

Knowledge Organiser: Misty Mountain

Subject Specific Vocabulary

Altitude	The height of an object or point above sea level
Climate	The usual weather patterns of a place
coordinate	A point on a grid has two numbers to identify its position. These numbers are known as coordinates. Coordinates are always written as the number of steps across first, then the number of steps up or down.
Contour line	Lines drawn on a map to show the shape of the land. If contour lines are close together, the land is steep. If they are far apart, the ground is flat
crust	The rocky outer layer of the earth.
escarpment	a long, steep slope, especially one at the edge of a plateau or separating areas of land at different heights.
expedition	a journey undertaken by a group of people with a particular purpose, especially that of exploration, research, or war.
foothill	a low hill at the base of a mountain or mountain range.
Geology	A geologist is a scientist that studies the surface of the Earth and what it is made of. This branch of science is called geology, which means the study of rocks
Habitat	A habitat is the home of an animal or a plant. Almost every place on Earth—from the hottest desert to the coldest ice pack—is a habitat for some kinds of animals and plants. Most habitats include a community of animals and plants along with water, oxygen, soil or sand, and rocks
Lowland area	An area of land that is usually flat and is not very high about sea level.
Magma	Hot molten rock found in the earth's mantle.
Mountain	a mountain is 'higher and steeper than a hill'. A mountain is a landform that rises high above the surrounding terrain in a limited area. They are higher than 600 metres. Those less than 600 metres are called hills.
Mountain-eering	is a sport where people climb mountains. It may involve hiking, scrambling, rock climbing, as well as crossing glaciers.

Sticky knowledge

A mountain is a large, rocky raise part of the Earth's surface that is much higher than a hill. A mountain's highest point is called its peak or summit. Mountains are usually



Mountain formation

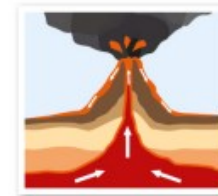
Mountains form over millions of years. They are made when the Earth's tectonic plates push together or move apart. Mountains are also formed when magma underneath the Earth's crust pushes large areas of land upwards. There are six types of mountain.



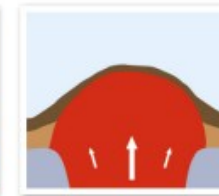
fold mountain



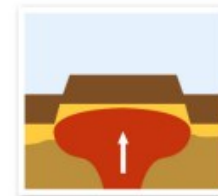
fault-block mountain



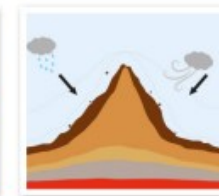
volcanic mountain



dome mountain

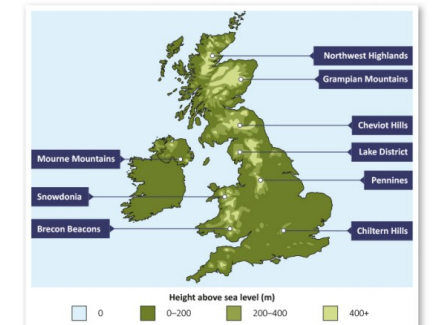


plateau mountain



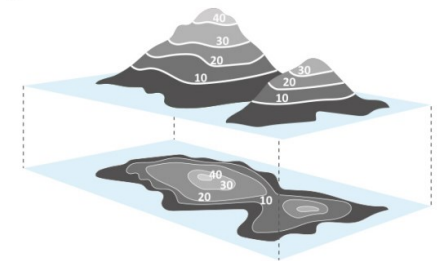
erosional mountain

UK mountain ranges and hills



Contour lines

Contour lines are drawn on a map to show the shape of the land. Contour lines join together points at the same height above sea level. The height is shown in metres, at 5 or 10m intervals. If contour lines are close together, it means the ground is steep. If they are far apart, the ground is flat.



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Mountain range	a series of mountains that are connected together generally to form a long line of mountains. Large mountain ranges may be made up of smaller mountain ranges called subranges
orienteering	a sport where people run around a place with instructions on a map
outcrop	a large rock or group of rocks that sticks out of the ground.
peak	the pointed top of a hill or mountain.
plateau	a raised area of land that is flat on top of a mountain.
Sea level	a term used to describe what the height of the ocean usually is .
scree	a collection of broken rock fragments at the base of crags, mountain cliffs, volcanoes or valley shoulders
sierra	a range of mountains especially with jagged peaks .
summit	The highest point of a mountain.
Tectonic plate	A large moving piece of rock that makes up the earth's crust.
terrain	the features of the surface of a piece of land
Upland area	Land that is high about sea level.
valley	a long depression, or ditch, in Earth's surface. It usually lies between ranges of hills or mountains



Mountains Around the World

Name	Range	Continent	Height
Mount Everest	Himalayas	Asia	8848 m
K2	Karakoram	Asia	8611m
Aconcagua	Andes	South America	6962m
Mount Kilimanjaro	Eastern Rift	Africa	5895m
Mount Kenya	Eastern Rift	Africa	5199m
Mount Ararat	Armenian Highlands	Europe	5137m
Mount Olympus	Olympus	Europe	2917 m
Mount Kosciuszko	Snowy mountains	Australia	2228m
Ben Nevis	Grampian mountains	Europe	1345m

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