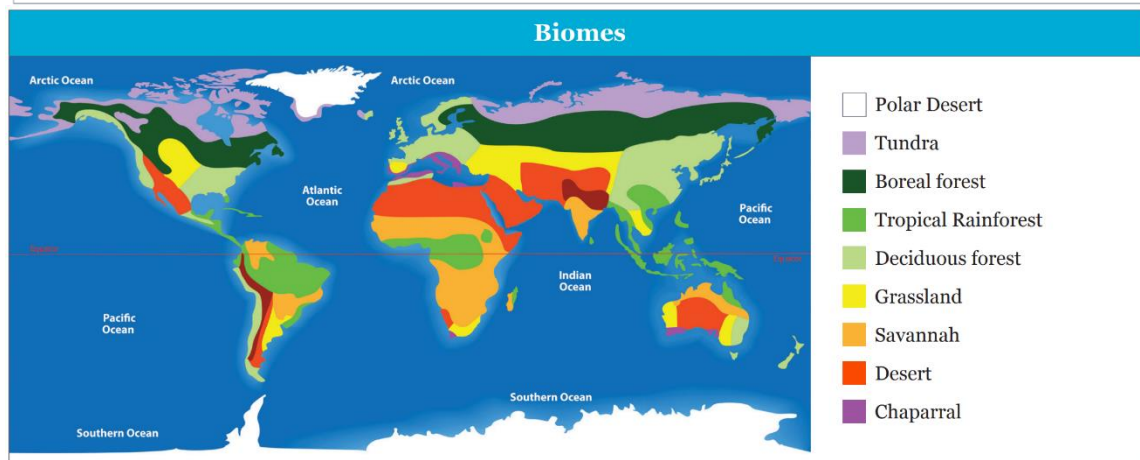
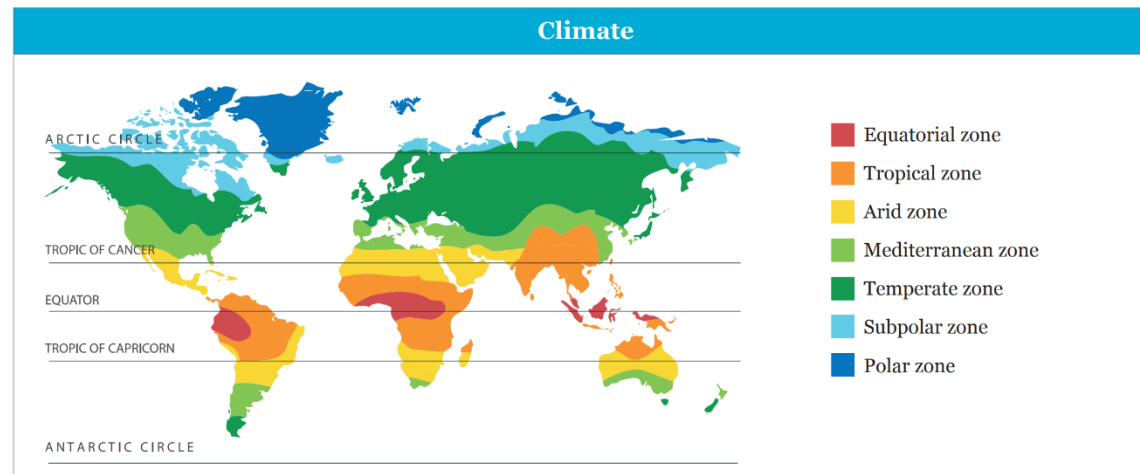
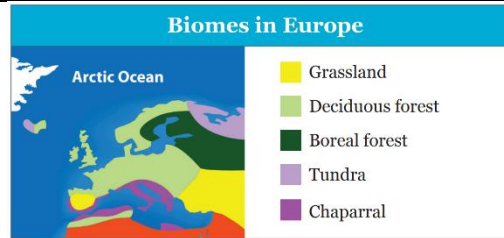


## The Circle of Life - Humanities

The world can be split up based on lots of different factors such as by the 7 continents or by countries and their borders. These maps show a different way of breaking up the world by climate and by biome



