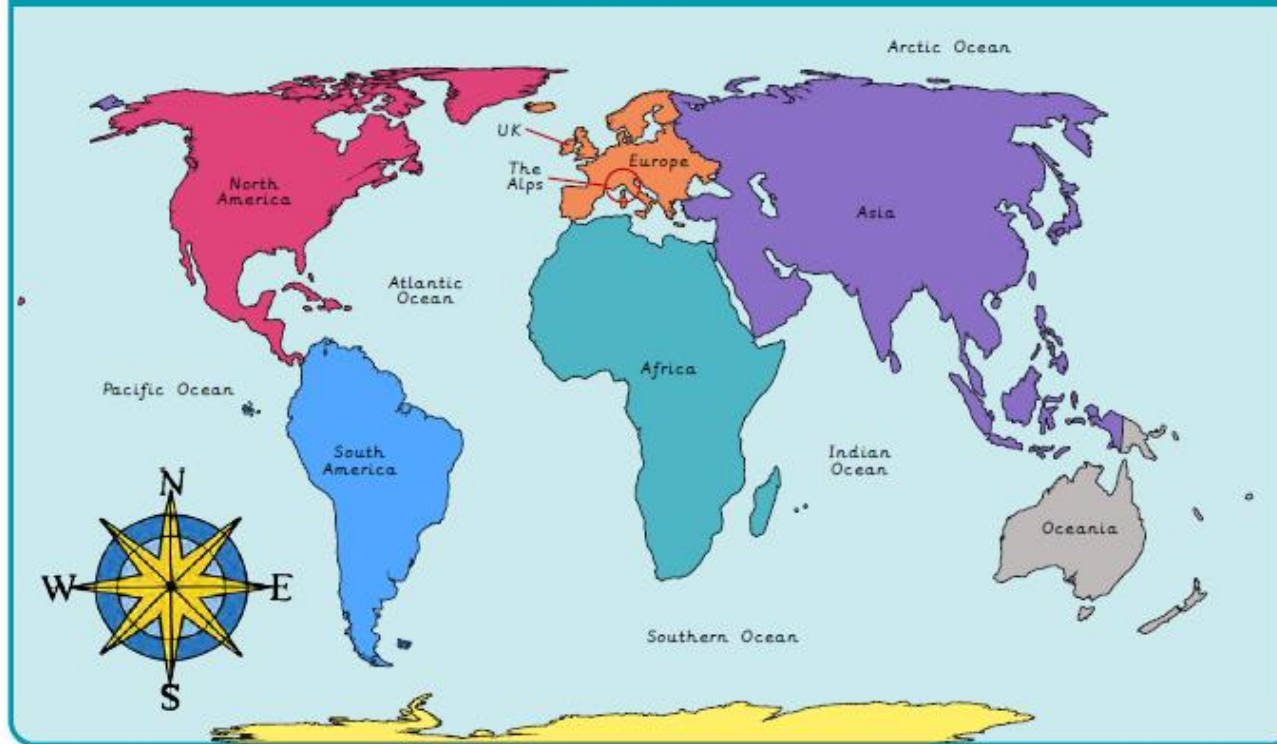


Year 5 Geography

What is life like in the Alps?



World map



Mont Blanc is the highest mountain in the Alps.



