

# Milestone 3 Geography Know Its

## Biomes and Climate Zones

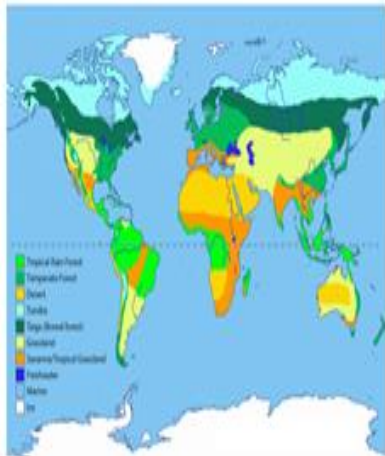
Biomes are a way to categorise the Earth's surface. These categories are based on climate patterns, soil types and the animals and plants that inhabit an area. Biomes are directly linked to climate zones.

\*Terrestrial biomes and aquatic biomes

\*Ten biomes: tropical rainforest, temperate deciduous forest, desert, tundra, taiga, grassland, savannah, marine, freshwater and ice.

\*Earth has seven zones of expected climate: polar, subpolar, temperate, tropical, sub-tropical, equatorial and sub-equatorial.

Location of Earth's biomes



Location of Earth's climate zones



## Vocabulary

**categorise:**  
to put into groups (categories)

**inhabit:** to live in

**terrestrial:**  
on land

**aquatic:** in water

**climate:** the average expected weather in a place

## Oceans & Currents

An ocean current is a continuous movement of ocean water from one place to another.

\*Ocean currents are created by wind, water temperature, salt content and the gravity of the moon

\*The currents are called gyres and can flow for thousands of miles

\*Major example of an ocean current is the Gulf Stream in the Atlantic Ocean

\*Gyres travel clockwise in the northern hemisphere and anticlockwise in the southern hemisphere

\*Transport warm water to colder areas and cold water to warmer one

\*Transport Plastic pollution; The Great Pacific Garbage Patch is a big area of rubbish in the middle of the northern Pacific Ocean.

## Vocabulary

**continuous:** happening all of the time without a break

**gyres:** circular movements

**pollution:** a poisonous or dirty substance

**garbage:** American word for rubbish

## Maps - Vocab & Skills

\*Compass rose      \*Tile

\*Scale                \*Lines of latitude and longitude

\*4/6 figure grid references

The main ocean currents of the world

