

Finn's Global Weather Expedition

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

Finn the dolphin is traveling across the globe. Help him map out the world by sorting these statements into either 'Weather' (short-term conditions) or 'Climate' (long-term patterns). Then, match the descriptions to the correct climate zone using the word bank provided.

Word bank: Polar · Tropical · Temperate · Arid

1. Sort these two statements: A) 'It is raining in London today.' B) 'The Sahara Desert is generally very dry throughout the year.' Which is weather and which is climate? Explain why. (2 marks)

2. This zone is located near the Equator, is very hot and humid all year, and experiences heavy rainfall. Which zone is this? (1 mark)

3. This zone has four distinct seasons, including mild summers and cool winters. Which zone is this? (1 mark)

4. This zone is characterised by extremely low temperatures and ice all year round. Which zone is this? (1 mark)

5. This zone receives very little rainfall and has high daytime temperatures. Which zone is this? (1 mark)

Draw: Draw a map of the world and color-code the four climate zones (Polar, Tropical, Temperate, and Arid) using a key to show which color represents which zone.



Extension challenge: Imagine you are an explorer visiting an Arid climate. Write a short diary entry describing what you see, feel, and hear. How does this differ from the weather in your local area today?