### Key Vocabulary

**Biome:** A large ecosystem which relies on climate

**Equator:** An imaginary line halfway around the Earth which is between the North and South Poles

**Latitude:** Lines which go around the Earth east to west

**Longitude:** Line which go around the Earth north to south

**Hemisphere:** Half of the Earth, Northern Hemisphere or Southern Hemisphere

**Climate:** Average weather conditions over longer periods

**Precipitation:** Any form of moisture which falls to the Earth

**Ecosystem:** Group of living organisms interacting with their physical environment

**Biodiversity:** Variety of living things e.g. species, habitats

**Flora:** Another word to refer to plants

**Fauna:** Another word to refer to animals

**Savannah:** A type of biome, sometimes called tropical grass

**Tundra:** A flat, cold, treeless area

**Coniferous Forest:** Forests made mostly of conifer trees like fir, cedar and pine trees

**Deciduous Forest:** Forest made mostly of broad-leaved trees that shed their leaves during a season

**Vegetation Belt:** Regions showing where vegetation grows

**Temperate Zones:** Areas with mild temperatures

**Equatorial and Tropical Zones:** Area in the centre of the globe with hot temperatures

**Arid Zone:** Areas north and south of the tropics

**Rainforest:** A thick forest which has a lot of rain

**Desert:** A waterless area with little or no vegetation

**Fertile Land:** Land is able to support the growth of lots of plants

## The Circle of Life

### Tundra Biome

Huge treeless surface that covers around 20% of the earth's surface

**Conditions:** Very cold and dry

**Flora:** Mosses, lichens and short grasses...

**Fauna:** Arctic foxes, reindeer and migrating birds...



### Aquatic Biome

The biggest biome covering around 75% of the Earth's surface. Three categories; oceans, estuaries and coral reefs.

**Flora:** Kelp, coral, sea grass, algae...

**Fauna:** Sharks, seahorses, walruses, octopus, sea-slugs and dolphins...



### Rainforest Biome

2/3's of the worlds plant species live in rainforests

**Conditions:** Very hot, humid and wet.

**Flora:** Venus flytrap, vines, orchids and bromeliad...

**Fauna:** Sloths, poisoned dart frogs, okapis, capybaras, bullet ants...



### Grassland Biome

Get enough rain for grasses to grow but not enough to support forests.

**Conditions:** Hot summers and cold winters

**Flora:** Grasses: purple needlegrass, wild oats, ryegrass...

**Fauna:** Bisons, falcons, fox, prairie dogs...



### Deciduous Forest Biome

Found mainly in the Northern Hemisphere

**Conditions:** Cold winters and warm summers

**Flora:** Deciduous trees which shed their leaves in the Autumn, like oak and beeches as well as poison ivy, holly, bluebells...

**Fauna:** Bobcats, rabbits, woodpeckers, squirrels, robin...



### Savannah Biome

The land is very flat.

**Conditions:** Hot all year long with dry periods in winter and wet periods in summer

**Flora:** Acacia tree, tall and short grasses with low-lying shrubs...

**Fauna:** Giraffes, elephants, antelopes, ostriches, rhinos...



### Desert Biome

The driest of all the biomes

**Conditions:** Very dry, getting less than 25cm of rain a year

**Flora:** Cacti, creosote bushes, prickly pears...

**Fauna:** Golden moles, rattlesnake, roadrunners, desert owl...



### Boreal or Taiga Forest Biome

They lie south of the tundra biome.

**Conditions:** Long, cold winters and short mild summers with enough rain to support conifer trees.

**Flora:** Conifer trees with needles like spruces and firs and blueberry bush...

**Fauna:** Lynx, grey wolves, moose, beavers...



Name: \_\_\_\_\_

Year: \_\_\_\_\_

Assessment mark: (1-9) \_\_\_\_\_

Assessment Questions: To be completed at the start of the unit and then repeated at the end of the topic

1. What is a climate?

Beginning of the Unit	End of the Unit

2. What biome is the UK in and how do you know?

Beginning of the Unit	End of the Unit

3. Which biome covers the most of the earth's surface?

Beginning of the Unit	End of the Unit

4. Name one of the three forest biomes and some features of it?

Beginning of the Unit	End of the Unit

5. What's flora and fauna?

Beginning of the Unit	End of the Unit

6. Choose one biome and explain what it would be like to live there and the plants and animals you could find there

Beginning of the Unit	End of the Unit