

Frogwell School Year 3 Knowledge Organiser Term 2

Why are jungles so wet and deserts so dry?

What is the difference?

| | |
|----------------|--|
| Weather | The day-to-day conditions of a particular place. |
| Climate | The common, average weather conditions of a particular place over a longer period of time. |

There are 6 different Climate Zones in the world:

Polar – very cold climate near the North and South poles.

Temperate – changeable climate.

Arid – very dry climate.

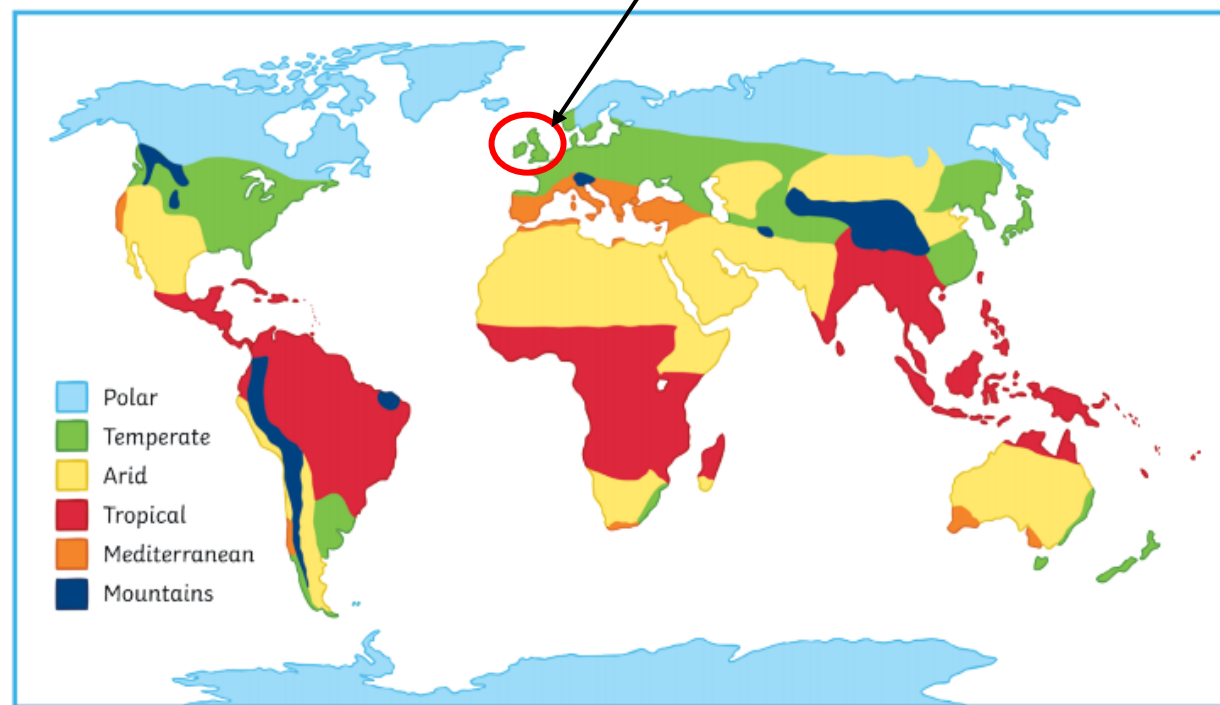
Tropical – warm, wet climate.

Mediterranean – dry, hot summers and winters that are cool with moderate or high rainfall.

Mountains – colder and wetter climates the higher up the mountain you go.

The **United Kingdom (UK)** has a temperate climate. In general, this means that **Britain** gets cool, wet winters and warm, wet summers.

World Climate Zones



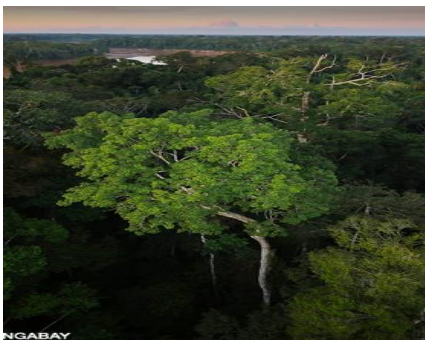
There are different biomes in the world which have a certain climate and certain types of living things. The main biomes are tundra, forests, grasslands, and deserts.

The **Flora** (plants) and **Fauna** (animals) of each biome have adapted to survive in the biome that they live. Each biome has many ecosystems within it.



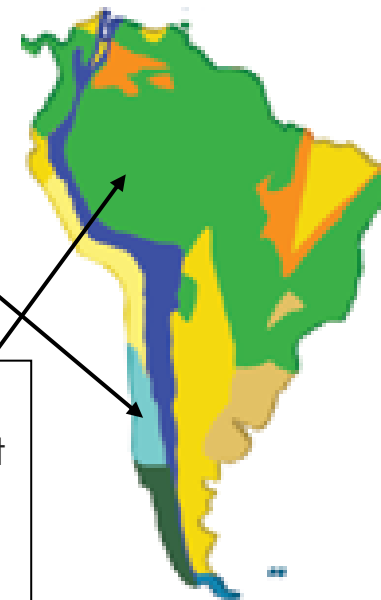
The Atacama – located in Chile in South America

- It is the driest hot desert in the world
- Animals and plants have adapted to be able to live in a range of temperatures and without water.
- The port city of **Arica** is the driest inhabited place in the world.



The Amazon Rainforest – located in South America.

- It has a hot and wet tropical climate. It receives a huge amount of rainfall every year.
- Animals and plants have adapted to live in dense Rainforests.
- The **River Amazon** that flows through it is one of the world's greatest rivers.



KEY VOCABULARY TO LEARN

| | | | |
|------------------------|--|-------------------|--|
| Biomes | Geographical area defined by its climate, plant and animal life and the activities of the people who live there. | Desert | Area where there is very little rain, extreme heat or cold. Not many animals and plant life can survive. |
| Vegetation belt | Area where similar types of plant life grow, adapted to the conditions there. | Rainforest | Area found in warm places, which are full of many tall trees and leafy plants. It's called ' rainforest ' because it also gets a lot of rain every year, helping all the plants grow. |
| Rainfall | Measured level of water that has fallen as rain, snow, sleet or hail in a given period. | Tropics | The Tropic of Cancer is the most northern latitude on the Earth where the sun can appear directly overhead. The Tropic of Capricorn is the most southern latitude on the Earth where the sun can appear directly overhead. |
| Temperature | Measured level of heat or cold in the air. | Equator | This is an imaginary line that goes around the centre of the Earth half way between the North and South Poles. |

