

# GEOGRAPHY KS3 SKILLS AT A GLANCE

## KEY

- Justification – The level of significance
- Investigation – Fieldwork
- Synoptic – Making Links
- Cartographic – Map Skills
- Assessing – Level of significance
- Evaluation – Strengths and Weaknesses
- Graphical & numerical skills

### WHAT IS THE GEOGRAPHY OF CRIME?

Investigation – Demographic change and urbanisation/regeneration in urban locations  
Cartographic – proportional flow maps/crime mapping/GIS  
Assessing – Most significance causes of crime

### WHAT ARE MEGACITIES & WHY ARE THEY IMPORTANT?

Cartographic – proportional maps (mega cities)  
Evaluation – Opportunities and challenges within a mega city

### HOW DOES CLIMATE CHANGE IMPACT HUMANS?

Assessing – rate of successfulness of preparation and response to hurricanes  
Synoptic – climate change increasing frequency and severity of hurricanes  
Evaluation – of preparation and response to hurricanes

### WHAT IS RUSSIA 'S ROLE?

Graphical & numerical skills  
Synoptic – impacts of nuclear energy (Chernobyl example)

### HOW DO GLACIERS IMPACT HUMANS?

Cartographic – using scale to calculate distance  
Synoptic – erosional and depositional processes creating landforms.

### WHAT ARE THE THREATS TO THE BIOSPHERE?

Assessing – The significance of threats to the biosphere  
Cartographic – Satellite imagery of deforestation in Indonesia & Brazil

### WHY ARE NATURAL HAZARDS DANGEROUS?

Evaluation – Strengths and Weaknesses of preparation/response  
Synoptic – tectonic processes and impacts

### WHAT ARE WORLD ISSUES?

Synoptic – Making Links  
Cartographic – Interpreting satellite imagery, land use change

### WHAT IS GEOGRAPHY?

Building foundation knowledge  
Cartographic – using atlases/globes/ finding my house on a OS map  
Synoptic – Explaining why something happens

**KS4**

### CAN YOU MAKE SUSTAINABLE DECISIONS?

Justification – Proving successfulness of sustainable decisions with evidence  
Evaluation – Strengths and weaknesses of sustainable decision  
Assessing – Successfulness of sustainable decisions/actions

Year 9  
Topic 6

### WHAT ARE COASTAL PROCESSES & PRESSURES

Synoptic – Erosional and depositional processes forming coastal landforms  
Cartographic – coastal landforms and sea defences on OS maps

Year 9  
Topic 4

### SHOULD HUMANS CONSUME EARTH 'S RESOURCES?

Justification – synergising evidence to prove/disprove Malthusian catastrophes  
Graphical & numerical skills – pie chart construction

Year 9  
Topic 2

### CAN YOU BE A GLOBAL CITIZEN?

Evaluation – Strengths and Weaknesses  
Synoptic – actions and consequences

Year 8  
Topic 6

### WHAT 'S DOWN BY THE RIVER?

Synoptic – erosional and depositional processes creating river landforms  
Investigation – Fieldwork “Exploring fluvial and glacial processes within Dovedale, Peak District”

Year 8  
Topic 4

### IS THERE BLOOD IN MY MOBILE?

Justification – “who is the most to blame for conflict minerals?”  
Graphical & numerical skills – calculating mean, source analysis – GCSE\* graphs

Year 8  
Topic 2

### HOW DO COUNTRIES DEVELOP?

Assessing – Successfulness of development and causes of inequality between countries  
Synoptic – tectonic processes and impacts

Year 7  
Topic 6

### WHAT LIES BENEATH?

Graphical & numerical skills interpreting graphs-  
Synoptic – Importance of soil and soil quality influencing resources

Year 7  
Topic 4

### IS RUGBY AN APPEALING PLACE TO LIVE?

Investigation – Fieldwork “Is Rugby an appealing place to live?”  
Cartographic – Rugby on OS maps/atlas skills  
Graphical & numerical - radial graph/bar chart construction

Year 7  
Topic 2

**START**

# GEOGRAPHY KS3 KNOWLEDGE AT A GLANCE

KS4

- Development , globalisation & demographics
- Climate change
- Tectonic & atmospheric hazards
- Biomes , environment & natural resources
- Erosional & transportational processes & landforms
- Urbanisation and Land use
- Exploring the UK

