

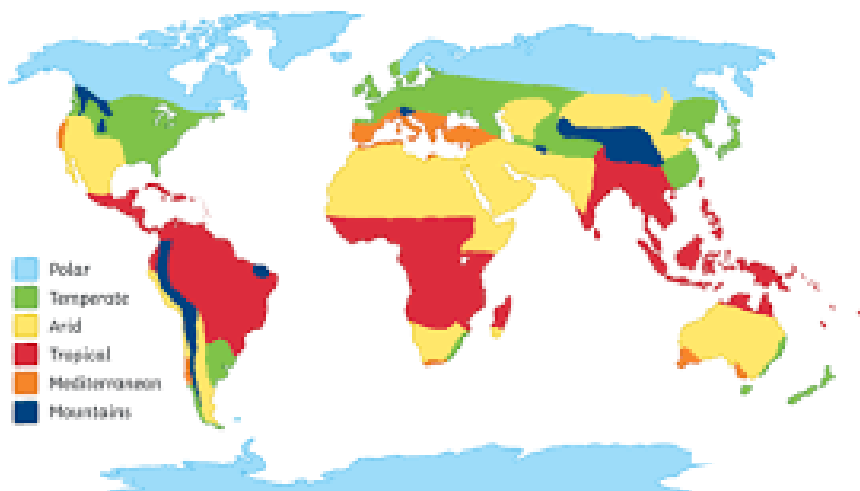
## Important facts

- There are different climates in different parts of the world. These bands of different climates are called climate zones.
- On a globe they mostly follow lines of latitude around the Earth, horizontally.
- The coldest zones are the polar climate zones at the top and bottom of the Earth
- The continental or climate zone has long, cold winters and short, hot summers
- Temperate climate zones have warmer and wetter weather but not extreme. Britain is in a temperate zone.
- Nearer the Equator is the dry or desert climate zones. The hottest places on Earth are in the desert zone and few people live here
- At the Equator is the tropical zone – this has just two seasons – dry and wet.
- The highest mountain on land is Mount Everest, in the Himalaya mountain range
- Mount Kilimanjaro is the highest mountain in Africa and the tallest free-standing mountain in the world (not in a range)
- Mauna Kea is an inactive volcano in Hawaii. Much of it is underwater. If measured all the way from its base to its peak, it is the tallest mountain in the world
- Ben Nevis in Scotland is the tallest mountain in Britain.
- Mountains are made from volcanic or tectonic activity. When tectonic plates move against each other, they can push huge slabs of rock upwards.

## Key Vocabulary

climate	Weather conditions that are typical of a place
Climate change	Rise in the Earth's temperature partly due to human activity.
Climate zone	Band of a particular climate going around the world
Equator	An imaginary line that goes horizontally around the middle (fattest) part of the Earth
horizontal	Goes from side to side
inactive	A volcano that does not erupt any more
Lines of latitude	Imaginary lines that run horizontally around the Earth, above and below the Equator
mountain	Large landform that rises above the surrounding land.
peak	Top of a mountain
polar	Near North and South poles
Mountain range	A group of mountains
Tectonic plates	Plates of rock that cover the Earth below the ground.
vegetation	Plants, trees, flowers
volcano	Mountain made from solidified lava and ash that have broken through the Earth's crust in an eruption

Climate zones of the world



Mount Kilimanjaro



The Himalayas

