

Finn's Climate Expedition: Sorting the Zones

Learning objective: To understand the main climate zones of the world and their key characteristics.

Finn the dolphin has been swimming across the globe! He has collected descriptions of different climate zones. Look at the word bank and sort the phrases into the correct climate zone category: Polar, Temperate, or Tropical. Write the phrases under the correct heading in your table.

Word bank: Temperatures rarely rise above freezing · High humidity and heavy rainfall all year · Four distinct seasons · Located near the Equator · Found at the North and South Poles · Mild winters and warm summers · Dense rainforests and lush greenery · Snow and ice cover the ground · Moderate weather patterns

1. Create a table with three columns: 'Polar', 'Temperate', and 'Tropical'. Sort the nine phrases from the word bank into the correct climate zone. Explain why the Tropical zone stays warm throughout the year. (6 marks)

2. Which climate zone do you think is best suited for growing crops that need a lot of sunshine and water? Give one reason for your choice. (2 marks)

3. If Finn the dolphin swims from the Equator towards the North Pole, how would the climate change? Describe the shift in temperature. (2 marks)

4. True or False: The United Kingdom is located in the Tropical climate zone. Justify your answer using your knowledge of UK weather. (2 marks)

5. Think about our daily lives. List two ways the Temperate climate influences the type of clothing you wear throughout the year. (2 marks)

Draw: Draw a globe and color code the three climate zones: use blue for the Polar regions, green for the Temperate regions, and bright yellow/orange for the Tropical regions near the Equator.



Extension challenge: Research a country located in each of the three zones. Write a short postcard from Finn the dolphin describing what he sees and feels in one of those countries, mentioning the specific climate zone.