

GEOGRAPHY – KS3

Year 7

The following topics are taught through the course of the year:

TERM 1 – September to December

Geographical skills and map work

- Compass directions
- Contours
- Four figure and six figure grid references
- Scale and distances
- Ordnance Survey maps

Weather and Climate

- Difference between weather and climate
- How to measure weather
- How does it rain
- Depressions
- Anticyclones
- Microclimate of QIS

TERM 2 – January to March

Energy

- Fossil fuels
- Nuclear Power
- Renewable energy sources

TERM 3 – April to June

Italy

- Key features
- Climate
- Unemployment and emigration
- Life in the North of Italy

Life in the South of Italy

Books

Choice

Foundations – Waugh

Fieldwork

The Year 7 pupils visit the Ras Laffan Natural Gas refinery at Al Khor as part of their studies on energy. This fieldwork takes place in the summer term and pupils will learn a range of information including how gas is extracted, refined and processed.

Year 8

The following topics are taught during the Year 8 Geography course:

TERM 1 – September to December:

Volcanoes and Earthquakes:

- Plate tectonics and continental drift
- The earth's structure and surface
- Volcanic activity and distribution
- Earthquake activity and distribution
- Impact of natural disasters on the environment
- Management of natural disasters

Settlement:

- Settlement site and function
- Settlement patterns
- Hierarchy and sphere of influence
- Urban land use patterns
- Rural and urban change
- Settlements in the developed and developing world
- Urban and rural problems and management policies

TERM 2 - January to March:

Economic Geography and Shopping:

- What is the 'Economy'
- Employment structures
- Economic activity in Qatar and abroad
- Farming as an industry
- The textile industry
- The Asian Tiger Economies
- Economic development factors
- Shopping hierarchies and the Central Business District
- Supermarkets, retail parks and mall development

TERM 3 - April to June:

Global Change

- Resource availability and use
- Sustainable development
- Deforestation
- Global Warming and the Greenhouse Effect – truth or myth?
- Effects of Global Warming – Focus on the UK
- Ozone Layer Depletion
- Acid rain
- Sea Pollution
- World and Governmental Conservation Agencies – Think Global Act Local

Key Resources:

- Change*. Vincent Bunce Longman Geography
- An array of video, newspaper and internet resources.

Year 9

The following topics are studied at Year 9 level:

TERM 1: September to October

Ecosystems

- The importance of plants
- Natural ecosystems
- Ecosystems as a resource
- How does climate affect vegetation
- The savanna ecosystem
- Tropical rainforests
- Mediterranean climates
- Environmental conservation management

Population

- The challenge of population growth
- Population distribution
- Population migration
- Population and resource management
- Managing population – strategies in MEDC's and LEDC's
- Future population strategies

TERM 2 – January to March

Rivers and Floods

- The benefits of rivers
- The water cycle
- The river in the uplands
- The river in the lowlands
- Why do rivers flood
- Case studies – Mississippi and Lynmouth
- Responding to floods

Coasts

- Using the coast
- Waves
- Erosion of the coastline
- Change along the coast – landforms and processes
- Building up the land – deposition

Coastal hazards
Coastal Zone Management
Case Study – The Dorset Coast
Coastal development

Sustainable Development

Defining sustainable development
Case study – Namibia
Case study – Windhoek
Focus on fishing stocks and water resource management
Small scale sustainable development in Africa
The green plan – Environmental Conservation Management
Fundamental issues in Geography

Key Resources:

Challenge. Vincent Bunce. Longman Geography