



Misty Mountains

Geography

UK Mountain Ranges

- Snowdonia
- Pennines
- Lake District
- Grampian Mountains
- Scottish Highlands

Mountain Ranges Around The World

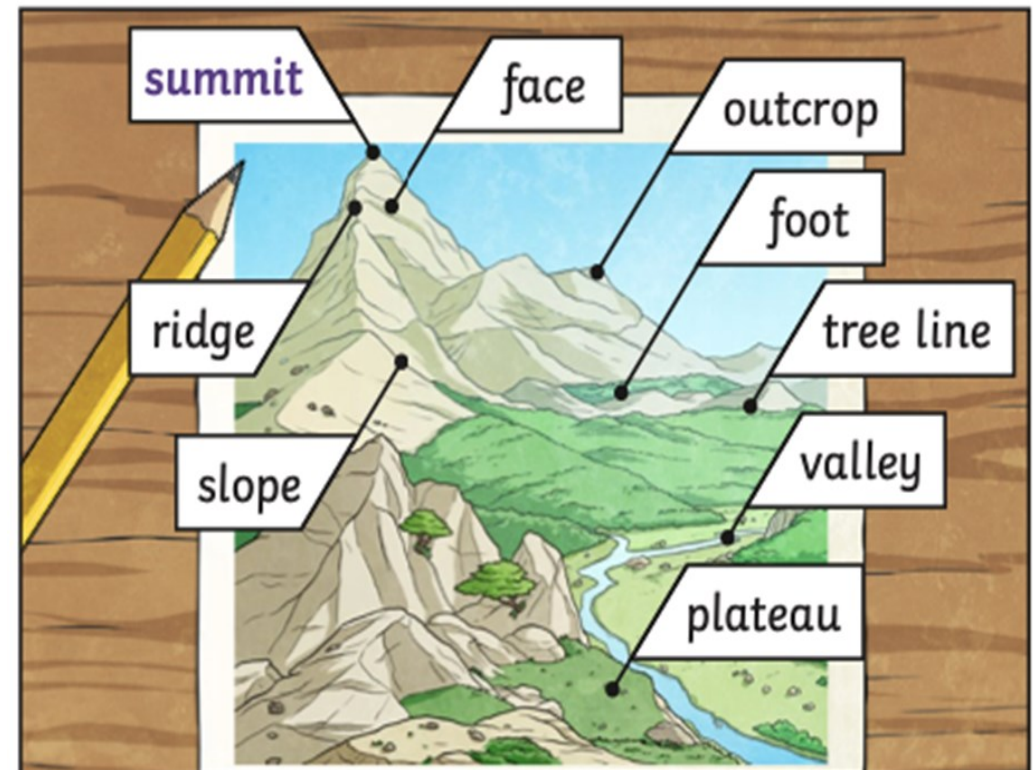
- Himalayas
- Andes
- Olympus
- Snowy Mountains
 - Alps



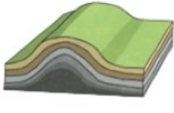
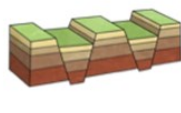

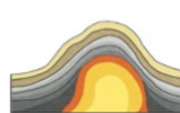






Himalayas mountain range

What is a Mountain?

A mountain is a large, raised part of the Earth's surface. A mountain range is a chain of mountains that are close together.



How Are Mountains Made?

Fold mountains	Fault-block mountains	Volcanic mountains	Dome mountains	Plateau mountains
Tectonic plates collide and rock is pushed up.	Cracks in the earth's surface open up, some chunks of rock are pushed up, some down.	Formed around volcanoes and made of layers of ash and cooled lava .	Formed when magma is forced upwards but doesn't ever flow out of the crust .	Materials taken away through erosion leave deep valleys or gorges next to high cliffs.
				
				

Altitudinal Zones

In mountainous areas, there are large differences in altitude. These differences mean that the climate, landscape and oxygen levels at the bottom of a mountain can be very different from those at the top.

Glossary

Altitude—The height of an object or point above the sea level.

Crust—Rocky outer layer of the Earth.

Erosion—When something is gradually destroyed.

Gorges— Narrow valley with steep walls.



Lava— Hot, liquefied rock.

Magma—Hot, molten rock found in the Earth's mantle.



Mantle— Underneath the Earth's crust.

Peak— The highest point of a mountain.

Tectonic Plates— Gigantic pieces of the Earth's crust.