

What is a biome ?

The world can be divided into areas with similar climates. Each of these areas is called a biome. The climate in an area determines the plants that grow there and the animals that live there.

Climate vs Weather

Weather is a description of what the conditions are like in a particular place at a given time.

Climate is a description of the average weather in a certain place over the past 30 or so years.

Climate around the world

Biomes close to the equator have a hot climate all year round. Those close to the poles are cold all year round. The biomes between these points experience 4 seasons - spring, summer, autumn and winter.



Did you know

Most people think the 'bubble' buildings at the Eden Project are called biomes but the biome is the climate inside the bubble. The Eden Project has 3 biomes – the two inside the bubbles (Mediterranean & Rainforest) and the one outside in the open air.

Types of biomes

There are 5 main types of biome :

Tundra

This is the coldest biome and therefore has little plant and animal variety. Tundra biomes cover approximately one fifth of Earth's land area.



Desert

This is the hottest biome. Plants and animals have evolved over time to adapt to the harsh environment.



Grassland

This biome is made up of a variety of grasses. As it is extremely dry, trees cannot grow here.



Savannah

This biome is another type of grassland but enjoys more rainfall during the year. This means that small numbers of trees are also found in this biome.



Forest

Forest biomes are home to a variety of trees and other plants. They are extremely important to our ecosystem as they store carbon.



**Knowledge
Organiser**

LKS2 Biomes

Vocabulary

Equator An imaginary line around the centre of the Earth; closest point on Earth to the sun.
The Tropics That area of the Earth between the Tropics of Cancer and Capricorn; hot all year round.

Taiga Forest A biome consisting mostly of coniferous trees such as fir; cold all year round.
Temperate Forest A biome consisting mostly of deciduous trees which lose their leaves in winter.