

What is our relationship with the physical world? KNOWLEDGE ORGANISER



How does climate affect vegetation?



Substantive Knowledge:

- Identify the position and significance of latitude and longitude, equator, north and southern hemisphere, tropics of cancer and Capricorn, Arctic and Antarctic circle.
- Understand what a biome is and give examples of the variety of biomes and vegetation belts, using appropriate vocabulary to describe weather, climate, climate zones, biomes and vegetation belts).
- Indicate the tropical, temperate and polar climate zones on a globe or map, describe and compare the characteristics of these zones, using appropriate vocabulary, identifying some of the world's hottest, coldest, wettest and driest locations.
- Use knowledge of field work skills to (quadrat of a local biome) and present data.



How have animals and plants adapted to different biomes?



How does climate affect vegetation in a biome?

Ecosystems



Each biome is a large natural region that is home to animals and plants adapted to survive in the unique climate and conditions of that place.

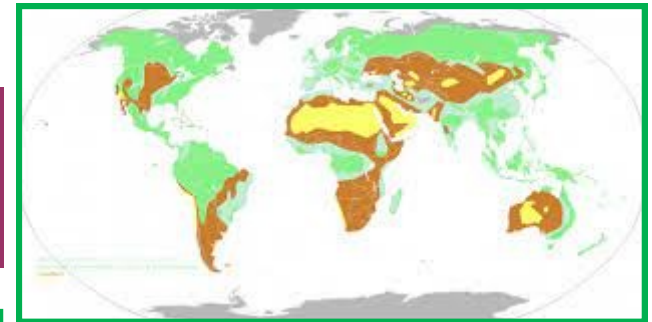
Biomes are changing constantly: species adapt and change to different conditions as time passes.

Biomes around the world.

What can be done to protect them?

Key Vocabulary:

Resources, natural, man-made, urban, rural, longitude (Prime Meridian/ Greenwich Meridian) physical, human



Compare and contrast the six major biomes: Aquatic, desert, forest, grassland, tundra & rainforest.

Vegetation Zones

Biomes of the World

