

Finn's Climate and Weather Wonders Quiz

Learning objective: To identify and describe the differences between weather and climate, and understand global climate zones.

Join Finn the dolphin on an expedition across the globe! Answer these 10 questions to test your knowledge of our planet's climate zones and weather patterns.

Answer Key: 1. B (Climate); 2. True; 3. Equator; 4. C (Polar); 5. False; 6. A (Temperate); 7. Precipitation; 8. C (Tropics); 9. True; 10. False. Remember: Weather is what happens today, climate is the average over a long time!

Word bank: Equator · Climate · Weather · Tropics · Polar · Temperate · Atmosphere · Precipitation

1. 1. What do we call the average weather conditions in a place over a very long period of time? A) Meteorology, B) Climate*, C) Atmosphere, D) Forecast. (1 mark)

2. 2. True or False: Weather can change from hour to hour, but climate usually stays the same for many years. (1 mark)

3. 3. Which imaginary line circles the middle of the Earth and receives the most direct sunlight? (1 mark)

4. 4. Which climate zone is found at the very top and bottom of the Earth, where it is freezing cold? A) Tropical, B) Temperate, C) Polar*, D) Mediterranean. (1 mark)

5. 5. True or False: All countries in the world have exactly the same climate. (1 mark)

6. 6. The UK has a climate that is not too hot and not too cold. What is this zone called? A) Temperate*, B) Arid, C) Tropical, D) Tundra. (1 mark)

7. 7. What is the scientific term used to describe rain, snow, sleet, or hail? (1 mark)

8. 8. Where would you find a hot and humid climate with lots of rainfall all year round? A) The poles, B) The mountains, C) The Tropics*, D) The desert. (1 mark)

9. 9. True or False: The distance from the Equator affects the temperature of a region. (1 mark)

10. 10. True or False: A desert is always hot during the night. (1 mark)

Draw: Draw a map of the world and color-code the three main climate zones: Polar (blue), Temperate (green), and Tropical (orange).



Extension challenge: Research one country from each climate zone. Write a short paragraph explaining what clothes you would need to pack if you visited them in July.