

Willerby Carr Lane Primary School - Geography

Topic: Biomes - Habitats, Vegetation Belts and Climate Zones

Year: 2

Strand: Place knowledge/ Physical Geography

What should I already know?

- The names of a variety of common wild and garden plants, including deciduous and evergreen trees.
- The name and location of the 4 countries and capital cities of the United Kingdom and its surrounding seas.

What will I know by the end of the unit?

What are the main types of biomes ?	<ul style="list-style-type: none"> • The 6 main types of biome are Forest, Aquatic, Grassland/Savannah, Desert, Ice/Tundra, Mountain • The 3 main climate zones are Polar, Temperate and Tropical • Where biomes can be located in the world • The comparative rainfall in different biomes
What are the continents ?	<ul style="list-style-type: none"> • The 7 continents, ordered from largest in area to smallest, are: Asia, Africa, North America, South America, Antarctica, Europe, and Australia. • Where the continents are on a map of the world
What are the 5 oceans ?	<ul style="list-style-type: none"> • The 5 oceans are Pacific, Atlantic, Indian, Southern, Arctic • Where the oceans are on a map of the world

Physical Features

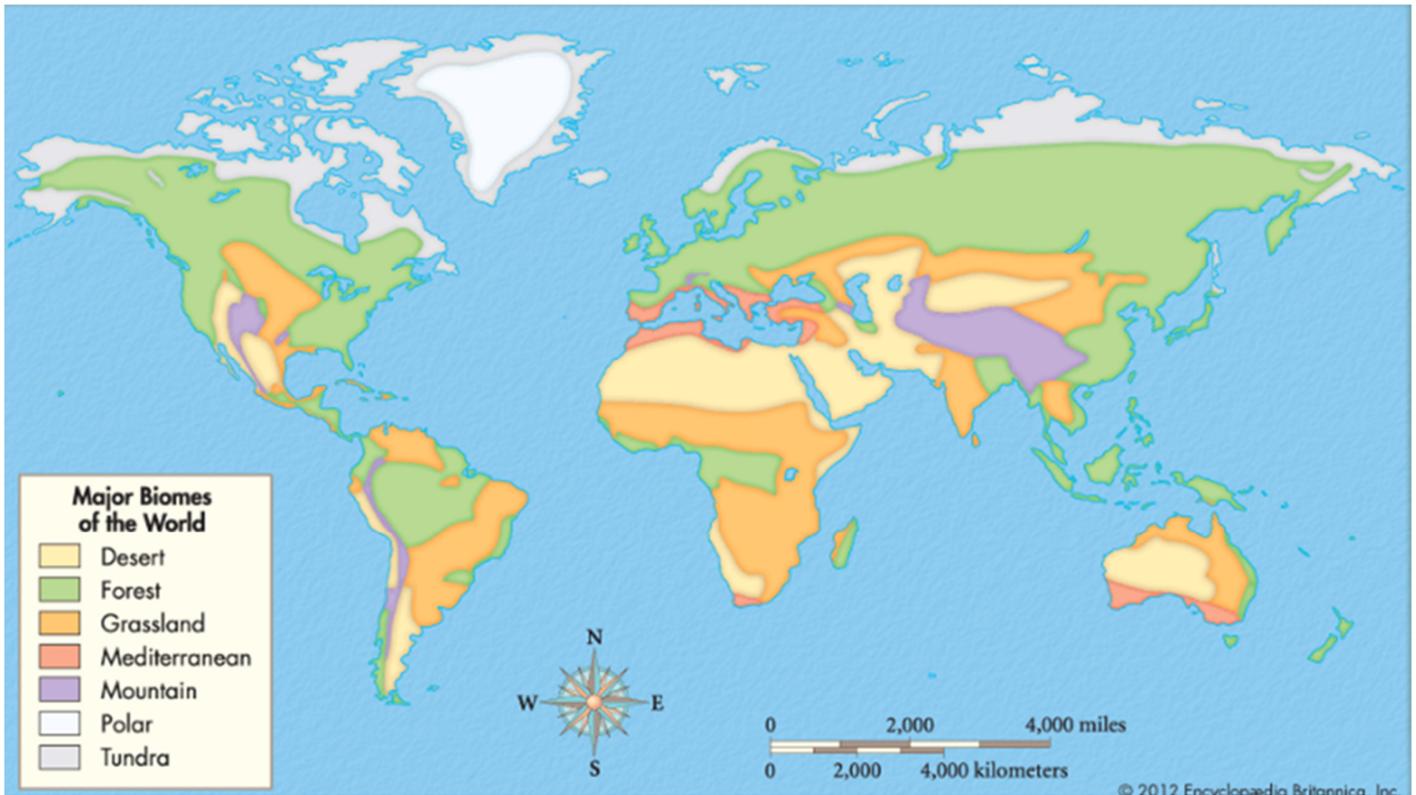
- **Tundra** – very cold and dry all year round. Can be found in North Russia, the North Pole and Antarctica.
- **Desert** – hot and dry all year round. Can be found in North Africa and Central Australia
- **Rainforest** – hot, humid and wet all year round. Can be found in South America.
- **Temperate forest** – cool winters and mild summers. Can be found in Europe and Russia.
- **Grassland** – cold winters and hot summers. Can be found in North America.
- **Mountain** – generally cold and windy. Can be found all around the world.

Vocabulary

biome	The climate zone , natural areas of vegetation and animals create biome
climate	the general weather conditions that are typical of an area
climate zone	sections of the Earth that are divided according to the climate There are three main climate zones: polar , temperate and tropical
desert	a large area of land, usually in a hot region, where there is almost no water, rain or vegetation
equator	an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole
globe	a spherical object with a map of the world on it
grassland	a large area covered by wild grass
humid	a climate that is very hot and damp
Northern hemisphere	the area on a globe which is above the equator
Poles	the two opposite ends of the Earth at its most northern and southern points
Rainfall	the amount of rain that falls in a time period
Rainforest	a thick forest of tall trees which is found in tropical areas
Southern hemisphere	the area on a globe which is below the equator
temperate	a place which is never extremely hot or extremely cold Also known as Mediterranean
temperature	a measure of how hot or cold something is
tropical	The tropics have a humid climate, where the weather is hot and damp They are near the equator
tundra	A flat layer of land where the top layer is frozen There is hardly any vegetation
vegetation	plants, trees and flowers

Geographical Skills and Fieldwork

- Use online and paper maps, atlases and globes to identify different biomes
- Use online and paper maps, atlases and globes to locate the oceans and continents
- Use locational language and compass directions to describe the location of biomes, oceans and continents (North, South, East, West)



7 continents map with 5 oceans