## CAN YOU MAKE SUSTAINABLE DECISIONS?

International agreements on sustainability  
Making sustainable decisions in relation to climate change within the UK  
Protecting environmentally ecological sensitive locations

Year 9  
Topic 6

## WHAT ARE COASTAL PROCESSES & PRESSURES

Erosional & transportational processes at the coast & coastal landforms  
Climate change influencing UK flooding events and coastal erosion  
Coastal defence strategies in coastal settlements

Year 9  
Topic 4

## SHOULD HUMANS CONSUME EARTH 'S RESOURCES?

Importance of natural resources supporting development  
Impacts of resource extraction on development & environment (Africa)

Year 9  
Topic 2

## CAN YOU BE A GLOBAL CITIZEN?

Combatting climate change impacts  
Supporting international development and globalisation

Year 8  
Topic 6

## WHAT 'S DOWN BY THE RIVER?

Dovedale fieldtrip  
Erosional & transportational processes along rivers and river landforms  
River flooding in the UK

Year 8  
Topic 4

## IS THERE BLOOD IN MY MOBILE?

Exploitation of resources in low-income countries  
Introduction to globalisation  
Sweat shops in the UK – Leicester case study

Year 8  
Topic 2

## HOW DO COUNTRIES DEVELOP?

Regeneration of brownfield sites  
Contrasting countries level of development  
Contrasting levels of development in the UK – London, Robin Hood Gardens vs Saffron Gardens

Year 7  
Topic 6

## WHAT LIES BENEATH?

Introduction to rock cycle and erosional processes  
Food insecurity and soil erosion (desertification)  
Layers of the Earth and convection currents

Year 7  
Topic 4

## IS RUGBY AN APPEALING PLACE TO LIVE?

Exploring Rugby on OS maps using 4/6 point compass  
Indicators about Rugby services and development  
Regions and counties in England  
Land use (brownfield & Green field)  
Fieldwork introduction (hypothesis, methodology & conclusion)

Year 7  
Topic 2

## WHAT IS THE GEOGRAPHY OF CRIME?

Demographics of crime – age groups (population pyramid)  
Wards influencing crime rates (land use, regeneration)  
Birmingham Ladywood vs Sutton Four Oaks  
UK crime rate, investigation (virtual fieldwork)

Year 9  
Topic 5

## WHAT ARE MEGACITIES & WHY ARE THEY IMPORTANT?

Rapid urbanisation – Mega cities. Lagos, Nigeria (Africa)  
Opportunities and challenges of shanty towns  
Resource demand and use supporting land use change and regeneration

Year 9  
Topic 3

## HOW DOES CLIMATE CHANGE IMPACT HUMANS?

Climate change influencing frequency and intensity of atmospheric hazards  
Development influencing preparation and response to hazards  
Distribution of natural hazards (plate boundaries)

Year 9  
Topic 1

## WHAT IS RUSSIA 'S ROLE?

Biome and physical landscape of Russia  
Russia's level of development and BRICS nations  
Russia's international role and conflict – world issue

Year 8  
Topic 5

## HOW DO GLACIERS IMPACT HUMANS?

Erosional processes influencing glacial landforms  
Importance of freshwater resources from glaciers  
Previously glaciated landscapes in the UK

Year 8  
Topic 3

## WHAT ARE THE THREATS TO THE BIOSPHERE?

Factors influencing biome distribution  
Services and protection of biomes  
Impact of climate change on biomes (fauna and flora)

Year 8  
Topic 1

## WHY ARE NATURAL HAZARDS DANGEROUS?

Continental drift and plate tectonics (tectonic hazards)  
Level of development influencing natural hazard response (tectonic)  
Impacts of natural hazards on the environment

Year 7  
Topic 5

## WHAT ARE WORLD ISSUES?

Countries level of development – development indicators introduction  
Impacts of climate change around the world. Pakistan floods example.  
Desertification and impacts on soil management

Year 7  
Topic 3

## WHAT IS GEOGRAPHY?

- Using 4-point and 6-point compass, OS maps
- Exploring the British Isles & continents
- Weather and climate 0- introduction to climate change
- Exploring different biomes (fauna & flora)

