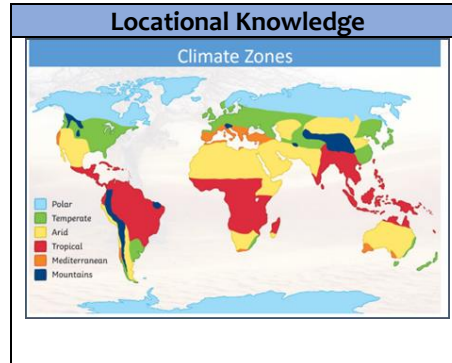




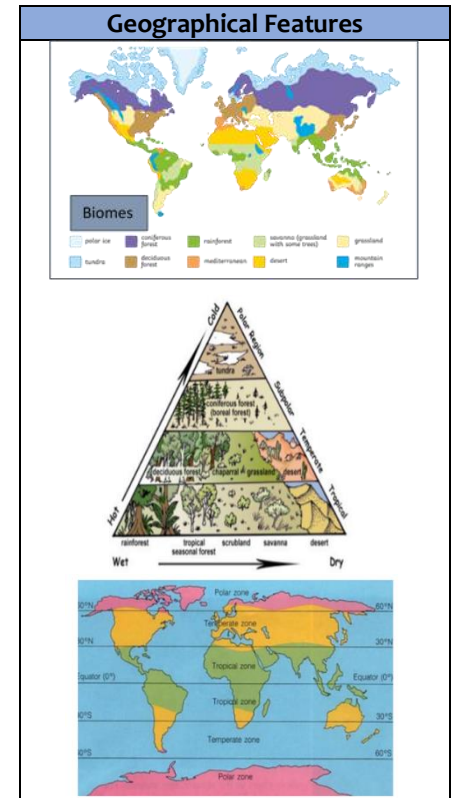
<b>Subject</b>	Geography	<b>Theme</b>	Climate Zones and Biomes	<b>Term</b>	3
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What should I already know?
<ul style="list-style-type: none"> <li>• That weather in the UK follows a seasonal pattern but varies day to day (KS1)</li> <li>• Where the hot and cold regions of the world are located (KS1)</li> <li>• The location of the Equator, the North Pole and South Pole. (KS1)</li> <li>• The meaning of some vocabulary such as – soil, vegetation, season, weather</li> <li>• Canada has a Continental climate and Greece has a Mediterranean climate</li> </ul>



Geographical Skills and Enquiry
<ul style="list-style-type: none"> <li>– Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps.</li> <li>– Identify and research the different climate zones and be able to understand the diversity of biomes within these areas.</li> <li>– Research and understand the challenges different plant and animal species face surviving in these regions. Investigate what adaptations these species have had to make.</li> </ul>

What should I know by the end of the unit?
<ul style="list-style-type: none"> <li>• The names and locations of the seven continents.</li> <li>• The name and location of different climate zones: polar, temperate, arid and tropical.</li> <li>• Name some features of the different climates and be able to compare these climate zones.</li> <li>• Name some different biomes: rainforest, deserts, temperate (including deciduous forests) and tundra.</li> <li>• Understand that biomes are ecosystems within different climates.</li> <li>• Know that vegetation belts are areas of the world with distinct plant types dependent on the climate they are in and that these plants (together with the animals that live here), have had to make adaptations to survive.</li> <li>• Know that humans use and interact with both deciduous forest and tropical rainforest biomes and this use may have a negative impact on the biome.</li> </ul>



Key Vocabulary	
biomes	global biomes are <u>large-scale ecosystems</u> named after their main <u>vegetation type</u> , like temperate deciduous forests and tropical rainforests. These environments have a unique mix of plants and animals.
climate	climate is ' <u>average weather</u> '. Meteorologists work out what the average is by using information about temperature and precipitation collected over thirty years or more.
ecosystem	a community of plants and animals and their non-living environment
deciduous	a tree or shrub which sheds its leaves annually – normally during Autumn.
habitat	the natural home or environment of an animal, plant, or other organism.
adaptation	process of change by which a plant or animal becomes better suited to its environment.
zones	an area or stretch of land having a particular characteristic, purpose or use.
vegetation belt	an area with distinct plant types, determined by climate, soil, drainage and elevation of land.