GEOGRAPHY KNOWLEDGE CURRICULUM MAP

FURTHER STUDY
A-level Geography or Environmental Science

CAREER PATHS
Cartographer, Commercial/residential surveyor, Environmental consultant, Geographical information systems officer, Planning and development surveyor, Secondary school teacher, Social researcher, Town planner

SKILLS
Transferable skills lead to a huge variety of job; communication, analytical, and problem-solving skills; and the demonstrated ability to apply knowledge and skills in real-world settings.

INTEREST
A continued passion and love of learning about our world.

YEAR 11

Sustaining Ecosystems
Term 2a/b
- What are ecosystems
- Tropical rainforests – Amazon rainforest
- Rainforest exploitation
- Case studies: Antarctica and Arctic
- Sustainable management – Costa Rica

Resource Reliance
Term 2b
- Demand for resources
- Food security
- Sustainable strategies to achieve food security – case study: Tanzania

Changing Climate
Term 3a
- Climate change evidence
- Natural and human causes of climate change
- Global impacts of climate change

Revision

Assessments

P.P.E. EXAMS

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Global Hazards
Term 1a/b
- Weather extremes
- Weather hazards – UK drought and Typhoon Haiyan
- Tectonic plates
- Tectonic hazards – Nepal Earthquake
- Technology and hazard mitigation

Geographical Exploration
Term 3b
- Synoptic paper
- Skills
- Applying knowledge of components 1 and 2
- Introducing GIS

Fieldwork
- Coastal fieldwork – Thorpe Bay
- Urban fieldwork – Elephant Park
- Unseen fieldwork scenarios

Dynamic Development
Term 3a
- What is development
- Measuring development
- Uneven development
- LIDC case study: Zambia – global connections and development strategies

UK in 21st century
Term 2b
- UK population
- UK economy
- UK's political role within Russia and Ukraine
- UK cultural influence

Assessment 5 · Assessment 4 · Assessment 3

YEAR 10

Development
Term 2a/b
- Global development
- Measuring development
- Comparing development
- Barriers to development in Middle East
- Development in one Middle East country
- Development Goals

Geographical Enquiry
Term 3a
- Introducing fieldwork
- Environmental quality of the local area
- Planning and presenting data
- Analysis and evaluation

Restless Earth
Term 3a/b
- Geology – rock cycle/geological timescales/weathering/soils
- Tectonic plates
- Earthquakes/hotspots/tsunami
- Earthquake case study
- Volcanoes

Urban Futures
Term 1a/b
- Global pattern of urbanisation
- Impacts of rapid urbanisation
- Life in cities
- Case studies – London and Lagos
- Making cities sustainable

Distinctive Landscapes
Term 1b/2a
- What is a landscape
- Physical landscapes in the UK
- Processes that shape landscapes
- Coastal landscapes – Jurassic Coast
- River landscapes – River Tees

Assessment 3 · Assessment 4 · Year 9 Final Assessment · Assessment 2 · Assessment 1

YEAR 9

Asia and Globalisation
Term 1b/2a
- Where/what is Asia - human and physical geography
- Economic activity - job sectors
- Globalisation in the UK and Asia
- Asia's economic growth
- Winners and losers of globalisation

Weather and climate
Term 1a
- What causes the weather
- Types of rainfall
- Air pressure/air masses
- Climate graphs – polar and hot desert
- Tropical storms

Natural Resources
Term 3b
- Water/Soil/Oil
- Renewable energy
- Impact on ecosystems

Urbanisation
Term 3b
- Urbanisation around the world
- Push and pull factors
- Opportunities and challenges of cities
- Sustainable cities

Population
Term 3a
- Global population
- Natural increase and migration
- UK population
- Ageing and youthful populations
- Population policies

Climate change
2b
- Ice age to present
- Global warming
- Greenhouse effect
- Impacts of climate change and glaciation

Assessment 2 · Assessment 1 · Year 8 Final Assessment · Assessment 5 · Assessment 4 · Assessment 3

YEAR 8

Hydrology
Term 2b
- Hydrological cycle
- River Thames
- Parts of a river
- River processes
- River landforms
- Floods
- Flood case study

Map Skills
Term 3a
- OS maps
- Directions
- 4 and 6 figure grid refs
- Scale and distance
- Contour lines
- Time zones
- Longitude and latitude

UK
Term 3b
- UK countries
- Climate
- Population
- Global links/jobs
- Fieldwork – local area enquiry

Ecosystems
Term 1a/b
- Ecosystems and biomes
- Latitude and longitude
- Tropical rainforests
- Human impact
- Using rainforests sustainably

Coasts
Term 1b/2a
- Geological timescales and rock cycle
- Coastal processes and landforms
- Coastal erosion in the UK
- Methods of coastal protection
- Policy decision making

Assessment 3 · Assessment 4 · Year 7 Final Assessment · Assessment 1 · Assessment 2 · Assessment 2

YEAR 7

Kenya
Term 2a
- What is Kenya like
- Climate in Kenya
- Population distribution
- Jobs in Kenya
- Life in Nairobi

Africa
Term 1b
- What countries are in Africa
- History of Africa
- Population distribution
- Climate zones
- Ecosystems

What is Geography
Term 1a
- Types of Geography
- World maps
- Atlas skills
- Key themes - change, impact, inequality

Assessment 2 · Assessment 1 · Baseline assessment

KS2 Geography National Curriculum:

Locational Knowledge:
Human and physical geography of a region of the UK, a region in a European country, and a region within North or South America; Climate zones, biomes, vegetation belts, rivers, mountains, volcanoes, earthquakes, and the water cycle; Settlements, land use, economic activity, trade links, distribution of natural resources including energy, food, minerals and water.

Place Knowledge:
Locating world countries, Europe, Russia, North and South America. Their environmental regions, key physical and human characteristics, countries, and major cities; Counties and cities of the UK, geographical regions, human and physical characteristics, key topographical features (hills, mountains, coasts and rivers), land-use patterns; and changes over time; Latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones.