

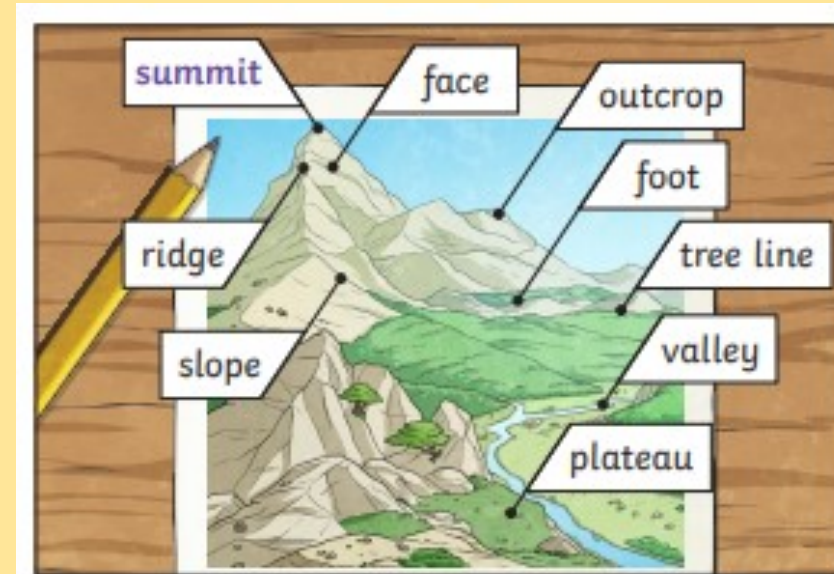
# Big Idea: What makes a mountain?

Vocabulary	Definition
<b>Mountain</b>	Natural part of the landscape with steep slopes and created when land hits different sections.
<b>Mountain range</b>	A mountain range or hill range is a series of mountains or hills ranged in a line and connected by high ground .
<b>Summit</b>	The highest point of a mountain.
<b>Tectonic plates</b>	Pieces of the earth's crust connected together.
<b>altitude</b>	The height above sea level.
<b>ridge</b>	A long, narrow hilltop, mountain range, or watershed.
<b>valley</b>	A low area of land between hills or mountains, typically with a river or stream flowing through it.
<b>plateau</b>	An area of fairly level high ground.
<b>Gorges</b>	A narrow valley with steep walls, found between hills or mountains.
<b>Magma</b>	Hot, liquid rock beneath the Earth's surface.
<b>crust</b>	The outermost layer of Earth.
<b>tourism</b>	Tourism is the transfer or movement of people to an area.

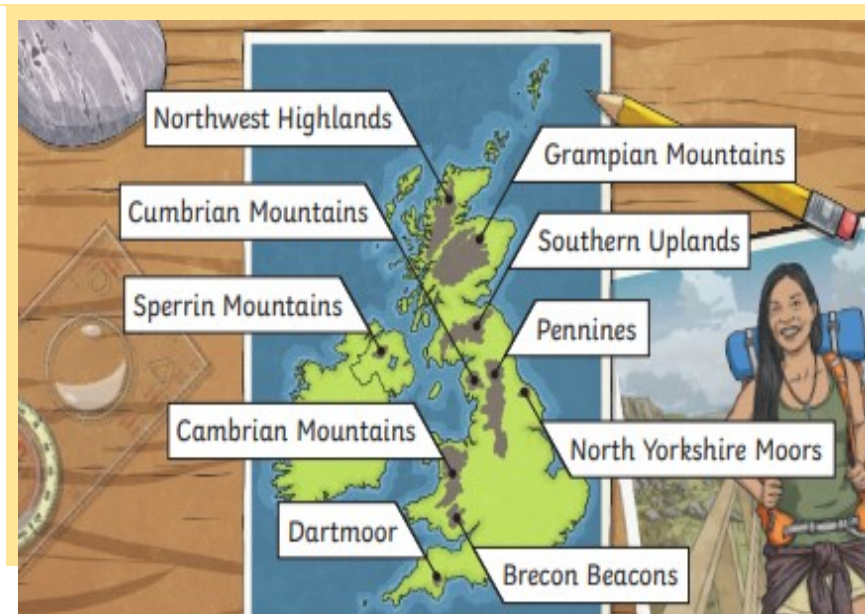
## What makes a mountain? How are they formed?

Mountains are formed when huge areas of land hit each other. The surface of the earth is made up of lots of different sections called tectonic plates.

Mountains can be formed in different ways: when these plates collide or when magma can get from the centre of the earth up to the surface.



## Where do you find mountains?



## What types of mountains can you find?

Fold mountains	Fault-block mountains	Volcanic mountains	Dome mountains	Plateau mountains
<b>Tectonic plates</b> 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 <b>lava</b> .	Formed when <b>magma</b> is forced upwards but doesn't ever flow out of the <b>crust</b> .	Materials taken away through erosion leave deep valleys or <b>gorges</b> next to high cliffs.

## What famous mountains do people visit and why?

### People visit mountains for several reasons:

- To see witness a view.
- Keep fit/healthy and to challenge themselves.
- To ski, climb and take part in active and adventurous sports.
- To take photographs.

### Famous mountains: people choose to visit include:



Mount Ever...  
8,848 m



Mount  
Kilimanjaro  
5,895 m



Mount Fuji  
3,776 m



Ben Nevis  
1,344 m



Snowdon  
1,085 m

## What are some of the positive and negative impacts of tourism?

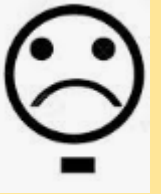


### Positive Impacts

Jobs are created for local people and

More money is given to certain areas.

Money from tourists can help protect the local landscape.



### Negative impacts

Some footpaths can become eroded due to walkers and

Areas can become overcrowded

Air pollution from cars and planes.

Holidays allow people to relax and helps keep traditions alive.