



What should I already know?

- We live in Salford.
- There are 7 continents: Antarctica, North America, South America, Asia, Australia, Africa and Europe.
- We live on the continent of Europe.
- There are 5 oceans: Atlantic, Pacific, Indian, Southern and Arctic.
- The climate of an area is weather patterns over 30 years.

What will I know by the end of the unit?

What are biomes and vegetation belts?

- A biome is a naturally occurring community of flora and fauna that are adapted to a specific climate.
- A vegetation belt is all of the plants life in a certain area.
- There is a link between biomes and climate zones: the climate of an area determines the plant and animal life you will find there.
- In a desert biome the plants and animals will be adapted to survive on little water e.g. cacti and camels. In a tundra biome plants and animals will be adapted to live in sub-zero conditions e.g. polar bears and arctic foxes.
- Climate change is effecting biomes across the world.

Europe

- There are 44 countries in Europe (United Nations).
- Russia is considered European but most of it lies in Asia.
- Europe is a continent located entirely in the northern hemisphere and mostly in the eastern hemisphere.
- The 2nd smallest continent by area.
- The 3rd most populous continent in the world – with a population of about 743 million people.

Eastern Europe

- Countries in Eastern Europe include: Belarus, Bulgaria, Czech Republic, Hungary, Moldova, Poland, Romania, Russia, Slovakia and Ukraine.
- Eastern Europe lies in a deciduous forest biome.
- This means that most trees will lose their leaves in the Autumn and regrow them in Spring. Some woodland animals are adapted to hibernate during the Winter.

Western Europe

- Countries include: Germany, France, Netherlands, Belgium, Austria, Switzerland and Luxembourg.
- Western Europe lies in a deciduous forest biome.

Vocabulary

adaption	the process where a species becomes better suited to its environment
biome	an area of naturally occurring flora and fauna e.g. deciduous forest, Mediterranean, tundra, polar
climate zone	an area with a specific pattern of weather
deciduous trees	trees that are adapted to lose their leaves in the Winter
ecoregion	a smaller area within a biome
European plain	the area stretching from the Pyrenees Mountains on the Spanish-French border to the Ural Mountains in Russia
fauna	animals adapted to live in a biome
flora	plants adapted to live in a biome
hibernation	to sleep during winter months
physical geography	naturally occurring features of the world
scale	the area represented by a map
vegetation belt	the plants growing in an area

Northern Europe

- Includes Scandinavia (Norway, Sweden, Finland and Denmark), The UK and Ireland.
- Some of northern Europe falls into a tundra biome.

Southern Europe

- Used to describe the countries that border the Mediterranean Sea e.g. Italy, Spain, Greece, Portugal.
- Countries in southern Europe are in a mediterranean biome meaning there is a hot and sunny climate.