

Year 4 Geography: Weather and Climate Assessment

Learning objective: To demonstrate understanding of the difference between weather and climate, identify different climate zones, and explain how weather is measured.

Read each question carefully. Write your answers clearly in the spaces provided. Answer all questions to the best of your ability.

Word bank: Temperature · Precipitation · Tropical · Polar · Temperate · Anemometer · Thermometer · Climate

1. What is the main difference between 'weather' and 'climate'? Explain your answer. (2 marks)

2. Finn the dolphin is travelling to different parts of the world. If he visits a 'Tropical' climate zone, what would the weather usually be like there? Give two characteristics. (2 marks)

3. Match the weather instrument to what it measures:

1. Thermometer -> _____

2. Anemometer -> _____ (2 marks)

4. Describe the characteristics of a 'Polar' climate. How is it different from a 'Temperate' climate like the one we have in the UK? (4 marks)

5. What does the word 'precipitation' mean in geography? Give two examples of precipitation. (3 marks)

6. Imagine you are helping Nova the owl plan a trip to a very hot, dry desert. Which items of clothing and equipment should she pack to stay safe in this climate, and why? (4 marks)

7. Extended Writing: Explain how the weather might affect the way people live in a specific climate zone. Think about the houses they build, the clothes they wear, and the food they might grow. Choose one climate zone (Tropical, Polar, or Temperate) for your answer. (5 marks)

Draw: In the space provided, draw a simple diagram of a weather symbol for 'Thunderstorms' and a symbol for 'Partly Cloudy'.



Extension challenge: Total: /25