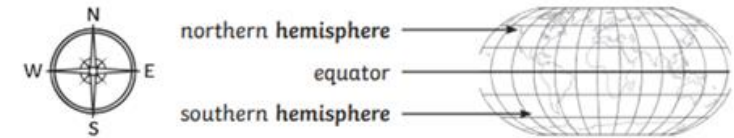




Key Vocabulary

Word	Meaning
Biome	A biome is a large area of land with a particular climate, type of plants and animals. What lives in each biome depends on the temperature, how wet/dry it is and how fertile the soil is. Similar biomes can be found in different continents.
Desert	Deserts cover about a fifth of the planet, they are extremely dry areas, receiving less than 25cm of rainfall a year. The temperatures of a desert can be extreme – hot or cold, depending on the location. The plants and animals have evolved to cope with the harsh conditions.
Forest	Forests are home to a variety of trees and plants. They cover about 30% of the planet. There are different types of forests depending on the location - tropical, temperate, coniferous, boreal, taiga. Forests are important to our ecosystem, they store carbon dioxide and provide many materials we use.
Grassland	Grasslands have a variety of grasses, very few trees, there are two main types – tall-grass (humid and wet) and short-grass (dry). This biome is good for farming due to the rich soil.
Tundra	The coldest of biomes, the short summers bring some plant and wildlife. The animals and plants have adapted to survive in the harsh conditions.
Temperate	Temperate means moderate, or in the middle. The climate in the temperate zone does not have extremes. With mild to warm summers and cool to cold winters.
Tropical	Regions that are hot/warm all year round with high levels of moisture and humidity, found near the equator and are home to a large variety of plants and animals. Most tropical places experience wet and dry seasons.
Aquatic	Linked to living in or near water, this can be salt or fresh water.
Deforestation	Cutting down of forests to use the materials or the land for other uses, such as agriculture or construction.