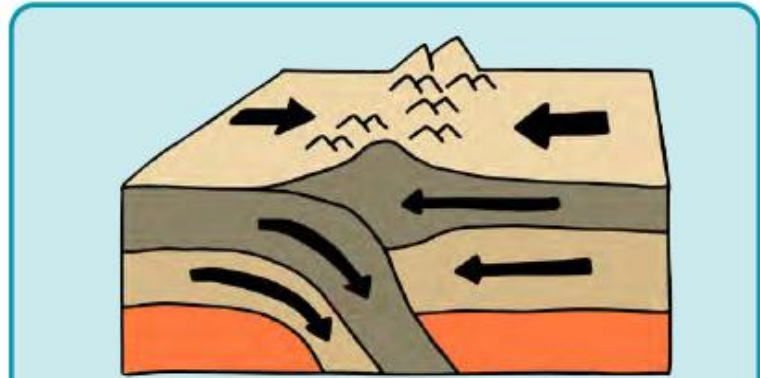
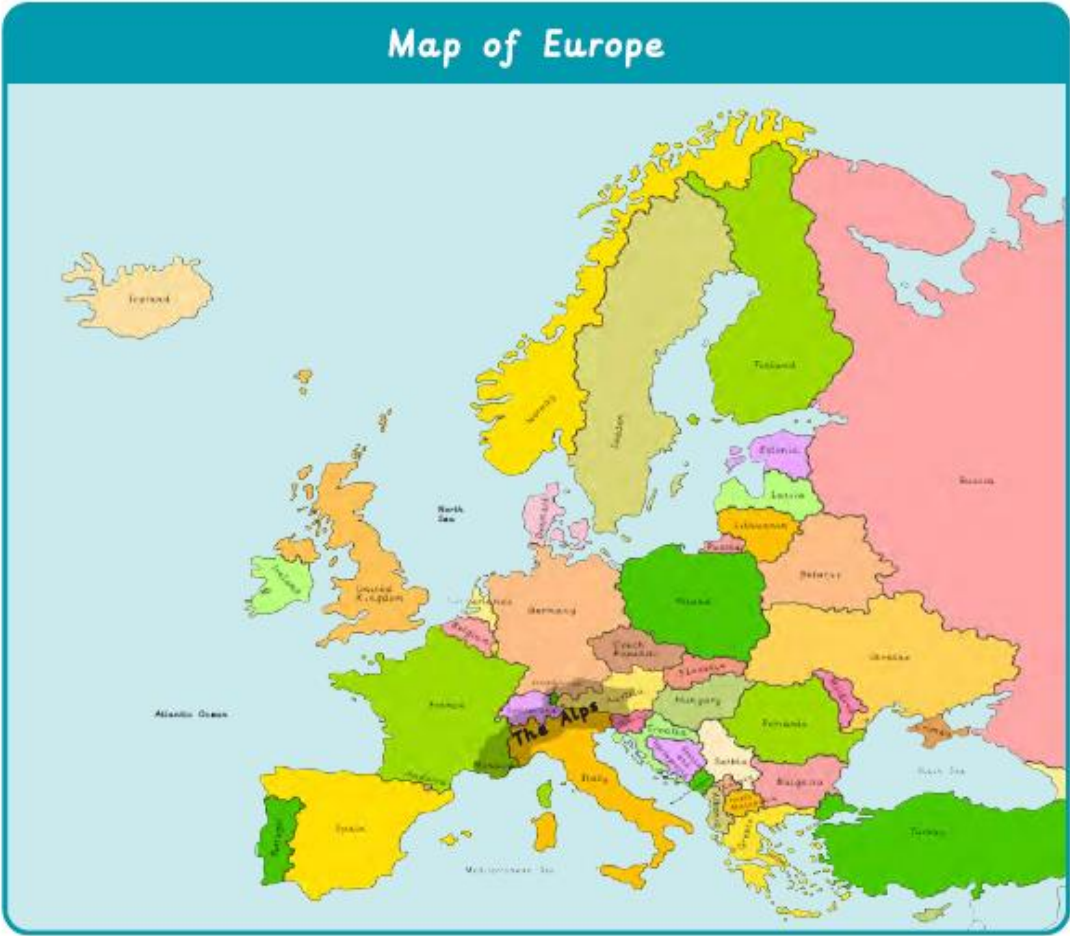
Popular activities in the Alps include skiing, hiking and sightseeing



Climate

Most of the Alps have a mountain climate. It is much colder than the surrounding climate due to the height of the mountains. Lower regions of the Alps have a temperate climate.

What is life like in the Alps?



leisure	The use of free time for enjoyment.
tourist	A person who travels to a place for pleasure.
tourism	Travel for pleasure in which people visit places of interest.

Alpine mountains are fold mountains. They were formed when two tectonic plates pushed together and the ground was forced upwards.



