

Topography

‘How does Topography influence climate?’

Academic Excellence

We will learn the knowledge on the ‘recall page’ and we will be mastering the following skills:

- I can describe the topography of an area
- I can explain the impact that topography has on the climate of different regions of the UK.

Character

What value am I focusing on and how will I demonstrate it?

Independence

I know how and when and where I learn best

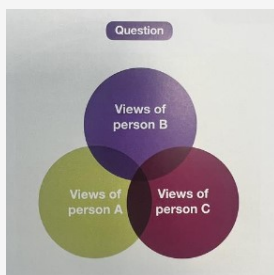
Outcome– How will our learning be used in real life?

To be able to reflect on my learning experience.

Learning to Learn

Our focus thinking tool is:

Smart Targets



Personalisation

What will help me in this experience?

- Purposeful recording of steps to remember and organise information
- Thinking tools that work best for me.
- Resources and tools in the class-room that support my learning

Rights Respecting

Article 13: The right to find out things and share what you think with others, by talking, drawing, writing.

Article 29: The right to develop your talents and abilities

Concept

Natural Phenomenon

I understand that climate is influenced by the phenomenon of topography

Recall Page

Vocabulary

topography	the arrangement of the natural and artificial physical features of an area.
Influenced	the capacity to have an effect on the character, development, or behaviour of someone or something, or the effect itself.
Climate	the weather conditions prevailing in an area in general or over a long period.
region	an area, especially part of a country or the world having definable characteristics but not always fixed boundaries.
Bodies of water	any significant accumulation of water on the surface of Earth
mountain	a large natural elevation of the earth's surface rising abruptly from the surrounding level; a large steep hill.

Knowledge

I will need to know:

- What topography is
- Know that the climate is influenced by topography
- That impact that mountains have on the weather
- The impact that bodies of water have on the weather
- That the climate of different parts of the UK varies and this is due to the topography

Key facts

- The coastline of Great Britain is 17,820 kilometres (11,073 mi) long.
- The United Kingdom (UK) lies between latitudes 49° to 61° N, and longitudes 9° W to 2° E
- Scafell Pike is the highest mountain in the United Kingdom (UK) at 978 metres (3,209 ft)
- The longest river in the United Kingdom (UK) is the River Severn (220 mi, 354 km) which flows through both Wales and England
- Regional climates in the United Kingdom (UK) are influenced by the Atlantic Ocean and latitude.