

Geography Knowledge Organiser

Year 6

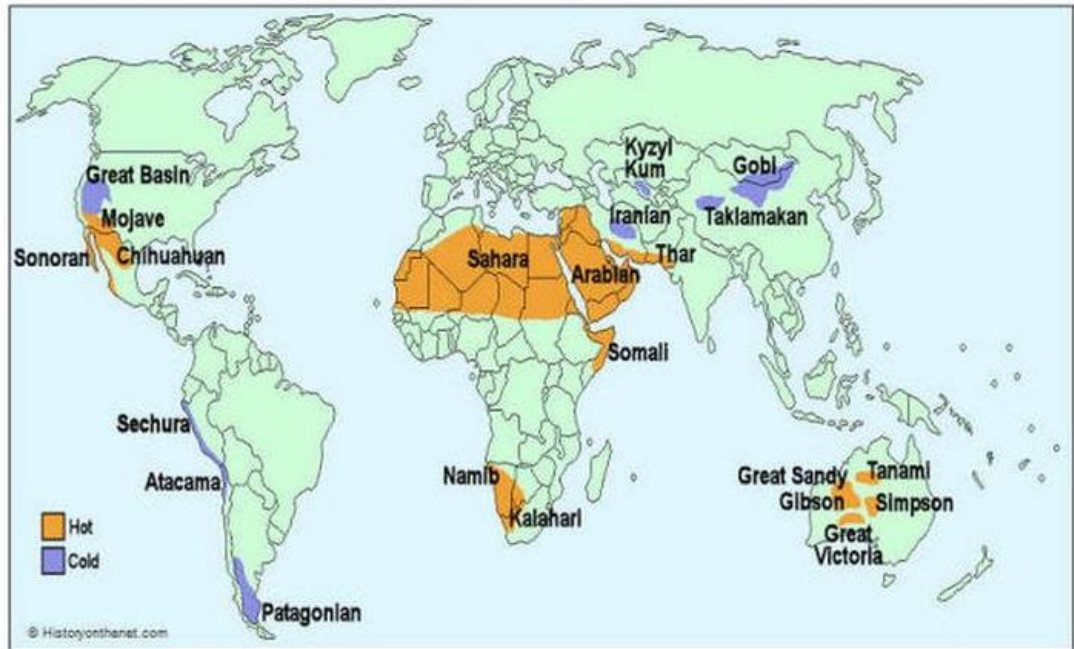
Autumn (i)

How is human activity affecting habitats and biome change?

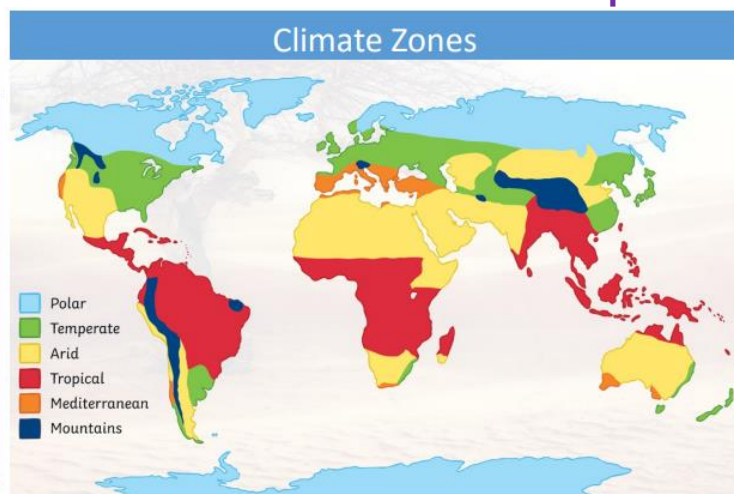
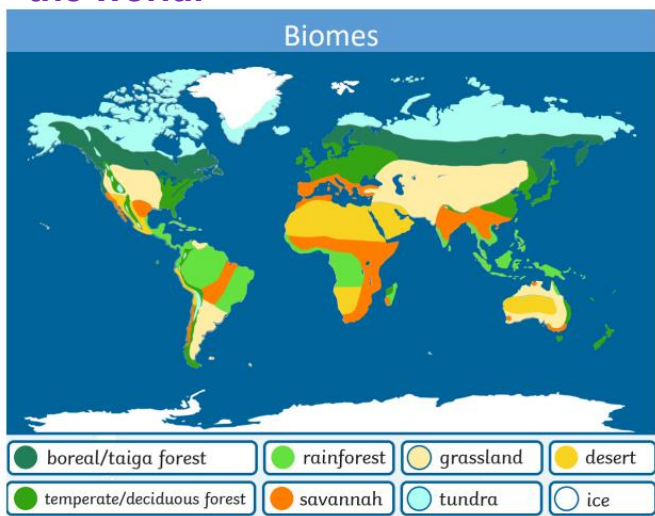
Substantive Knowledge

The World's Deserts

To know the largest hot and cold deserts, their physical features and environment.



