

Year 6: Spring 2 Why do Mountains Matter?

Previous learning: Previously pupils have explored the Equator, Northern Hemisphere and Southern Hemisphere. The pupils have explored the impact of the weather on the physical environment previously this year and through their unit of natural disasters in the Summer terms. In previous year groups, the pupils have explored different biomes. In this unit, they will further develop their understanding exploring the plants and wildlife found in mountain regions and how these vary depending on the location of the mountain range.

Sticky Knowledge

1. Mountains are formed when tectonic plates push against each other and push the land up which forms a mountain range.
2. Elevation is used to measure how high a mountain or a hill is in relation to sea level
3. A mountain range is a short line of mountain peaks linked together by continuous highlands.
4. As you climb higher up a mountain, the temperature drops because the air near the top of a mountain is always below freezing.

Disciplinary knowledge

1. To use OS maps to locate hills and mountains.
2. Use grid references, lines of latitude and longitude, contour lines and symbols in maps and on globes to understand and record the geography of an area.
3. To sketch contour lines.

Week 1

Making paper mache mountains, researching different mountains and doing steps as if to climb one

To say what a mountain is.

To create a mountain range and label the features.

Week 2

How mountains are formed and mountain ranges.

To say what the difference is between a mountain and a hill.

To sketch the contour line of a mountain range.

Week 3	Locating and interpreting mountains on a map. Lake District.	
	To name a mountain or mountain range and say where they are located.	To locate mountains on an atlas and on a globe, and plot their position on a world map and name their location.
Week 4	Sketching and labelling diagrams of a mountain landscape. Comparison of Hull and Lake district human and physical features.	
	To say a fact about a specific mountain and the environment.	To sketch a mountain landscape and label my diagram.
Week 5	Altitude and how weather affects how a mountain is formed	
	To say what I can see in an image of a mountain and the impact the weather has had.	To interpret images of different mountains and mountain ranges and locate them on a world map.
Week 6	DT/Art - design and make a meal for an explorer	
	To design and make a healthy meal.	To use the basic principles of a healthy and varied diet to prepare a healthy meal.