









Knowledge Organiser

Why are natural places on Earth so different?

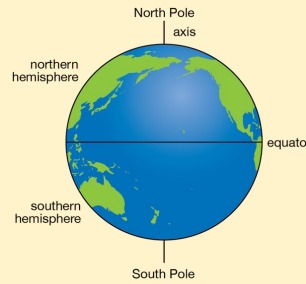
Vocabulary

	season	During a year, changes occur in the weather and these changes are divided into four parts, known as the seasons. The four seasons are winter, spring, summer and autumn.
	climate and weather	Weather is changes in heat, wetness, dryness, cloudiness and wind. Climate is the long-term pattern of weather in an area.
	equator	The Equator is an imaginary line around the middle of the Earth. It is halfway between the North and South Poles, and divides the Earth into the Northern and Southern Hemispheres
	tropics	The tropics are the region of the Earth near to the equator and between the Tropic of Cancer in the Northern Hemisphere and the Tropic of Capricorn in the Southern Hemisphere.
	temperate	Having a mild climate e.g. not too hot, not too cold.
	biomes	A biome is a large region with a certain climate and certain types of living things.
	vegetation belt	This is the plant life within a certain area.
	settlement	A place where people have chosen to live.

Further Reading

<https://kids.britannica.com/kids/article/biome/403913>

Planet Earth

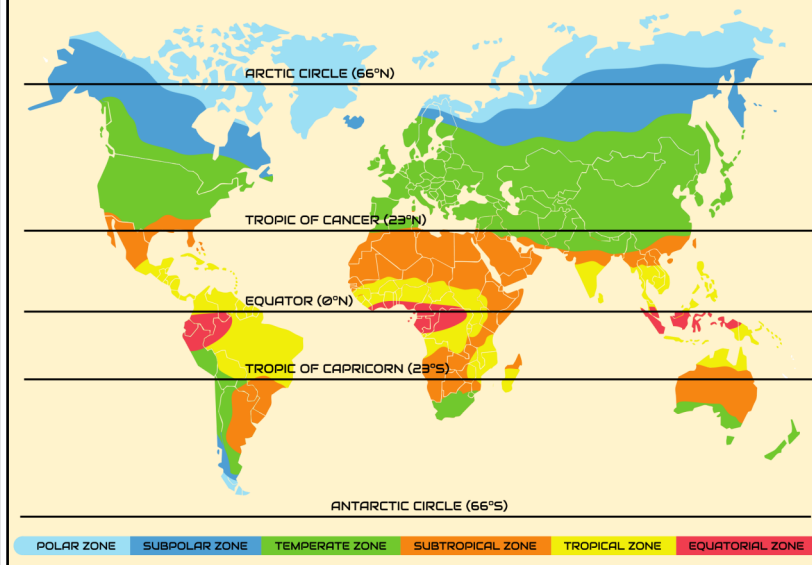


The **Equator**, or line of 0 degrees latitude, divides the Earth into the Northern and Southern hemispheres.

The **Tropic of Cancer** is in the **Northern Hemisphere.**

The **Tropic of Capricorn** is in the **Southern Hemisphere.**

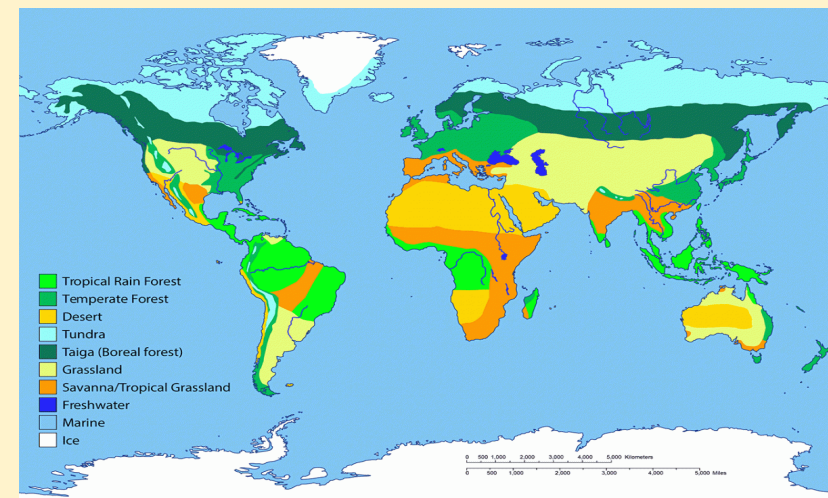
Climate Zones



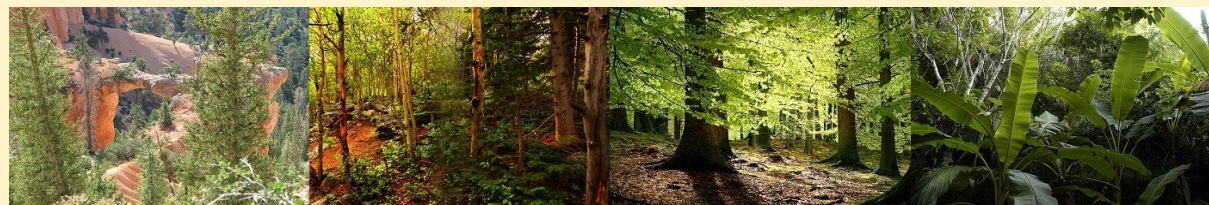
Biomes of the world

Six commonly agreed biomes are:

- (1) forest
- (2) grassland
- (3) freshwater
- (4) marine
- (5) desert
- (6) tundra.



The same classification of biome can still vary greatly. Look at these forests.



Temperate Forest

Deciduous Forest

Deciduous Forest

Tropical Rainforest

GLUE ME

Assessment

	Working Towards	At Expected	Above Expected
Can identify the climate zones of the world and explain their impact on the humans and landscapes.			
Can name six commonly accepted biomes and can explain how they are uniquely different and explain their global distribution.			
Can understand the human impact on biomes and climate and the effect this is having.			

QUESTIONS TO DEEPEN YOUR LEARNING

Character	Critical Thinking	Creativity	Communication	Citizenship	Collaboration
What personal characteristics would you need to live in some of Earth's harshest and wildest places?	Are there areas of the world which are suffering more from climate change more than others? Give examples.	Order biomes from most to least showing which suffers the most impact from climate change. Share some examples of impact.	What method of communication would be best demonstrate the impact of climate change? E.g. verbal, written, visual etc.	As global citizens, what more could be done to prevent climate change? What can be done personally and nationally?	Should countries, other than Brazil, have a say in how the rainforest is managed? Explain your answer