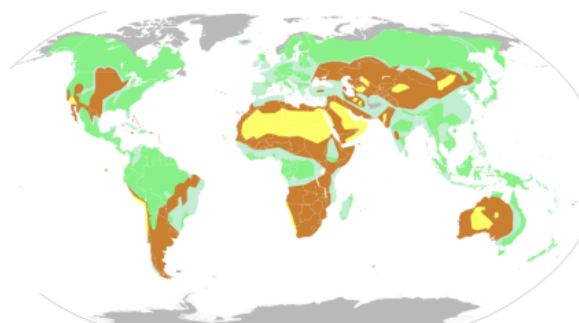
To label biomes and vegetation belts as well as climate zones on a map of the world.



Vegetation Belts

There are five major vegetation belts:

forest
grassland
tundra
desert
ice sheet

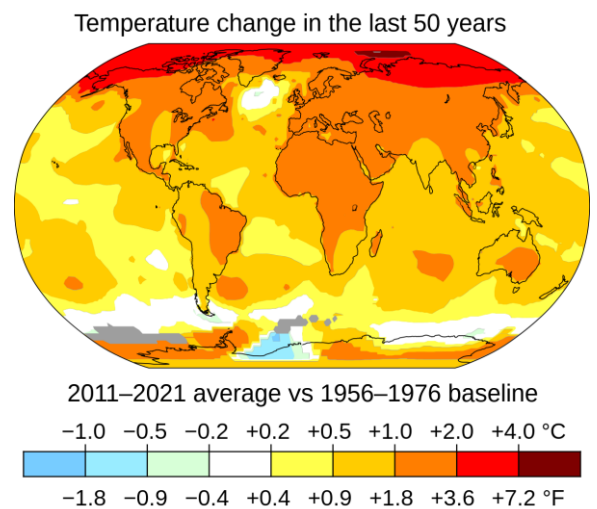


A biome is a large area on the earth's surface, defined by the animals and plants living there. A vegetation belt is the plant life as a whole within an area. The temperature characteristics of a region are influenced by natural factors such as latitude, elevation and the presence of ocean currents. The precipitation characteristics of a region are influenced by factors such as proximity to mountain ranges.

To give examples of and reasons for biome change over time and the consequences of this.

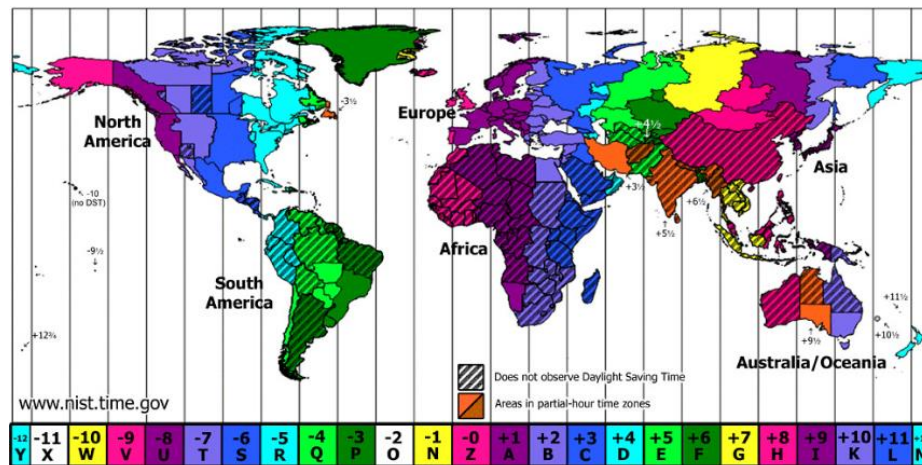
<https://classroom.thenational.academy/lessons/how-are-biomes-being-damaged-6mwp4c>

Important direct drivers include habitat change, climate change, invasive species, overexploitation, and pollution. Most of the direct drivers of degradation in ecosystems and biodiversity currently remain constant or are growing in intensity in most ecosystems



The primary biome present in an area can change over time as the climate changes. Ten thousand years ago, parts of North Africa were green, lush landscapes with abundant trees and flowing rivers. Today, that region is part of the Sahara Desert, the world's largest desert.

To recall knowledge about Time Zones and how they are set from G.M.T.



GMT stands for Greenwich Mean Time, the local clock time at Greenwich. From 1884 until 1972, GMT was the international standard of civil time. Though it has now been replaced by Coordinated Universal Time (UTC), GMT is still the legal time in Britain in the winter, used by the Met Office, Royal Navy and BBC World Service. Greenwich Mean Time is also the name of the time zone used by some countries in Africa and Western Europe, including in Iceland all year round.

Portable Knowledge –

The largest hot desert is The Sahara.

The largest cold desert is The Antarctic.

Climate change is having an impact on biomes.

Core Vocabulary

biographers- people who study of the geographic distribution of plants, animals, and other forms of life

biomes- a large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra.

latitude- the angular distance of a place north or south of the earth's equator, or of the equator of a celestial object, usually expressed in degrees and minutes.

Longitude- the angular distance of a place east or west of the Greenwich meridian, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes.