



St John Fisher RC Primary School

Year 6 Knowledge Organiser – Autumn Term One - Geography

What we will be learning

I know:

Lesson 1

- **How to explain what climate is** (Climate is the average weather conditions in a certain place for the past 30 years.
- Different areas of the world have different climates.
- Climate is influenced by how near a place is to the equator, to the sea, and how high or low the ground is and its position on a continent.

Lesson 2

- **Biomes are areas of the planet with similar climate, landscapes, animals and plants.**
- Biomes include: Temperate Forest/woodland, Rainforest, Desert, Savannah, Grasslands and Tundra.
- I live in a temperate deciduous forest biome.

Lesson 3

- Deserts are dry and can be extremely hot, with very few animals and vegetation.
- How to use lines of longitude and latitude to locate hot deserts in the world.

Lesson 4

- How some animals and plants are able to adapt to the harsh desert conditions.

Lesson 5

- Tundra is the coldest of all the biomes.
- The Arctic tundra's average temperature is -34 to -6 degrees Celsius
- Arctic foxes and polar bears survive the harsh conditions.

Key Knowledge: I know where the world's biomes are located.

Note: Antarctica is a continent. It is a vast area of land that is very cold and has little rainfall or snowfall. Because it is so cold, the snow does not melt so layers of ice are formed over time. Antarctica is sometimes known as a cold desert biome or a polar biome, whilst some areas are tundra.

Key Facts to Remember

- Climate is different than weather.
- Climate is the average weather conditions for the past 30 years.
- Biomes are different areas of the planet that have a similar climate, landscape, animals and plants.
- The Sahara Desert is an example of a hot desert biome.
- Tundra is the coldest of all biomes.
- The Arctic is an example of a tundra biome.
- Animals and plants adapt to live in extreme conditions
- Latitude is a measurement of a location north or south of the Equator.
- Longitude is a measurement of location east or west of the prime meridian at Greenwich, London.
- I live in a temperate deciduous forest climate

Key Vocabulary and Glossary

climate	The average weather conditions for the past 30 years.
biome	An area classified according to the species that live in that location.
tundra	A cold, frozen landscape with a short growing season.
hot desert	A hot and dry area with very little precipitation and low biodiversity.
Prime Meridian	The Prime/Greenwich Meridian is an imaginary line that separates the eastern and western hemispheres at 0 degrees longitude.

Lines of longitude and latitude are used to locate somewhere accurately.

