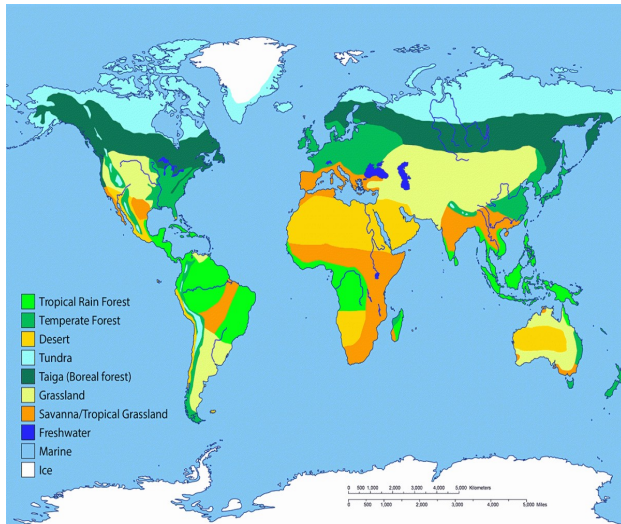


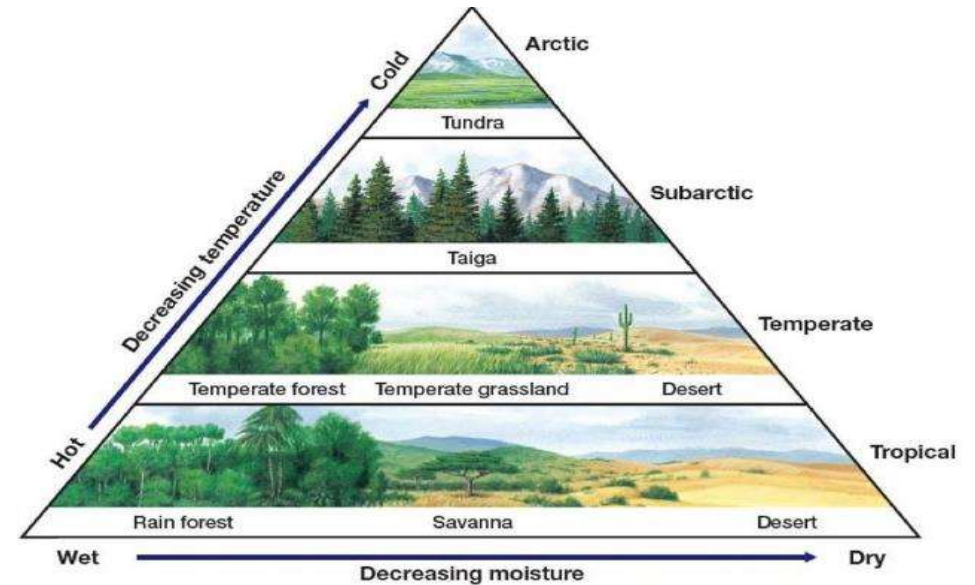
# Knowledge Organiser Year 4 Geography: Biomes

## Tier 3 Vocabulary

Climate	The weather conditions in an area over a long period of time.
Climate zone	Areas with distinct climates, which occur in east-west direction around the Earth.
Ecosystem	A community of animals, plants and micro-organisms, which interact with each other and their environment.
Vegetation	General term for all the plants or plant life of a region.
Temperate	A climate which has mild temperatures.
Tropics	The area between the Tropic of Cancer and the Tropic of Capricorn.
Lines of latitude	Imaginary parallel lines from East to West around the Earth.
Lines of longitude	Imaginary parallel lines from North to South around the Earth.



A biome is large region of the Earth that has a certain climate and certain types of living things (vegetation and animals). Also known as an ecosystem.



## Key biome characteristics

Tundra	Treeless areas around the North and South Poles, with little precipitation and frozen ground.
Taiga forest	Forests with evergreen trees found in temperate regions.
Temperate forest	Forests in wet and mild areas, dominated by trees that lose their leaves in autumn (deciduous).
Temperate grassland	Flat and open areas with mostly grass and few trees.
Savanna(h)	Hot and dry areas with two distinct seasons (wet and dry) with mostly grass and few trees.
Tropical rainforest	Forests found near the Equator, which are hot and humid and have a huge variety of plants and animals.
Desert	Driest areas on Earth. Deserts can be hot or cold. All have little precipitation, vegetation or animals.

Related prior knowledge: comparison of polar regions and deserts (YR), equator, hot and cold climates (Y3).