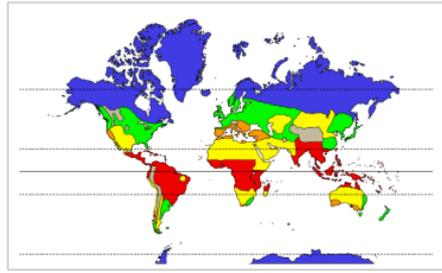


Climate and Weather



Arid	Orange
Mediterranean	Yellow
Temperate	Green
Tropical	Red
Polar	Blue

Key Objectives

- To learn about climate, climate zones and biomes.
- To find out about the polar climate zone, and to learn about the tundra biome.
- To find out about the hottest, driest places on Earth and the tropical desert climate zone.
- To find out about the hottest, wettest places on Earth, and something of the tropical rainforest biome.
- To learn about the temperate climate zone and the deciduous forest biome, and to begin to consider climate change.

Key Vocabulary

Climate	The average daily and seasonal weather patterns over a long period of time.
Weather	A description of what the conditions are like in a particular place in the short term. For example, hot or cold, wet or dry, windy or calm.
Biome	Areas of the planet with a similar climate and landscape, where similar animals and plants live.
Climate Zone	A part of the world where places have a similar climate (i.e., Arid, Mediterranean, temperate, tropical, polar).
Flora	Plants native to an area, such as trees, climbers, flowers and grasses.
Fauna	Animals native to an area, such as birds, reptiles and insects.
Environment	Conditions to which a plant, animal or person is adapted.

Sticky Knowledge

- The world's climate zones: Arid (hot and dry), Mediterranean (dry summers and mild, wet winters), Temperate (no extreme weather, with rainfall throughout the year), Tropical (high temperatures all year round, with lots of rain), Polar (a dry climate with very low temperatures).
- Climate is the average daily and seasonal weather patterns over a long period of time.
- The Equator is an invisible line that runs around the centre of the Earth. The closer you live to the Equator, the hotter it is.
- As the Earth is tilted on an axis, the Northern and Southern Hemispheres experience different types of weather at the same time of the year.