
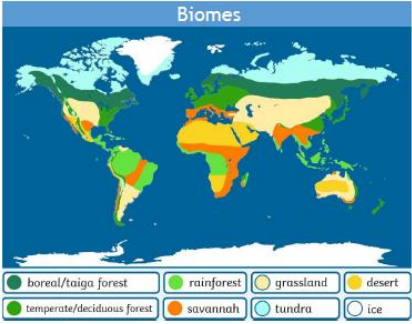
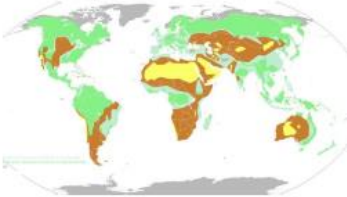




**Year 6 Autumn 1<sup>st</sup> half**  
**Where in the world could you survive?**

Week	NC objectives	Big question	REMEMBER (prior knowledge)	KNOW (new knowledge)
1	<p>Describe and understand key aspects of physical geography - climate zones, biomes.</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</p> <p>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).</p>	<p>What are climate zones and where in the world are they?</p>	<p>What and where the equator is.</p> <p>Weather is what it's like outside each day.</p> <p>Climate is weather patterns over time.</p> <p>UK has one climate.</p> <p>India and Mexico have different climates.</p>	<p>Climate zones – areas with distinct climates:</p> <p>Polar.</p> <p>Temperate.</p> <p>Arid.</p> <p>Tropical</p> <p>Mediterranean.</p> <p>Mountains (tundra).</p> <p>They form a horizontal belt around the Earth.</p> <div style="text-align: center;"> <p style="background-color: #4a86e8; color: white; padding: 2px; display: inline-block;">Climate Zones</p> </div>  <p>Locate them in relation to the equator, the Tropics of Cancer and Capricorn and the Northern and Southern Hemisphere.</p>

2	Use the 8 points of a compass, 4- and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.	What are the Earth's biomes?	Features of rainforests. Climate zones.	<p>Biomes are areas of the Earth with similar climates, landscapes, animals and plants.</p> <p>Six major biomes:</p> <ul style="list-style-type: none"> <li>Tropical rainforests.</li> <li>Temperate deciduous forest.</li> <li>Tundra.</li> <li>Savannah / grassland.</li> <li>Desert.</li> <li>Taiga (coniferous forest).</li> </ul> 
3		Where are the world's biomes and what is their climate like?	Weather is what it's like outside each day. Climate is weather patterns over time. Six major biomes.	<p>Tropical rainforest: warm and rains all year round. Found near the equator.</p> <p>Temperate deciduous forest: four distinct seasons. Located in Northern Hemisphere.</p> <p>Tundra: long, cold winters and cool summers. Located at the northernmost parts of the globe.</p> <p>Grassland: dry season and rainy season. Found on every continent except Antarctica.</p> <p>Desert: Located in both cold and warm climates across the globe, deserts are defined by their dryness</p> <p>Taiga: long, cold winters, short summers, and heavy precipitation.</p>

4		<p>What are vegetation belts and where are they found?</p>	<p>What a climate zone and biome is. Names of climate zones and biomes.</p>	<p>A vegetation belt is an area with distinct plant types, determined by climate, soil, drainage and elevation. Found within the Earth's biomes.</p> <p><b>Vegetation Belts</b></p> <p>There are five major vegetation belts:</p> <ul style="list-style-type: none"> <li>forest</li> <li>grassland</li> <li>tundra</li> <li>desert</li> <li>ice sheet</li> </ul> 
5		<p>What risks are there to the world's biomes?</p>	<p>Six major biomes. Threats to the rainforests, seashores and oceans.</p>	<p>Climate change due to human activity is putting biomes at risk.</p> <p>Three ways biomes are threatened by climate change:</p> <ul style="list-style-type: none"> <li>*evolution</li> <li>*rising sea levels</li> <li>*desertification.</li> </ul>
6		<p>How are biomes being protected and preserved?</p>	<p>Six major biomes and the threats to them. How rainforests and oceans are being protected.</p>	<p>Conservation is protecting species from extinction and maintaining and restoring habitats.</p> <p>Forest conservation:</p> <ul style="list-style-type: none"> <li>*carbon offsetting</li> <li>*protecting forests</li> <li>*raising awareness.</li> </ul>