



Year 4 Autumn Term

How does climate affect life on Earth?

Core Knowledge

I will be able to locate the equator and the tropics of cancer and Capricorn on an atlas, digital map or globe and describe where I live in relation to these places.
 I will be able to locate and name biomes around the world, and discuss the impact of their location on their climate.
 I will be able to say the importance of latitudinal lines.
 I will be able to identify and name physical and human features of a biome using photos and maps.
 I can name similarities and differences between biomes.
 I can say how animals and plants have adapted to their climate and how a change in climate might affect these animals and plants.
 I will understand that climate can change over time, and describe the possible impact of climate change on arctic regions.

Vocabulary

Tropic of Cancer - an invisible line above the equator
 Tropic of Capricorn - an invisible line below the equator
 The Northern Hemisphere and the Southern Hemisphere
 Vegetation belt - the plant life in a certain area
 The Equator - an imaginary line around the middle of our planet
 Climate - average weather conditions in a place for 30 years or more
 Lines of latitude
 Tundra - a large, barren region with no trees
 Biome - areas with similar climate and landscape
 Desert - a place with very little rainfall
 Mediterranean - the sea that separates Europe from Africa. Used to refer to the area around the sea too.
 Impact - the effect that one thing has on another
 Effect - the result of a process or action

NC

Locational Knowledge.
 Human and Physical Geography.

Global Awareness

Asses to clean, safe water.

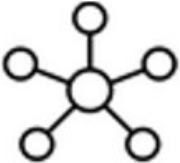


Prior Knowledge

I know that we live in the West Midlands region of the UK.
 I know the 7 continents of the World.
 I can name some hot and cold places around the world.
 I know that the location of a place can affect the weather.

Prior Skills

I can identify human and physical features using maps, ariel photographs and other sources.
 I can talk about the weather and recognise and name weather symbols.
 I can recognise some basic OS symbols: Places of worship, hospital, visitor centre, train station.
 I can use 4 figure grid references.
 I can use 8 compass points when carrying out fieldwork.

Concept

 <p>Interconnections</p>	 <p>Environment</p>	 <p>Earth's Processes</p>
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