



Geography
Year 5 Biomes—Why are Trees and forest Important?

Concepts
Locational Knowledge Physical Geography

Prior Learning	New Learning	Future Learning
<p>Understand the different climate zones of the world (tropical, temperate, polar), including the significance of the Tropics of Cancer and Capricorn, the Equator and the polar regions.</p> <p>Understand the basic process of global warming, its causes, implications and changes required. Identify and study the different climatic regions of UK and Europe.</p> <p>Understand the effect of climate on land use and settlements in different areas of the world, including different European countries</p>	<p>Understand how climate and vegetation are connected in biomes (e.g. the tropical rainforest and the desert).</p> <p>Describe different biomes and how plants and animals are adapted to them.</p> <p>Explain some ways biomes (including the oceans) are valuable, why they are under threat and how they can be protected.</p> <p>Map and label the six biomes on a world map.</p> <p>Understand how local woodland is used and changing using a variety of data collection methods.</p>	<p>Locate countries of North and South America, their environmental regions, key physical and human characteristics (e.g. coasts, seas, rivers, mountains, capitals, manmade landmarks, lakes and major cities).</p> <p>Study, understand, write about, draw and label key human and physical similarities and differences between the UK and North/South America, including climate, environmental regions, key physical and human characteristics (e.g. coasts, seas, rivers, mountains, capitals and other major cities, landmarks, lakes. population).</p> <p>Understand and compare the climate of North and South America with the UK.</p> <p>Describe and explain changing land use in North and South America, including the Amazon rainforest.</p> <p>Understand what life is like in cities, villages and other settlements of North and South America</p>

Sequence of Learning	Current Vocabulary	New Vocabulary
<p>What are Biomes? Explore the world's many different biomes Understand that biomes are large ecosystems</p> <p>Where are the world's Biomes Examine which biomes occur at different latitudes Explore which continents are most diverse in terms of biomes Examine countries with particularly diverse biomes in them</p> <p>Local and Global—Why are trees important? Why are tree important? Mapping local trees</p> <p>Mapping Changes in UK forests</p> <p>Global Trees and Forests</p> <p>Changes in forests around the world</p>	<p>Habitat</p> <p>Biodiversity</p> <p>Climate</p> <p>Climate zones</p> <p>Solar energy</p> <p>Equator</p> <p>Pole</p> <p>Latitude</p> <p>Temperature</p> <p>Location</p> <p>Adaption</p> <p>Interdependent</p>	<p>Biomes</p> <p>Ecosystems</p> <p>Global pattern</p> <p>Climate</p> <p>Flora (plants)</p> <p>Fauna (animals)</p> <p>Tropical rainforest</p> <p>Temperate deciduous forest</p> <p>Coniferous forest</p> <p>Taiga</p> <p>Tundra</p> <p>Grassland</p> <p>Desert</p> <p>Deforestation</p>

Trip/Visitor
<ul style="list-style-type: none"> Trip to Cannock Chase

Other Information	
--------------------------	--