



YEAR 9 GEOGRAPHY

PLACES | PROCESSES | PEOPLE | A BRIGHTER TOMORROW

Geography helps us understand the world and our place in it.

EXPLORE
QUESTION
THINK
MAKE A DIFFERENCE

9.1

WEATHER AND CLIMATE OF THE UK

Understand how and why the UK's weather and climate vary, and the impacts they have on people, places and the environment.



KEY FACTS

- The UK has a temperate maritime climate influenced by the Atlantic Ocean.
- Weather can change quickly due to moving air masses and the jet stream.
- Relief (land height) affects temperature and rainfall.
- Extreme weather events, such as storms, heatwaves and heavy rain, can cause significant impacts.
- Climate change is influencing the frequency and intensity of extreme weather in the UK.

Same country.
Different weather.
A changing climate.

9.2

OUR PHYSICAL WORLD

Explore the amazing natural processes and landscapes that shape our planet, from tectonic hazards to weathering, erosion and the rock cycle.



TECTONIC PROCESSES

ROCKS AND SOILS

WEATHERING AND EROSION

KEY FACTS

- The Earth's structure includes the crust, mantle and core.
- Tectonic plate movement causes earthquakes, volcanic eruptions and mountain building.
- Rocks are formed through igneous, sedimentary and metamorphic processes.
- Weathering, erosion, transportation and deposition shape landscapes such as mountains, valleys and deserts.
- Natural processes create a diverse and dynamic physical world.

Dynamic Earth.
Extraordinary landscapes.

9.3

OUR UNEQUAL WORLD

Investigate the contrasts in development across the world, why inequalities exist, and how geography can help create a fairer, more inclusive future.



KEY FACTS

- Development is more than wealth, including health, education and quality of life.
- There are global inequalities between and within countries.
- Factors such as history, trade, politics and access to resources influence development.
- There are opportunities to reduce inequality, such as fair trade, sustainable development and international aid.
- A fairer world is possible through informed choices and global cooperation.



9.4

RIVER LANDSCAPES AND FLOODING

Explore how rivers shape landscapes, the causes and impacts of flooding, and how it can be managed.



KEY FACTS

- Rivers shape landscapes through erosion, transportation and deposition.
- Rivers create distinctive landforms such as valleys, waterfalls, gorges and floodplains.
- Flooding can be caused by physical and human factors, including heavy rainfall, impermeable surfaces and deforestation.
- Flooding can have social, economic and environmental impacts.
- There are a range of hard and soft engineering strategies to manage flood risk.

Rivers shape our world.
People can live with risk.

9.5

COASTAL LANDSCAPES AND MANAGEMENT

Investigate how coastal landscapes are formed, the challenges they face, and how they can be managed sustainably.



KEY FACTS

- Waves, tides and weathering shape coastal landscapes.
- Distinctive landforms include cliffs, beaches, bays, headlands and spits.
- Coasts are dynamic and constantly changing.
- Human activity and sea level rise increase the risk of coastal erosion and flooding.
- There are a range of management strategies, including hard engineering, soft engineering and managed retreat.

Resilient coasts.
Sustainable futures.

SMALL ACTIONS.
BIG DIFFERENCES