

Finn's Global Weather and Climate Explorer

Learning objective: To understand the difference between weather and climate and identify the characteristics of different climate zones.

Join Finn the dolphin on his global expedition! Use this fact-file to research and record your findings about how weather patterns change across the world. Use the word bank to help you complete each section accurately.

Word bank: Equator · Precipitation · Temperature · Climate Zone · Atmosphere · Meteorology · Humidity · Tropical · Polar · Temperate

1. Weather vs. Climate: Explain the difference between daily weather and long-term climate in your own words. (2 marks)

2. The Equator: Describe why regions near the Equator experience such high temperatures all year round. (2 marks)

3. Climate Zones: Choose one climate zone (e.g., Polar or Tropical). List three characteristics of the weather found there. (3 marks)

4. Human Impact: How do different climates affect the types of clothes people wear or the houses they live in? (2 marks)

5. Data Collection: If you were a meteorologist, what instruments would you use to measure the weather in your local area? (2 marks)

Extension challenge: Research a specific country. Create a mini-report explaining its climate zone and what the weather is like there during different seasons.