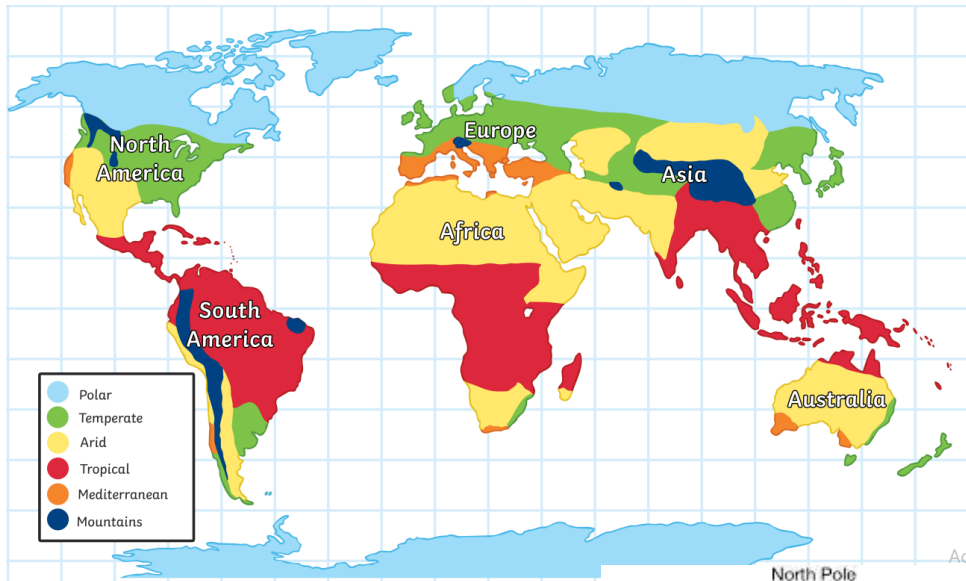




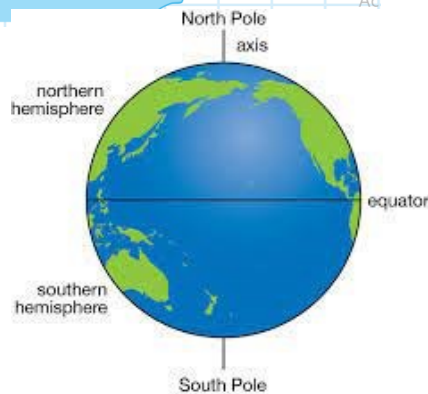
Fragile Earth

Climate Zones

Weather is the day to day temperature and rainfall in a place each day. **Climate** is the average weather condition of a place over a long period of time. Places closer to the Equator usually have hotter climates, and places nearer to the North and South poles have colder climates. The world can be split up into different **climate zones**.

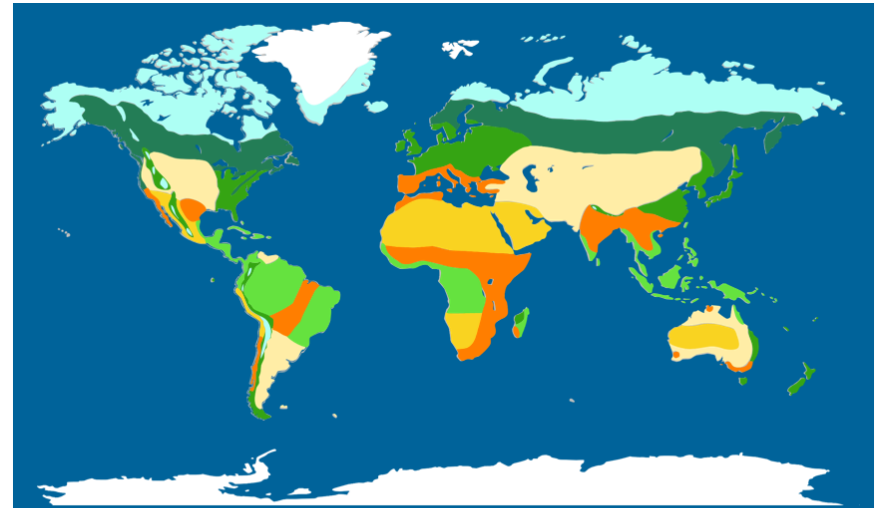


Polar	Very cold and dry all year round
Temperate	Cold winters and mild summers
Arid	Dry and hot all year round
Tropical	Hot and wet all year round
Mediterranean	Dry, hot summers and mild winters
Mountainous	Very cold, sometimes wet, all year



Biomes

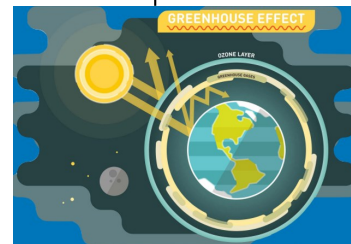
Biomes are groups of plants and animals that live in a particular environment and are usually adapted to the climate of a region. There are many different types of biomes.



Climate Change

The earth has a global climate, which is the average climate around the whole globe. Scientists agree that this climate is getting warmer on average. This is what is known as **climate change**.

One cause of this is humans putting more 'greenhouse gasses' into the atmosphere that surrounds the earth. This traps heat and increases temperatures.



Key Vocabulary

Weather: describes the daily changes that happen to temperature and rainfall.

Climate: is the average weather over a larger area and a longer time than daily weather

Climate zone: areas of the earth that share a climate

Biome: groups of animals and plants that live in a particular environment

Climate change: the warming up of the earth's global temperatures caused by human activity

Atmosphere: a layer of gas that surrounds the earth

Greenhouse effect: the effect of gasses trapping heat and warming up the atmosphere