Year 7  
Topic 1

START

# NATIONAL CURRICULUM AT A GLANCE

## – GEOGRAPHY

KS4

### CAN YOU MAKE SUSTAINABLE DECISIONS?

- Decision making exercise on local and national scale
- How human actions influence the landscape (local, national and international scale)

Year 9  
Topic 6

### WHAT ARE COASTAL PROCESSES & PRESSURES

- Coastal processes influencing coastal settlements
- Human activity relies on effective functioning of natural systems

Year 9  
Topic 4

### SHOULD HUMANS CONSUME EARTH 'S RESOURCES?

- Scale of supply chain and dependency on natural resources
- Africa and Middle East regions
- Proportional graphs (Gapminder)

Year 9  
Topic 2

### CAN YOU BE A GLOBAL CITIZEN?

- International scale of global citizenship
- International development
- Impact of sustainable actions on local and national scale e.g. landfills, sustainable housing

Year 8  
Topic 6

### WHAT 'S DOWN BY THE RIVER?

- Fieldwork to Dovedale, Peak District on fluvial and glacial landscapes – primary data collection
- Hydrological cycle
- Physical processes influencing human settlements

Year 8  
Topic 4

### IS THERE BLOOD IN MY MOBILE?

- Biomes within Africa (hot deserts)
- Locational knowledge of African Nations
- Building knowledge of globes & atlases
- Similarities & differences between African and European Nations

Year 8  
Topic 2

### HOW DO COUNTRIES DEVELOP?

- Local (London), national (north-south divide) and international scale of development.
- International trade links and trade routes

Year 7  
Topic 6

### WHAT LIES BENEATH?

- Physical processes (introduction to erosion and transportation processes) & weathering processes
- Soil profile and structure and importance of soil protection

Year 7  
Topic 4

### IS RUGBY AN APPEALING PLACE TO LIVE?

- Local fieldwork (Rugby) – hypothesis, methodology, conclusion, limitations
- Use of OS maps
- Satellite imagery of local landscape

Year 7  
Topic 2

### WHAT IS THE GEOGRAPHY OF CRIME?

- Local and national scale of crime and demographics
- GIS systems, mapping
- Virtual fieldwork in contrasting locations, analysing and drawing conclusion

Year 9  
Topic 5

### WHAT ARE MEGACITIES & WHY ARE THEY IMPORTANT?

- Employment type and use of natural resources
- Mega cities and primate cities around the world
- Contrasting levels of development

Year 9  
Topic 3

### HOW DOES CLIMATE CHANGE IMPACT HUMANS?

- Climate change influencing human settlements (frequency & intensity of hurricanes)
- Scale of hurricane distribution, map skills
- Interpreting sources including hurricane tracking

Year 9  
Topic 1

### WHAT IS RUSSIA 'S ROLE?

- Regions within Northern Europe (Russia)
- International development and world issues (Ukraine conflict)
- Major cities in Russia

Year 8  
Topic 5

### HOW DO GLACIERS IMPACT HUMANS?

- Exploring the UK landscape, OS map skills
- Erosional and transportational processes
- Previously glaciated landscapes
- Ice age to the present (geological timeline)

Year 8  
Topic 3

### WHAT ARE THE THREATS TO THE BIOSPHERE?

- Place knowledge (Africa & China biodiversity hotspots) – ecological similarities & differences
- Hot and cold desert environments
- Interpreting choropleth maps

Year 8  
Topic 1

### WHY ARE NATURAL HAZARDS DANGEROUS?

- Spatial awareness and scale, locational skills
- Physical processes influencing human landscapes e.g. Montserrat, 1995 volcanic eruption (decision making exercise)

Year 7  
Topic 5

### WHAT ARE WORLD ISSUES?

- Global, national and local scale of issues
- Analyse sources, graphs, images, sources
- Place knowledge, Pakistan, India, Indonesia

Year 7  
Topic 3

### WHAT IS GEOGRAPHY?

- Locational knowledge (my local area)
- Counties, regions, continents, scale, using globes & atlases
- Weather and climate
- Geological timescale

Year 7  
Topic 1

START