

# GEOGRAPHY CURRICULUM



Study Geography at Sixth Form College

Study Geography at University

Use Geography in many potential jobs: teaching, working for international companies, conservation, zoology, tourism, environmental management, volcanologist.

Use geographical skills on your gap year travels

Volunteer for conservation projects

## CASE STUDIES REVISION, GEOGRAPHICAL SKILLS RETRIEVAL AND INTERLEAVED PRACTICE

With respect to cartographic skills, learners should be able to:

1. Select and construct maps, using appropriate scales and annotations, to present information.
  2. Interpret cross sections and transects.
  3. Use and understand coordinates, scale and distance.
  4. Extract, interpret, analyse and evaluate information.
  5. Use and understand gradient, contour and spot height (on OS and other isoline maps).
  6. Describe, interpret and analyse geo-spatial data presented in a GIS framework.
- With respect to graphical skills, learners should be able to:
1. Select and construct appropriate graphs and charts, using appropriate scales and annotations to present information.
  2. Effectively present and communicate data through graphs and charts.
  3. Extract, interpret, analyse and evaluate information.

## UK 21<sup>ST</sup> CENTURY

What does the UK look like in the 21st century?  
How is the UK's population changing?  
How is the UK's economy changing?  
What is the UK's political role in the world?  
How is the UK's cultural influence changing?

## DISTINCTIVE LANDSCAPES

The UK Landscape  
Weathering and Erosion  
Transportation and Deposition  
Coastal Landforms  
Coastal Management  
River Landforms  
Hengistbury Head case study  
River Tees case study

## DISTINCTIVE LANDSCAPES

What is a landscape? How the concept of a landscape can be defined, including the differences between built and natural landscapes. Where are the physical landscapes of the UK?  
What physical processes that shape the UK landscapes?  
What are the characteristics of your chosen landscape

Zone 11 starts

**YEAR 11**

GCSE Fieldwork:  
Physical and Human Geography

## CLIMATE CHANGE

What evidence is there for climate change?  
Is climate change a natural process?  
Why is climate change a global issue?

**YEAR 10**

## SUSTAINING ECOSYSTEMS

Types of biome  
Rainforest ecosystems and associated processes and flora/fauna  
Desert ecosystems and associated processes and flora/fauna  
Antarctica ecosystem and associated processes and flora/fauna  
Costa Rica case study  
Antarctic Treaty case study  
IWC case study  
Why are ecosystems being destroyed?  
Managing/protecting ecosystems

## RESOURCE RELIANCE

Malthus and Moseley theories  
Human Use of the Environment  
Food and Water Security  
Improving Food Production  
Tanzania SAGCOT case study  
Canada/Tanzania Wheat Deal case study  
Tanzania Goat Aid case study

Guided Choices process – will you study Geography at KS4?

Guided Choices Taster Week – get a taste of what GCSE Geography is like

**DYNAMIC DEVELOPMENT**  
Development Indicators and HDI  
Human and Physical Factors  
Rostow Model and DTM  
Ethiopia case study

## URBAN FEATURES

Why do people live in cities?  
Challenges and opportunities in cities  
AC case study  
LIDC case study

## GLOBAL HAZARDS

Types of plate boundary  
Tectonic hazards  
Weather Hazards  
Protection and managing hazards  
Tectonic case study  
UK Weather Hazard case study  
Non-UK Weather Hazard case study

## WHY IS THERE CONFLICT?

Why is there conflict in Kashmir?  
What caused the Rwandan Genocide?  
Why are people fleeing Venezuela?

**YEAR 9**

## CLIMATE CHANGE

What is climate change?  
What is the greenhouse effect?  
What are the natural causes of climate change?  
How do we contribute to climate change?  
How will climate change affect the UK?  
What are the worldwide impacts of climate change?  
How can we stop climate change?

Opportunity to become a Humanities Ambassador

**YEAR 8**

## POPULATION

World population distribution and change  
What is meant by population distribution  
Understand how the population of a country changes as it develops  
How countries attempt to control population change  
Consider the success of population control in Russia and China  
Types of migration  
Different forms of migration  
Explain push and pull factors  
Social economic political and environmental reasons for migration  
Understand urbanisation and how cities evolve  
How global patterns of migration are changing  
Problems of urbanisation  
Understand how urbanisation has changed a UK city

## ASIA

What is Asia like?  
What are the Himalayas and why are they important?  
What is globalisation?  
What are Asia's ecosystems like?  
Resources in Asia – Borneo Rainforest  
Resources in Asia – Whaling South China Sea  
Hydro-electric power in Nepal

## EARTHQUAKES AND VOLCANOES

Structure of the Earth  
What are Tectonic Plates?  
Tectonic Plate Movement  
What is an Earthquake?  
Sendai Earthquake (Case Study)  
Educating People about Earthquakes  
Earthquake Proof Buildings  
What is a Volcano?  
Effects of a Volcano - Guided Choices Taster Lesson  
Advantages of a Volcano  
Planning and Preparing for Volcanoes  
Eyjafjallajökull volcanic Eruption (Case Study)

## DEVELOPMENT

Africa: A continent, not a country  
The development gap  
Population Growth  
Ecosystems  
Ethiopia - Case Study  
Africa and World Trade

## ECOSYSTEMS

Where are the rainforests?  
Rainforest structure  
Weather vs climate/Climate in the rainforest 1  
Climate in the rainforest 2  
Why are rainforests important?  
Deforestation and Motivations  
Rainforest Management

Fieldwork opportunity

**DEVELOPMENT**  
What is development?  
How do we measure development?  
The Development Gap  
Living in slums  
Millennium Development Goals

## COASTS AND RIVERS

How does the water cycle affect geography?  
What are erosional and depositional processes?  
How do processes affect the landscape?  
How do rivers change along their journey?  
How are coastal landscapes formed?  
How are coastal landscapes managed?  
What causes coastal and river flooding?  
Enrichment Topic – Coral Reefs

## WEATHER AND CLIMATE

Weather and Climate  
Climate Graphs  
Air Pressure  
Isobars and Weather forecasting  
Types of rain  
Microclimates  
Formation of a tropical storm  
Hurricane Katrina  
Microclimate enquiry

## ECONOMY

Economic sectors  
Primary sector  
Secondary Sector - Manufacturing  
Fieldwork  
Tertiary Sector - Tourism  
Quaternary Sector  
Trade  
Globalisation

## RESOURCES

Our Planet  
What is a renewable resource?  
What is a non-renewable resource?  
Fossil Fuels  
Energy in the UK  
Nuclear Energy  
Nuclear Meltdowns

## WHAT IS GEOGRAPHY?

What is a geographer?  
What locational knowledge do you have of the world?  
How can we locate places around the world?  
How can we use grid references to locate a place?  
Why do we use OS maps to investigate places?

**YEAR 7**