Mountains

KNOWLEDGE ORGANISER



ESSENTIAL MOUNTAINS VOCABULARY

mountain	A large natural mount in the earth's surface. A large, steep hill.
summit	The highest point of a mountain
plateau	A flat part of land high up the mountain
face	The visible side of the mountain
base	The bottom of the mountain
crust	The outer layer of the earth.
mountaineer	A person whose hobby or job involves mountain climbing.
alpine	Relating to high mountains.
altitude	The height of an object in relation to sea level or ground level.
lava	The hot, liquid rock that flows from a volcano.
hypothermia	A condition where the body becomes too cold and can't warm itself back up again.
expedition	A journey undertaken by a group of people with a particular purpose.
avalanche	A mass of snow, ice and rocks falling rapidly down a mountain.
tectonic plate	A large, irregular shape slab of rock forming the surface of the Earth.
magma	Extremely hot liquid and semi-liquid rock below the Earth's crust.

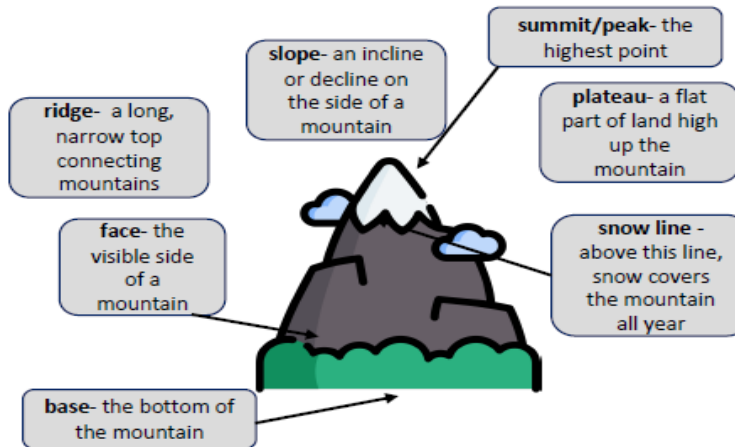
The Highest Mountains in the UK

- Ben Nevis (Scotland)- 1,345 metres.
- Cairn Eige (Scotland)- 1,183 metres.
- Snowdon (Wales)- 1,085 metres.
- Carrauntoohil (Ireland)- 1,039 metres.
- Sgurr Alasdair (Scotland)- 992 metres.



Mountain Ranges

A mountain range is a chain of mountains that are close together. The Himalayas are the highest mountain range in the world.



Different Ways that Mountains are Formed

Plateau mountains	These are formed by the erosion of materials that leaves deep valleys beside high cliffs.
Volcanic mountains	These are formed around volcanoes. They are made from layers of cooled lava and ash.
Fold mountains	These are formed when tectonic plates collide and force slabs of rock upwards.
Fault-block mountains	These are formed when chunks of rock are pushed up or down through cracks in the earth's surface.
Dome mountains	These are formed when magma is forced upwards, without ever flowing out of the crust.

The Climate on Mountains

The climate on mountains becomes colder the higher the altitude gets. They also tend to be wetter than the surrounding flat land.

Weather conditions can change very quickly on mountains, which can make them very dangerous. Storms can roll in quickly and temperatures can drop from warm to below freezing.

MAKING LINKS TO PREVIOUS LEARNING GOLDEN VOCABULARY

Explorer	Explorers take part in expeditions .
Volcanoes	When a volcano erupts, a debris avalanche rushes down its side.
Volcanoes	Both are formed by movement in tectonic plates .
Volcanoes	Volcanoes contain magma .

Mountain Tourism

People visit mountains for lots of reasons, including climbing, hiking, winter sports and photography.

The Highest Mountains in the World

- Mt Everest (Asia) - 8,848 metres.
- Mt Aconcagua (South America) - 6,962 metres.
- Mt McKinley (North America) - 6,140 metres.
- Mt Kilimanjaro (Africa) - 5,895 metres
- Mt Blanc (Europe) - 4,807 metres.



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