

# Frogwell School Year 3 Knowledge Organiser Term 3

## 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.

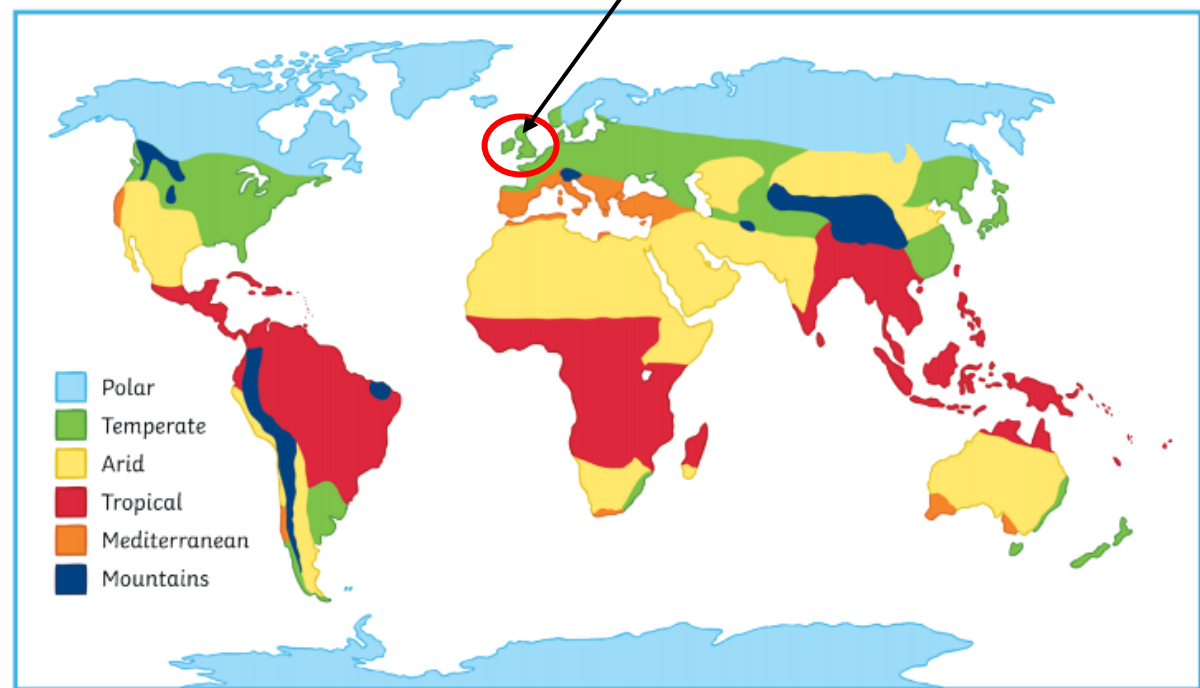
**Tropical** - warm, wet climate.

**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



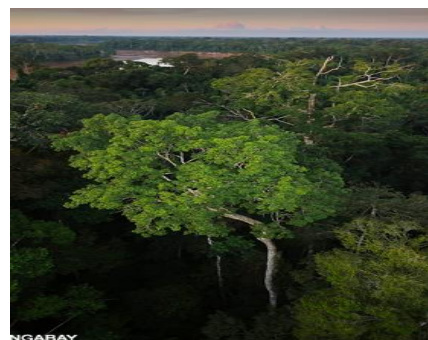
There are different biomes in the world which have a certain climate and certain types of living things. The main biomes are tundra, forests, grasslands, and deserts.

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.



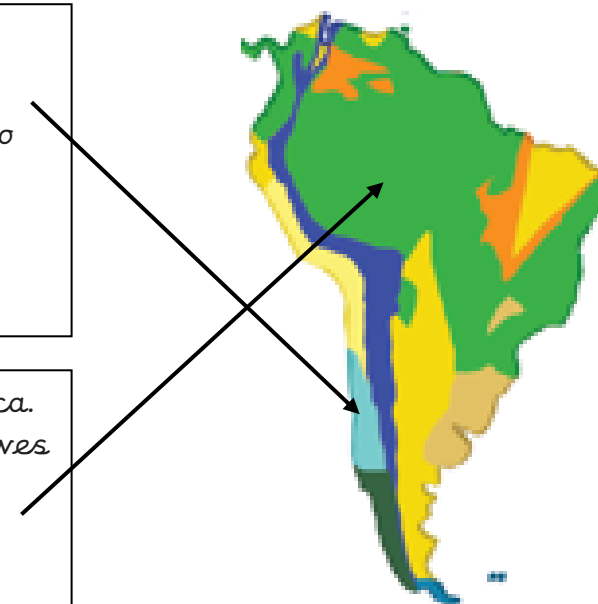
The Atacama - located in Chile in South America

- 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			
<b>Biomes</b>	Geographical area defined by its climate, plant and animal life and the activities of the people who live there.	<b>Desert</b>	Area where there is very little rain, extreme heat or cold. Not many animals and plant life can survive.
<b>Vegetation belt</b>	Area where similar types of plant life grow, adapted to the conditions there.	<b>Rainforest</b>	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.
<b>Rainfall</b>	Measured level of water that has fallen as rain, snow, sleet or hail in a given period.	<b>Tropics</b>	The <b>Tropic of Cancer</b> is the most northern latitude on the Earth where the sun can appear directly overhead. The <b>Tropic of Capricorn</b> is the most southern latitude on the Earth where the sun can appear directly overhead.
<b>Temperature</b>	Measured level of heat or cold in the air.	<b>Equator</b>	This is an imaginary line that goes around the centre of the Earth half way between the North and South Poles.