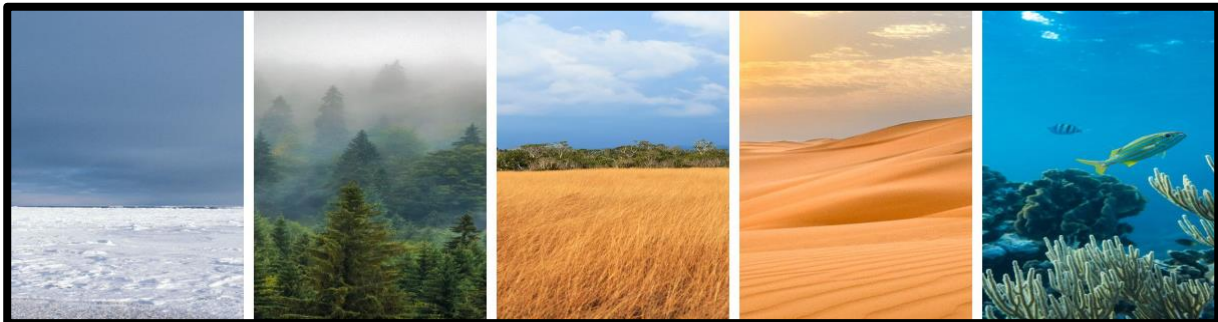




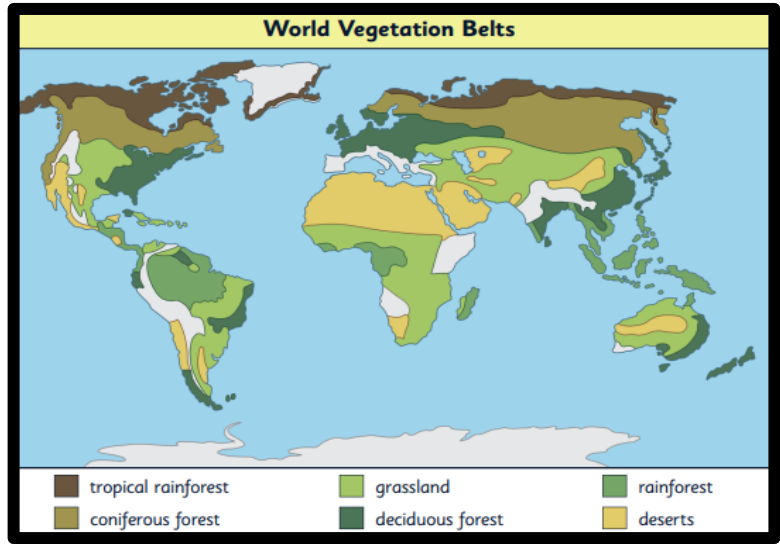
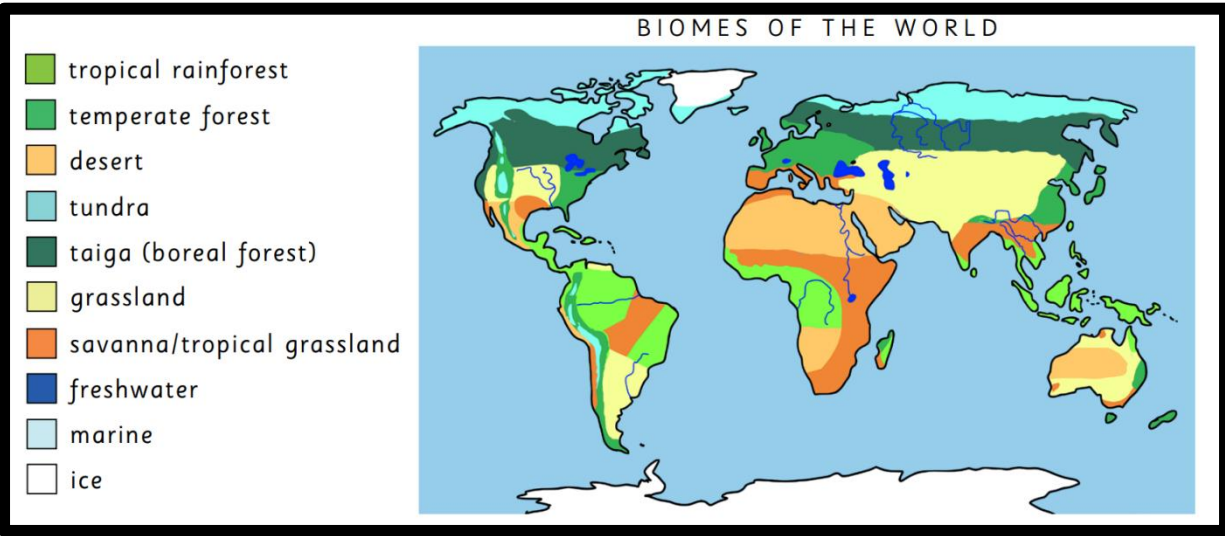
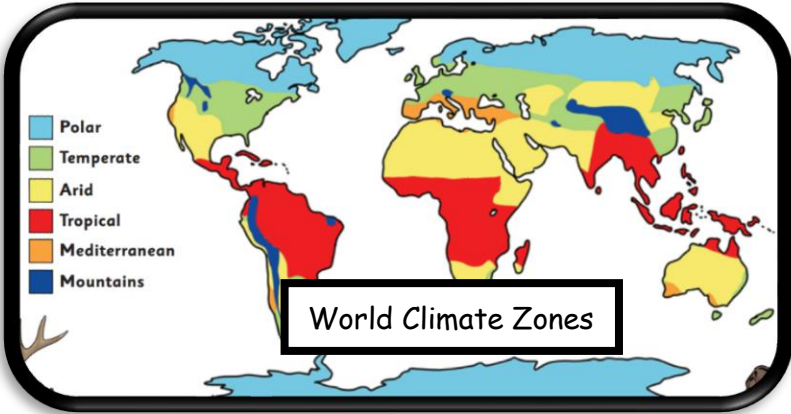
Flora & Fauna

