River Wye/Trent case study
- Flooding causes human/physical
- Flood hydrographs
- Flood management hard and soft
- Flood management case study

Physical landscapes UK

- Global patterns of urban change
- Factors effecting urbanisation
- Mega cities
- UK population distribution
- Urban land use models
- Location and importance of Sheffield
- Sheffield population and migration
- Sheffield urban change and opportunities
- Sheffield urban change and challenges
- Location and importance of RIO
- RIO population and migration
- RIO urban growth and opportunities
- RIO intro to social issues
- RIO Urban growth and social challenges
- Rio social challenges and solutions
- Rio environmental issues and solutions
- Urban planning in Rio
- Pop Pyramids
- Sustainable urban living
- Designing a sustainable city

Lesson topics

- Global distribution of development
- Demographic transition model
- Causes of uneven development
- Consequences of uneven development
- Reducing the development gap
- Growth in tourism and the development gap
- Nigeria links to wider world
- Nigeria aid
- Nigeria Changing Economy
- Nigeria the influence of TNC's
- Nigeria effects of industry
- UK economic change
- Improving infrastructure
- UK in the wider world
- N/S divide
- Changes in the rural population
- Impact of industry and sustainability
- Post-industrial economy

Changing Economic world

- Human field work visit to Parkhill at start of Y10 to consider the hypotheses. That regeneration in Park Hill flats has now created an environmentally attractive and socially sustainable area.
- Physical geography field work done at the end of Y10 to Bakewell to consider the hypotheses. The weirs on the river wye have altered the natural process of the river.
- Resources and well being
- Inequality and resources
- Food in the UK 1
- Food in the UK 2
- Water in the UK 1
- Water in the UK 2
- Energy in the UK 1
- Energy in the UK 2
- Global patterns of water surplus and deficit
- Factors effecting water availability
- Impacts of water insecurity
- Strategies to increase water supply
- A large scale water transfer scheme
- Moving towards a sustainable future
- A local NEE scheme and sustainable water

Field Work

Resource management