

Weather and Climate Assessment

Learning objective: To identify the difference between weather and climate and understand how to measure weather.

Read each question carefully. Use the word bank if you get stuck. Write your answers on the lines provided.

Finn the dolphin is travelling across the ocean. He notices that today it is rainy and cold in one spot. He also knows that some parts of the world are hot all year round. Nova the owl watches the sky to see if it will be sunny or stormy tomorrow.

Word bank: Climate · Weather · Thermometer · Rain gauge · Temperature

1. 1. Nova looks at the sky to see if it is sunny or rainy today. Is this weather or climate? (2 marks)

2. 2. Which tool would Finn use to measure how much rain has fallen in the ocean? (2 marks)

3. 3. What do we call a tool that measures the temperature? (2 marks)

4. 4. Explain the difference between weather and climate in your own words. Use the sentence starter: 'Weather is... Climate is... ' (4 marks)

5. 5. Why is it important for farmers to know the weather forecast? Give two reasons. (4 marks)

6. 6. Imagine you are planning a trip to a hot country. Write a short paragraph about what the climate is like there and what clothes you would pack. Use these words: 'hot', 'sun', 'shorts'. (5 marks)

7. 7. Look at a map of the UK. Why do you think the north of the UK is often colder than the south? (4 marks)

Draw: Draw a picture of your favourite type of weather. Add a label to your drawing to show what it is.



Extension challenge: Total: /25. Challenge: Can you find out what the climate is like in the Arctic? Write one sentence about it.