



Year 9 Curriculum intent

Being a global citizen means you contribute positively to the local and global community. You will be aware of the importance of interacting with our planet to meet the needs of today, without compromising the needs of those in the future.

Year 9 Curriculum Overview

Topic 1	Topic 2	Topic 3	Topic 4
The Middle East	Plate Tectonics	21 st Century Issues and Challenges	Coasts

Key Question

What is the Middle East really like?	What are the challenges of living on a planet's surface that is constantly moving?	What are the main issues and challenges we face in the 21st Century?	Coasts
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Key Vocabulary

• Crude Oil • Desalination • Fossil fuel • Sports washing • Sustainable • Tourism • Transcontinental • Water deficit • Water security • Water stress	• Collision plate boundary • Conservative plate boundary • Constructive plate boundary • Continental drift • Convection currents • Destructive plate boundary • Earthquake • Subduction • Tsunami • Volcano	• Energy consumption • Energy mix • Fast fashion • Gyres • NATO (North Atlantic Treaty Organisation) • Pandemic • Pipeline Politics • Superpower • Sweatshop • Western Threat	• Abrasion • Attrition • Constructive waves • Destructive waves • Hydraulic Action • Longshore Drift • Saltation • Solution • Suspension • Traction
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The knowledge you will need to recall:

How you will apply this knowledge:

This links to:

1

The Middle East

You will learn about:

- The location of the Middle East and the key biomes found within it.
- How the population distribution of the region is affected by the landscape.
- The use of oil to support the development of the region and the conflicts that arise from this.
- Israel and Palestine conflict.
- How tourism has developed within a desert biome.
- The investment being made into the development of sustainable cities.

The key concept focus for this unit is human interactions. Students will apply their knowledge by:

- Explaining how the desert biome is created and the analysing the impacts this may have on the region.
- Explain why the population distribution in the Middle East is not even.
- Assess the impacts of the water conflict in the Middle East.
- Assess the extent to which the region can achieve sustainability when it comes to energy and the economy.

This unit of work continues to build upon the units of Where is Gateshead, Asia, and Africa which all have a focus on mastering knowledge of the location of places around the world. It also looks in greater detail at the desert biome which is linked to the ecosystems unit in year 8. When looking at water in the Middle East there are links to weather and climate studied in Year 7.

2

Plate tectonics

You will learn about:

- Structure of the Earth and the role of plate boundaries in the crust
- How a country's level of development can influence their vulnerability
- Where volcanoes occur and how they differ in their formation
- Risks presented by earthquakes depending on level of development

The key concept focus for this unit is physical processes. Students will apply their knowledge by:

- Describing the different layers of the earth.
- Explaining how convection current in the mantle are responsible for moving tectonic plates leading to disasters such as earthquakes, volcanoes and tsunamis.
- Assess how levels of development impact upon the damage caused by natural disasters.
- Analysing the methods used to protect and prevent damage from natural disasters.

You will build on your knowledge of development to understand that all regions experiencing tectonic hazards aren't explicitly vulnerable to natural disasters, but their level of development makes it worse. For example, inequalities in access to education, housing, healthcare, and income (measured by HDI) is the root cause of hazards, as it influences vulnerability and resilience.

3

21st Century Issues and Challenges

You will learn about:

- Climate change and its impacts on a local, national and global scale.
- Increasing ocean pollution and the impacts it has.
- Use of non-renewable and renewable resources.
- The conflict in Russia and Ukraine and its impacts in the UK.
- COVID 19 and the impacts of a global pandemic..
- How poverty in Africa and conflict in Syria is leading to a potential migration crisis.

The key concept focus for this unit is both human interactions and physical processes. Students will apply their knowledge by:

- Analysing the causes and assessing the impacts of climate change.
- Explaining the causes of ocean pollution and assessing its impacts.
- Analysing the conflicts in Ukraine and its impacts on the energy market in the UK.
- Explaining how the spread of COVID 19 lead to the world's latest pandemic.
- Assess how poverty can force people to migrate to other countries and the impacts this can have both on the host country as well as the country of origin.

Students will build upon their understanding of the Middle East and Africa when looking at poverty and migration. They will also further their understanding of conflict developed during the Middle East unit when investigating the impacts of the Russia and Ukraine war. They will also further their understanding of weather and climate where the climate change sections builds upon their previous unit in Year 7 of weather and climate.

4

Coasts

You will learn about:

- Factors influencing the characteristics of waves
- How marine and sub-aerial processes affect the shape of a coastline Influence on landforms of rock type, structure & physical processes.
- Formation of spits and other depositional landforms
- Engineering strategies used to protect the UK's coastline

The key concept focus for this unit is physical processes. Students will apply their knowledge by:

- Explaining how different physical processes erode and weather the coastline.
- Explaining how physical processes transport material along the coast.
- Explaining how erosional and depositional landforms are created at the coast.
- Analysing how different factors can lead to increased rates of coastal erosion.
- Assessing the different methods of coastal defence including hard and soft engineering.
- Analysing a coastal landform in the UK and investigating the human impacts on it.

Students will continue to build on their knowledge of physical processes which were investigated during the units of Shaping of the UK unit in Year 7 and during the Rivers unit in Year 8. The unit also builds upon the knowledge mastered during the weather and climate unit studied in Year 7. The focus on changing weather conditions during the weathering processes as well as the role of low pressure in the formation storm surges.