

Weather and Climate with Finn the Dolphin

Learning objective: To understand the difference between weather and climate and identify how they vary across the globe.

Finn the Dolphin is traveling the world's oceans! Help him understand the atmosphere by answering the questions below. Use the word bank if you get stuck.

Word bank: Climate · Weather · Precipitation · Temperature · Equator · Tropical

1. Explain the difference between 'weather' and 'climate'. How is a sunny afternoon different from a tropical climate? (2 marks)

2. Which piece of equipment would Finn use to measure the temperature of the air, and what unit of measurement would he use? (2 marks)

3. If Finn swims near the Equator, what kind of climate should he expect to find? Describe the typical temperature and rainfall there. (2 marks)

4. What do geographers mean by the word 'precipitation'? Give two examples of precipitation that might fall from the sky. (2 marks)

5. Why does the weather usually get colder as Finn swims further away from the Equator towards the North or South Poles? (2 marks)

6. Imagine Finn visits a place with a 'temperate' climate, like the United Kingdom. Describe what the weather might be like across the four seasons. (3 marks)

Draw: Draw a picture of Finn the Dolphin in two different climates: one where it is freezing cold and snowy, and one where it is hot and tropical!



Extension challenge: Research and write down the name of one country that has a desert climate and one country that has a polar climate.