



# Knowledge Organiser for Foundation Subjects in St Margaret Mary's Catholic Junior School

Loving, learning, growing together with Jesus

**Subject:** Geography  
**Year Group:** 5  
**Term:** Spring 2

## Topic: The Effect the Equator has on the World

Vocabulary Bank		Key Facts	
Vocabulary	Definition		
<b>Coniferous forest</b>	Forests composed primarily of cone-bearing needle-leaved or scale-leaved evergreen trees, found in areas that have long winters and moderate to high annual precipitation.	<ul style="list-style-type: none"> <li>• The Equator is an imaginary circle around Earth. It divides Earth into two equal parts:</li> <li>• The Northern Hemisphere is located above the Equator and the Southern Hemisphere is located below the Equator.</li> <li>• There are five major biomes: aquatic, desert, forest, grassland, and tundra. The plants and animals of each biome have traits that help them to survive in their particular biome.</li> <li>• The Tropic of Cancer is located above the Equator.</li> <li>• The Tropic of Capricorn is located below the Equator.</li> <li>• The Arctic Circle is one of the two polar circles and is located north of the Equator.</li> <li>• The Antarctic Circle is located south of the equator.</li> <li>• About one-third of the land surface of the world is arid or semi-arid.</li> <li>• Latitude and longitude are a system of lines used to describe the location of any place on Earth.</li> <li>• Lines of latitude run in an east-west direction across Earth (Horizontal)</li> <li>• Lines of longitude run in a north-south direction (Vertical)</li> <li>• A biome is a large region of Earth that has a certain climate and certain types of living things.</li> <li>• Climate is the pattern of weather in a place over a much longer time.</li> <li>• Different parts of the world have very different patterns of weather.</li> </ul>	
<b>Deciduous forest</b>	Dominated by trees that lose their leaves each year. They are found in areas with warm moist summers and cool winters.		
<b>Desert</b>	A barren area of landscape where little precipitation occurs and, consequently, living conditions are hostile for plant and animal life.		
<b>Global Warming</b>	A mainly human-caused rise of the average temperature of the Earth's climate system.		
<b>Mediterranean</b>	A sea connected to the Atlantic Ocean, surrounded by the Mediterranean Basin and almost completely enclosed by land.		
<b>Savannah</b>	A grassy plain in tropical and subtropical regions, with few trees.		
<b>Tropical Forest</b>	Tropical forests are closed canopy forests.		
<b>Tundra</b>	A vast, flat, treeless Arctic region in which the subsoil is permanently frozen.		
<b>Prime/Greenwich meantime</b>	Greenwich Mean Time is the yearly average (or 'mean') of the time each day when the Sun crosses the Prime Meridian at the Royal Observatory Greenwich.		
<b>Apply It</b>	The children will recap what they have learnt about biomes, climate zones and how this is effected by the location to the equator by making a 'David Attenborough' styled presentation about their tables chosen biome.		



Tundra



Rainforest



Savanna



Taiga



Temperate broadlea...



Grassland



Chaparral