
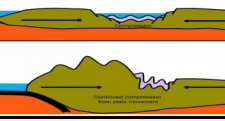
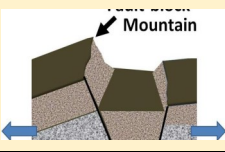

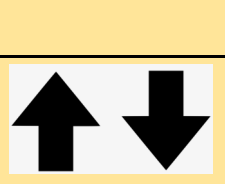
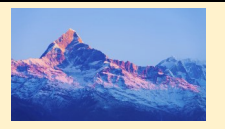
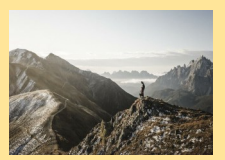
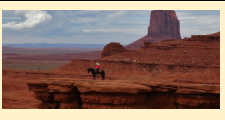


Knowledge Organiser

How are mountains formed and what are their features?

Vocabulary

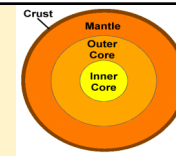
	tectonic plate	The Earth's outer shell is divided into large slabs of solid rock, called tectonic plates and these glide over Earth's mantle. They are the rocky inner layer above Earth's core.
	fold mountain	Fold mountains are created where two or more of Earth's tectonic plates are pushed together.
	fault block mountain	Fault-block mountains are formed along faults where some large blocks of rock are forced upwards while others are forced down.
	dome mountain	When a large amount of magma pushes up from below the earth's crust but it never reaches the surface. Before its eruption, the source of magma disappears and the pushed up rock takes a dome shape.
	ascent and descent	Ascent always relates to the act of going upward. Its opposite (or antonym) is descent, which refers to the act of going downward.
	peak and summit	The word peak refers to the highest point of a mountain. The peak is also known as the summit .
	ridge	A ridge or a mountain ridge is a geographical feature consisting of a chain of mountains or hills that form a continuous elevated crest (top line of a mountain).
	plateau	A plateau is a flat, landform that rises sharply above the surrounding area on at least one side.

Further Reading

<https://kids.britannica.com/kids/article/mountain/346179>

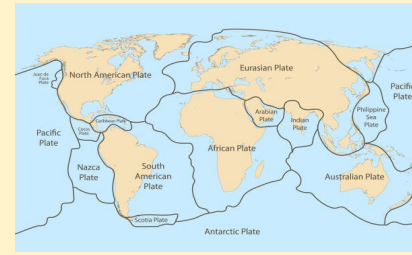
Earth's Structure

Crust: Earth's thin shell made of solid rocks and minerals



Mantle: the thick layer of hot, solid rock between the Earth's crust and the molten iron core (very hot, very dense).

The Earth's outer shell is divided into large slabs of solid rock, called **tectonic**

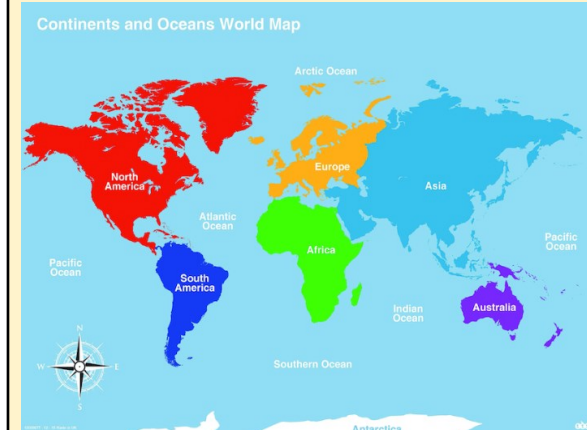


Mountains of Great Britain

The tallest peaks in the Great Britain are:

Ben Nevis  Height: 4413 ft. Trekking Distance: 9 Miles	Scafell Pike  Height: 3209 ft. Trekking Distance: 6 Miles	Snowdon  Height: 3560 ft. Trekking Distance: 7 Miles
		

Highest Peaks on the 7 Continents



The continent of Australia can also be known as **Australasia** or **Oceania**.

Mountain Ranges

The world's highest land based mountain is Mount Everest and is part of **The Himalayas** mountain range. It is located in a country called Nepal. **Sir Edmund Hillary** and **Tenzing Norgay** were the first people to climb up to the summit of Mount Everest in 1953.

The Alps mountain range is in Europe and is spread over 8 countries! **Mount Blanc** is the highest peak.



GLUE ME

Assessment

	Working Towards	At Expected	Above Expected
Can use geographical vocabulary related to this unit of work.			
Can give a simple description of different mountain formations and how mountains are formed.			
Can name and locate some of the world's largest mountain ranges and tallest peaks.			
Can discuss some of the similarities and differences of a mountainous (The Alps) and non-mountainous region of the UK.			

QUESTIONS TO DEEPEN YOUR LEARNING

Character	Critical Thinking	Creativity	Communication	Citizenship	Collaboration
What personal characteristics would you need to climb the tallest peaks in the world?	Does knowing the religious beliefs of the Tibetan people change your view of climbing on Mount Everest? Explain view.	If Mount Everest could talk, what do you think it would tell us? Can you turn this into a poem?	Re-write a news story about the climbing of Mount Everest so that Tenzing Norgay is given more equal credit.	<i>2/3 of all glaciers on the Tibetan Plateau are estimated to be gone by 2050.</i> What is Tibet and other countries are doing to prevent this.	With a partner, list all the collaboration skills required to climb one of the tallest peaks in the world, including travel and rest.