

# Geography: Earth Matters



## Key Vocabulary for this Unit

Climate		Climate is an area's weather patterns over a period of time. Different areas of the world experience different climates depending where they are.
Climate Zone		Climate Zones are areas with distinct climates. They are Temperate, Tropical, Arid, Mediterranean, Polar and Mountains.
Biome		An area in the world with similar plants and animals.
Equatorial and Tropical Zones		The Equatorial region is around the equator which divides Earth into Northern and Southern hemispheres. The tropical regions lies very close either side of the equator.
Continents		Continents are any of the world's main continuous expanse of land (Europe, Asia, Africa, North and South America, Australia, Antarctica).
Countries		A country is a nation with its own government, occupying a particular territory.
Oceans		Oceans are very large expanses of salt water that covers most of the Earth. Arctic, North Atlantic, South Atlantic, North Pacific, South Pacific, Indian and Southern Oceans.
Sustainability		The quality of not being harmful to the environment or depleting natural resources and thereby supporting long-term ecological balance.

## Big Question:

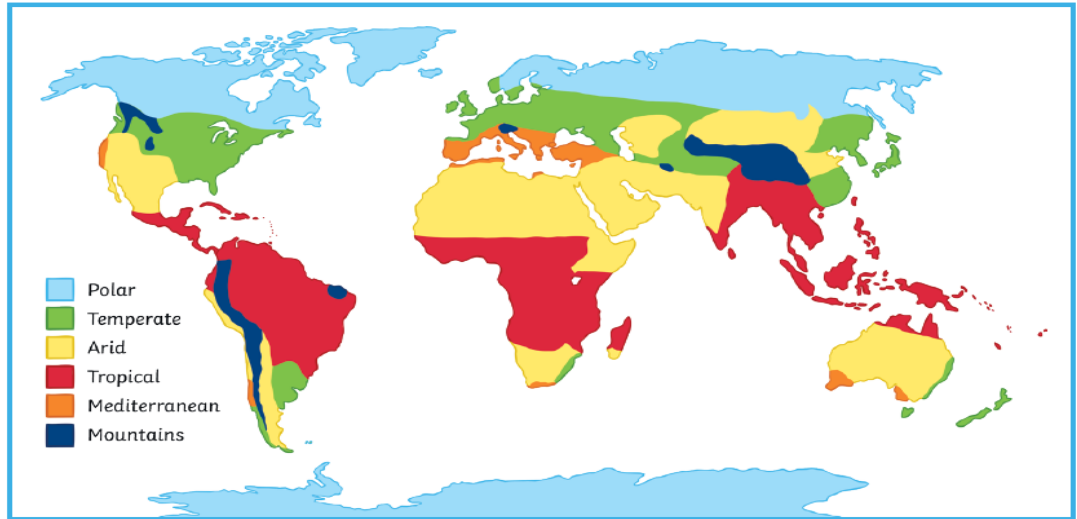
*How do climate zones impact biomes?  
How can we live more sustainably?*

## Key Concepts

	Describe and understand the key aspects of climate zones and biomes.
	Use the 4 points of the compass and introduce 8 points of a compass to locate different climate zones in different countries using maps, atlases and computer maps.  Investigate ways to reduce plastic waste in school and conduct fieldwork before recording, presenting and evaluating the collected data.
	Identify the position and significance of different climate zones from around the world and the impact they have on different Biomes.

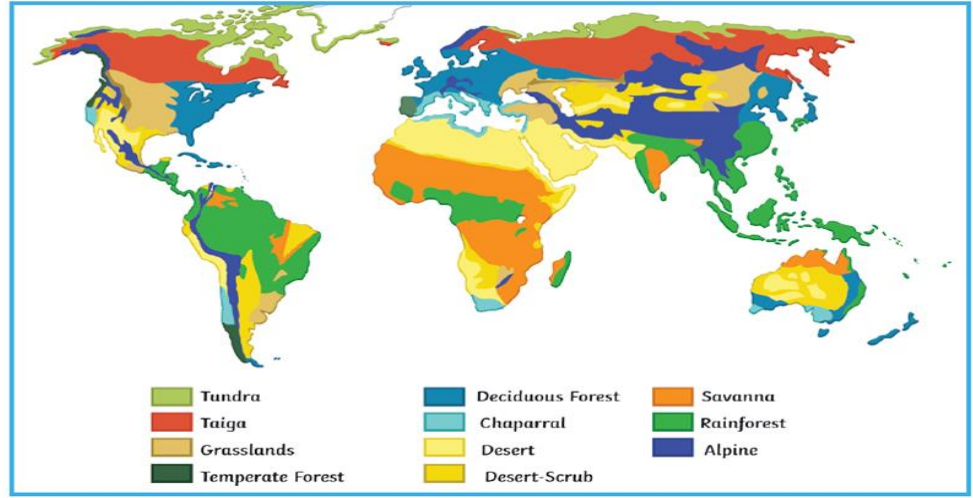


### World Climate Zones

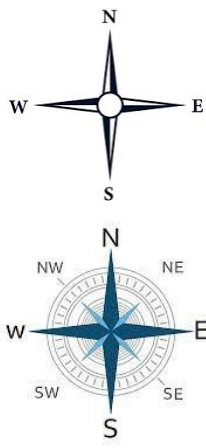


- Polar
- Temperate
- Arid
- Tropical
- Mediterranean
- Mountains

### World Biomes



- Tundra
- Taiga
- Grasslands
- Deciduous Forest
- Chaparral
- Desert
- Savanna
- Rainforest
- Alpine
- Desert-Scrub



Location of Climate Zones

4 and 8 point compass points



Location knowledge

Location of Biomes

Polar



Temperate



Arid



Tropical



Mediterranean



Mountains



Reducing Plastic Waste



sustainability

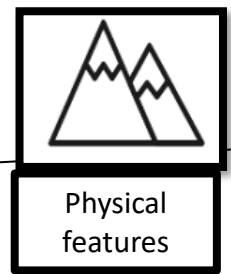


Map Skills- Procedural Knowledge



Geography skills & fieldwork

**How do climate zones impact biomes?**



Physical features



- Polar
- Temperate
- Arid
- Tropical
- Mediterranean
- Mountains