Enquiry Question: How does climate affect vegetation in a biome?



- Key concepts:**
- Space
 - Place
 - Environmental Impact and Sustainable Development

If you were to travel the whole world, you'd discover that planet Earth is extremely diverse. Because the Earth is spherical, certain parts of the globe are reached by the Sun's light more directly and with more strength than others. This has an incredible influence and this - as well as the topography of the area, distance from water and many other factors - is responsible for many of the vast differences between areas of the planet.



Key Vocabulary

Weather	The day to day conditions of the atmosphere (sunny, snowing, warm, etc.)
Climate	The average weather conditions (e.g rain, sun, wind) taken over a long period (usually 30 years or more).
Climate Zone	The areas which have similar weather conditions and climates (could be spread out in different areas of the globe).
Biomes	Areas of the planet with similar climates, landscape, animals and plants.
Vegetation Belts	Areas of the planet with the same type of plant life (only refers to vegetation).
Temperate	Mild temperatures.
Arid	An area having little to no rain.
Tundra	Coldest of all biomes, very little rain or snow but the temperatures are freezing. Winters are long and summers are short.
Boreal Forest/Taiga	World's largest land biome characterized by coniferous forest of pines, spruces, larches, etc. found in high altitudes in the Northern Hemisphere, south of the Arctic Circle.
Savannah	Biome - which is hot all year round - with a long, dry season.
Deciduous	Tree or shrub which sheds its leaves annually.
Evergreen	Tree or shrub that retains green leaves throughout the year.
Temperate Deciduous Forest	A forest characterized by trees or plants, shedding its leaves annually - known as a deciduous forest. Plants like mosses, herbs, and ferns are found in these forests. Deciduous forests are mainly observed in North America, Europe, and Asia.
Coniferous Forest	A coniferous forest is a forest made up of mostly cone-bearing trees, also known as conifers, that typically have needle-like leaves and stay green all year. Coniferous forests are found in areas with long winters, moderate to high annual precipitation, and cold climates



I wonder how the world climates zones, biomes and vegetation belts will change over the course of my lifetime?