Longitude and Latitude

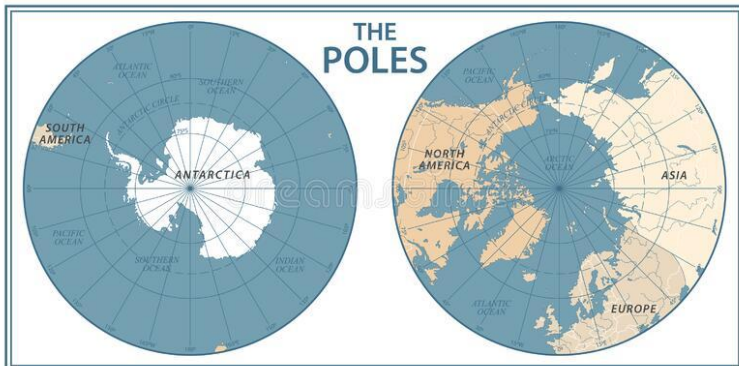
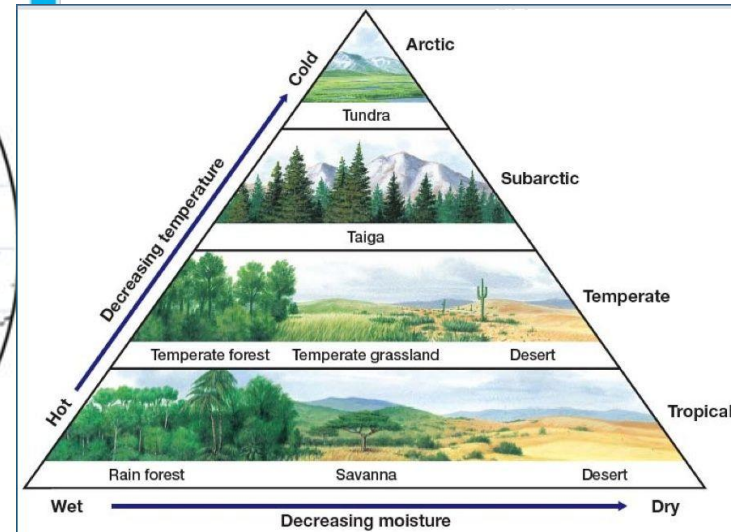
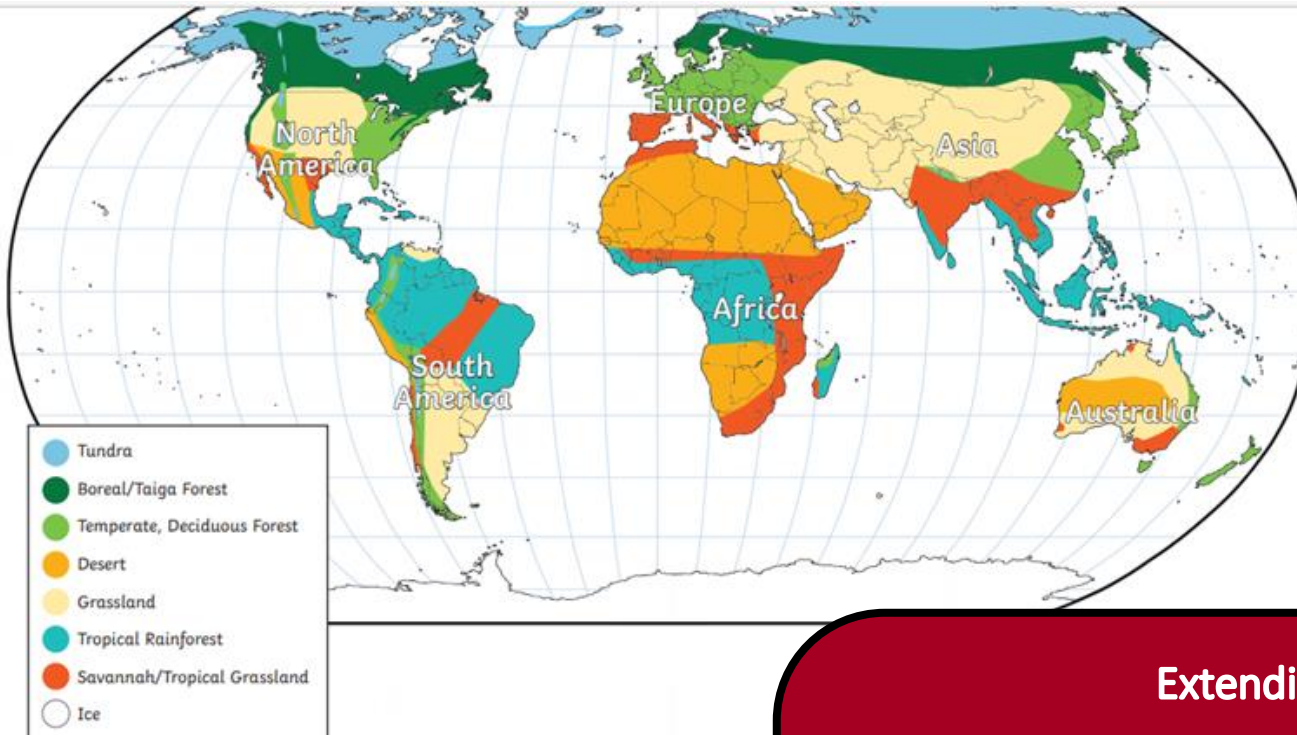
Latitude lines run around the earth east to west.

These lines are the same distance apart from each other.

Longitude lines run over the top of the earth north to south.

These lines are not equally distant from each other.

These lines are used to give the specific location of anywhere in the world using co-ordinates.



Extending your learning:

1. Visit the Natural History Museum in London to discover how plants and animals have adapted to survive in the different biomes.
2. [Biomes - BBC Bitesize](#)
3. [The Five Major Types of Biomes | National Geographic Society](#)
4. [biome - Kids | Britannica Kids | Homework Help](#)
5. [Science for Kids: World Biomes and Ecosystems \(ducksters.com\)](#)