

Understanding Climate

Learning objective: To understand the different types of climate and how they affect the environment.

Use the word bank to complete the sentences. Read each question carefully and write your answers in full sentences.

Word bank: desert · temperate · arctic · tropical · rainforest · cloudy · sunny

1. What type of climate is found in areas with very little rainfall? (2 marks)

2. Which type of climate is found in areas around the equator with high temperatures and high levels of rainfall? (2 marks)

3. How does a sunny day affect the climate in a desert? (2 marks)

4. What would happen to the plants in a rainforest if it became cloudy for an extended period? (2 marks)

5. Compare and contrast the climates of the arctic and tropical regions. (3 marks)

6. What type of climate is often associated with a temperate region? (2 marks)

Draw: Draw a map of the world showing the different types of climates. Use a key to label each region.



Extension challenge: Imagine you are a scientist studying the effects of climate change. Suggest three ways people can help reduce their impact on the environment.