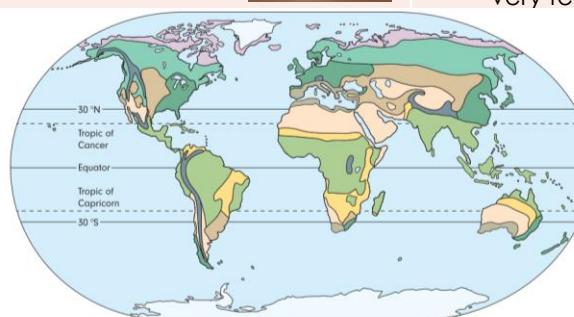


# Year 3/4 Unit 4 Knowledge Organiser Geography: Climate Zones and Biomes

Vocabulary		The six major biomes			
biome	a large area of land with a particular climate and types of plant and animal	tropical rainforest		<ul style="list-style-type: none"> <li>temperature between 20° C and 25° C</li> <li>rains all year</li> <li>most of the plants are evergreen</li> </ul>	
ecosystem	living and non-living things that work together	temperate deciduous forest		<ul style="list-style-type: none"> <li>temperature ranges from – 30° C to 30° C</li> <li>goes through four seasons</li> <li>most trees lose their leaves in autumn</li> <li>rains throughout most of the year</li> </ul>	
climate	the general weather conditions and patterns of a particular place over a long time	coniferous forest (taiga)		<ul style="list-style-type: none"> <li>temperature ranges from – 54° C to 30° C</li> <li>most of the trees have cones</li> <li>largest land biome</li> </ul>	
weather	the conditions in the atmosphere (air) on a particular day e.g. rainy	tundra		<ul style="list-style-type: none"> <li>temperature ranges from -34° C to 6° C</li> <li>coldest of all the biomes</li> <li>little rain, lots of frost</li> <li>no trees grow and only a few small plants</li> </ul>	
polar climate zone	a place with very cold temperatures	grasslands (savanna/savannah)		<ul style="list-style-type: none"> <li>dry season and rainy season</li> <li>temperatures range from – 40° C to 40+° C</li> <li>mostly grass grows, some individual trees</li> </ul>	
temperate climate zone	a place where the weather is not too hot or too cold	desert		<ul style="list-style-type: none"> <li>temperatures can be over 50° C in the day, cold at night</li> <li>a place with very little precipitation (rain, sleet, snow, hail)</li> <li>very few plants or animals.</li> </ul>	
arid climate zone	a very dry place				
tropical climate zone	a hot and usually wet place on or near to the equator				
equator	the imaginary line that runs around the middle of the Earth				
Mediterranean climate zone	a place with hot, dry summers and mild, wet winters				
latitude	an imaginary line that goes around the earth horizontally				
deforestation	cutting down trees				
pollution	dirty material e.g. in the air, water				



Key	
Tropical forest	Temperate broadleaf forest
Savanna	Northern coniferous forest
Desert	Tundra
Chaparral	High mountains (coniferous forest and alpine tundra)
Temperate grassland	Polar ice

