

Finn's Global Weather Expedition

Learning objective: To understand the difference between weather and climate and identify how they affect different geographical regions.

Finn the dolphin is mapping the world's climates. Study the descriptions of different locations below. For each location, decide if the description refers to the 'Weather' (what is happening right now) or the 'Climate' (the long-term pattern of weather in a region). Then, justify your choice using your knowledge of geography.

Word bank: Weather · Climate · Precipitation · Temperature · Atmosphere · Meteorology

1. 'Today, the sky over the school playground is grey and it is raining heavily.' Is this weather or climate? Explain why. (2 marks)

2. 'The Sahara Desert is known for being extremely hot and dry all year round.' Is this weather or climate? Justify your answer. (2 marks)

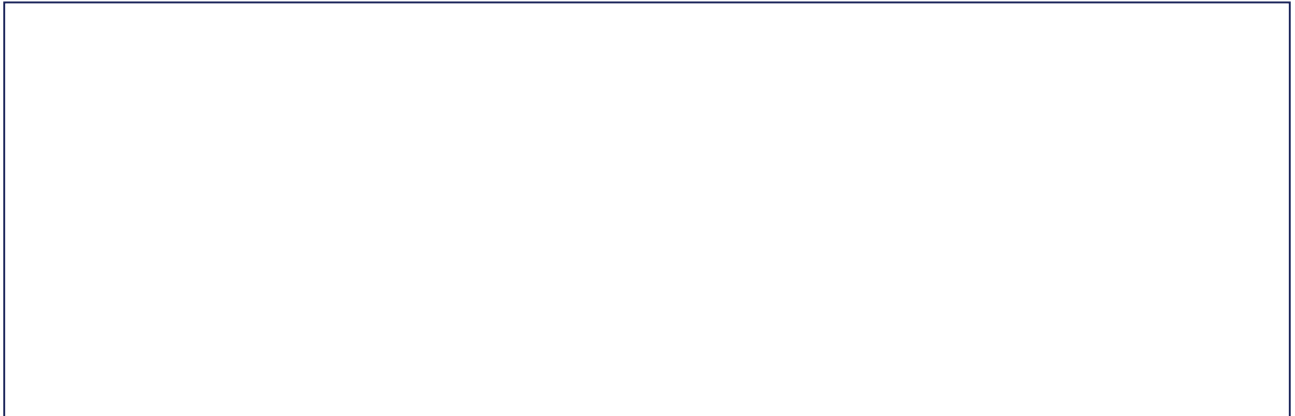
3. 'The wind speed in the Atlantic Ocean is currently 20 miles per hour.' Is this weather or climate? Explain your reasoning. (2 marks)

4. Compare and contrast: How does the climate of the Arctic differ from the climate of the Amazon Rainforest? Consider temperature and rainfall. (2 marks)

5. What might happen if a region that usually has a cold, snowy climate experienced record-breaking high temperatures for ten years in a row? (2 marks)

6. 6. Justify your answer: Why is it important for farmers to understand both the daily weather and the long-term climate of their region before planting crops? (2 marks)

Draw: Draw a split-screen illustration. On the left side, draw a scene representing 'Weather' (a specific, short-term event like a thunderstorm). On the right side, draw a scene representing 'Climate' (a landscape that shows evidence of long-term patterns, like a snowy polar region or a dry, sandy desert).



Extension challenge: Imagine you are an explorer travelling across the globe. Choose two very different locations. Write a detailed journal entry for each, describing the weather on that specific day and explaining how those conditions fit into the overall climate of that region.