





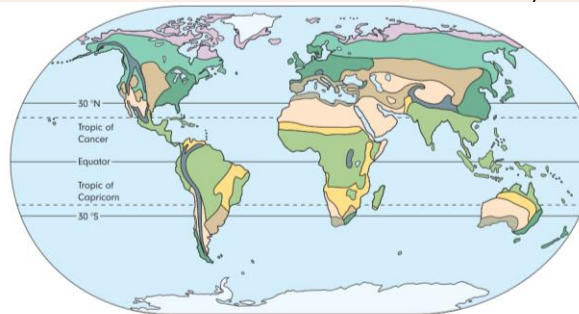












Year 3/4 Unit 4 Knowledge Organiser Geography: Climate Zones and Biomes

Vocabulary	
biome	a large area of land with a particular climate and types of plant and animal
ecosystem	living and non-living things that work together
climate	the general weather conditions and patterns of a particular place over a long time
weather	the conditions in the atmosphere (air) on a particular day e.g. rainy
polar climate zone	a place with very cold temperatures
temperate climate zone	a place where the weather is not too hot or too cold
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

The six major biomes

tropical rainforest		<ul style="list-style-type: none"> temperature between 20° C and 25° C rains all year most of the plants are evergreen
temperate deciduous forest		<ul style="list-style-type: none"> temperature ranges from – 30° C to 30° C goes through four seasons most trees lose their leaves in autumn rains throughout most of the year
coniferous forest (taiga)		<ul style="list-style-type: none"> temperature ranges from – 54° C to 30° C most of the trees have cones largest land biome
tundra		<ul style="list-style-type: none"> temperature ranges from -34° C to 6° C coldest of all the biomes little rain, lots of frost no trees grow and only a few small plants
grasslands (savanna/savannah)		<ul style="list-style-type: none"> dry season and rainy season temperatures range from – 40° C to 40+° C mostly grass grows, some individual trees
desert		<ul style="list-style-type: none"> temperatures can be over 50° C in the day, cold at night a place with very little precipitation (rain, sleet, snow, hail) very few plants or animals.



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

