

Map it out

Key question

How does topography impact us?

Academic Excellence

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

- Describe the topography of an area
- 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?

Citizenship

Compassion, respect, care

- I will show citizenship by making a difference to my local community.
- I will show care towards others and in my work.

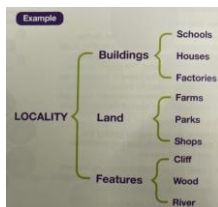
Outcome– How will our learning be used in real life?

We will be creating a topographical map of our local area.

Learning to Learn

Our focus thinking tool is:

Part Whole Map



Personalisation

What will help me in this experience?

- Thinking tools
- Google maps
- Lined paper or laptops

Rights Respecting

Article 24 – the right to a clean and healthy environment.

We will learn more about this right by looking at how we can better respect the environment of our local area.

Concept

Natural Phenomenon

I understand that climate is influenced by the phenomenon of topography.

Recall Page

Knowledge

Topography	Topography is the study of the forms and features of land surfaces.
Phenomenon	An observable event or, quite literally, something that can be seen.
Influenced	A thing or person that has the power to affect another.
Climate	Climate is the average weather conditions in a place over 30 years or more.
Weather	Weather is the way the air and the atmosphere feels. It includes the outside temperature, strength of the wind, and whether it is raining, sunny, hailing, snowing, sleeting, foggy, or cloudy.
Map	A map is a drawing of all or part of Earth's surface.

I will need to know:

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

Key facts

What does topography mean?	Topography is the study of shape and features on the surface of the Earth. These features typically include natural formations such as mountains, rivers, lakes, and valleys, forests, glaciers etc. Manmade features such as roads, dams, and cities may also be included.
Where does the word topography originate from?	Topography is a combination of two Greek words 'topos' meaning 'place' and 'graphein' meaning 'to write.'
The UK climate	The UK is in a temperate climate zone, which means that there are four seasons.
The UK climate	The climate of the UK is mainly influenced by: <ul style="list-style-type: none">• ocean currents of different temperatures• cold air travelling from the polar regions• western wind that brings moisture.

Expert example



Take-Home Task

Can you find out some interesting information about our local area? Create a short presentation, mind map or even a report to share with others to tell them about Four Elms.

How can you help at home?

Can you find out more about the local weather? Climate? Area? Explore the area around the school, are there any hills, rivers or ponds?

Where can you find the outcome from our previous experience?

Our Stone's Throw Away outcome can be seen on our class page on the school website

For details of the discrete teaching, please see the yearly overviews on the school website.