

Year 6 – Summer – What is the secret to success?

- 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)
- physical geography, including: climate zones, biomes and vegetation belts,
- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

Previous Learning

- Year 5 – Arctic and Antarctic circles during Earth evolving topic
What sort of climate would you like to live in why?
- Year 3 – Rainforests during Mayan topic

Objective and Success Criteria	Coverage	Key Questions	Children should be able to	Resources
Locate the different climate zones on a world map	<ul style="list-style-type: none"> - On a map locate the major climate zones of the world Tropical, Temperate, Polar, Arid, Mediterranean, Mountains - Explain there are variations within these broad areas - Remind them that climate and weather are different – climate is the average over around a 30-year period – weather is day to day changes 	<p>What continents do they cover? Does this mean the weather is always like that?</p>	<ul style="list-style-type: none"> - Locate the 6 climate zones on a map 	<p>World map – Rainbow room</p> <p>Longitude and latitude</p> <p>Temperate woodlands</p> <p>Climate zones</p> <p>Biomes</p>
Identify the position of equator, topics and circles	<ul style="list-style-type: none"> - On a map locate the position of the equator, tropic of cancer, tropic of Capricorn, arctic and Antarctic circle - Make it clear these are not actual lines 	<p>How can you remember which tropic is north of the equator? Are we north or south of the equator?</p>	<ul style="list-style-type: none"> - Locate the equator, arctic and Antarctic circles on a map 	
Understand the link between latitude climate	<ul style="list-style-type: none"> - Look at where the climate zones are in relation to latitude - Consider how this impacts the climate of a region 	<p>How might our weather be different if we were further south?</p>	<ul style="list-style-type: none"> - Understand that tropical climate zones fall between the tropics of cancer and Capricorn 	
Know the key characteristics of the biomes that exist in climate zones	<ul style="list-style-type: none"> - Look at some of the biomes found within the major climate zones - Rainforest, forests, grasslands , tundra, desert, scrub - Look at the different plants and animals that are found there - Consider how they have 	<p>How has that animal adapted to live there? What would happen to this plant if you tried to grow it in....?</p>	<ul style="list-style-type: none"> - Be able to explain why a certain animal lives in a biome of their choice 	

	adapted to their environments			
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Assessment Questions

What sort of climate would you like to live in why?