

# What is our relationship with the physical world? KNOWLEDGE ORGANISER



## Key Vocabulary:

Equator, N and S hemisphere, Tropic of Cancer, Tropic of Capricorn, Prime Meridian / Greenwich Meridian / 0° longitude, Biome, Polar, Desert, Tropical, Temperate

How have animals and plants adapted to different biomes?



How does climate affect vegetation?



How does climate affect vegetation in a biome?

Vegetation Zones

## Substantive Knowledge:

- To know that biomes are areas of world with similar climates, vegetation and animals.
- To know lines of longitude are invisible lines on the globe that determine how far east or west a location is from the Prime Meridian
- To know that a biome is a region of the globe sharing a similar climate, landscape, vegetation and wildlife.
- To know that the hottest biomes are found between the Tropics of Cancer and Capricorn.

## 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.

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

Biomes of the World

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?

