

Year 3 Medium Term Geography Planner

Climate Zones

NC link Describe and understand key aspects of: physical geography, including: climate zones. • Identify the position and significance of latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Arctic and Antarctic Circle		Key Vocabulary Climate, latitude, weather, location, hemisphere, axis, sphere, season, Greenwich, GMT, equator, temperature, precipitation, rainfall, arid, polar, tropical, mediterranean, temperate	
Oracy lesson: Where Do Products Come From? <ul style="list-style-type: none">To understand things are provided by someoneTo understand that children in some countries work hard to make some of the product we use			
Enquiry Question 1: How does the location of a place affect its climate?	Enquiry Question 2: How can I show my understanding of the globe and its various divisions? Why is Greenwich important to me?	Enquiry Question 3: Am I in the Northern or Southern Hemisphere? How is my climate affected by this?	Enquiry Question 4: Can I use a variety of sources to research different climate zones? Can I see a polar bear live in a tropical climate?
Key knowledge: Weather describes the conditions of a particular place and climate describes the conditions of a place over a longer period (e.g., 30 years). Consider: The last time children learnt about weather was in Y1 – what is the difference between weather and climate? Look at a world map and consider what the lines might mean. What is latitude? How are the lines of latitude linked to the climate? How does the shape of the world affect the climate? Geographical skills: Place knowledge	Key knowledge: The globe is divided into two halves by an imaginary line called the equator. Lines of latitude run East to West. Lines of longitude run between the North and South Pole. We use GMT to set our time. Consider: Locating the UK, Leeds and Greenwich on a map. Why is Greenwich important to us? GMT sets the time for the rest of the world. What is the weather like on the equator compared to us? Label a map with the lines of latitude/longitude/equator/north pole/south pole. Geographical skills: Locational knowledge Geographical skills and fieldwork	Key Knowledge: The equator divides the globe into the Northern and Southern hemisphere. Countries closer to the equator usually have warmer climates. Consider: Teaching the location of the northern and southern hemisphere. Look at identifying the location of some countries on a map of the world. Are they located in the Northern or Southern hemisphere? What do you notice about the climate of countries in these hemispheres? How does the equator affect the climate? Geographical skills: Geographical skills and fieldwork	Key knowledge: There are 5 climate zones: Tropical, Mediterranean, Arid, Temperate, Polar. Consider: Splitting children into groups and giving each group a different climate zone to research and make a presentation about. They can then present this to the rest of the class to inform them about their climate zone. Which animals live in hot and cold climates? Geographical skills: Place knowledge
Enquiry Question 5: Can I explore weather patterns within a climate zone to find out where is best to celebrate Christmas on the beach?	Enquiry Question 6: Can I understand weather terms and predictions?	Making connections across subjects English - Learn about Climate change and write reports about what climate change is. Write persuasive texts about why we need to protect the environment to reduce climate change. Learn about Greta Thunberg or	

<p>Key knowledge: Graphs are used to compare rainfall and temperature across the globe. Consider: If we wanted to spend Christmas day on the beach what kind of weather would we need? What climate would be ideal? Look at the average rainfall and temperature of different countries in various climates and analyse the graphs to decide where would be an appropriate place to celebrate Christmas on the beach. Geographical skills: Place knowledge</p>	<p>Key knowledge: Meteorologists study the weather and climate using data from the land, sea, and atmosphere to predict (forecast) the weather. Consider: How do the Met Office predict the weather? Can children watch a weather report? Record their own weather report for a chosen country using their knowledge about climates? What is a hurricane? Geographical skills: Geographical skills and fieldwork</p>	<p>David Attenborough- what are they doing to raise the profile of climate change? Write a biography about them. Write instructions for a younger child to tell them how to make a rain gauge. DT – Design and make a windsock or a rain gauge to measure rainfall and the direction of the wind. Place the rain gauges around school – where do you predict will get the most rainfall? Do you think the woods or KS2 playground will receive more rainfall? Why? Maths – keep a temperature diary over a few weeks – analyse the results and plot them on a graph.</p>
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