

Climate Explorer Fact-File

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

Imagine you are a climate explorer. Fill in the fact-file below to learn more about the climate in different parts of the world.

Read the following text and think about what you know about climate:

The climate in different parts of the world can be very different. In tropical countries, it is warm and sunny all year round. In desert countries, it can be very hot and dry. In temperate countries, the weather is mild and there are four seasons. In polar countries, it is cold and icy all year round. Rainforests are found near the equator and are hot and humid. What are some other characteristics of each climate type?

[Passage and drawing prompt for children to add their own illustrations and thoughts]

Word bank: tropical · desert · temperate · polar · rainforest · season · habitat · weather · ocean

1. What is the main feature of a tropical climate? (1 mark)

2. What type of climate is found in desert countries? (1 mark)

3. How many seasons are there in temperate countries? (1 mark)

4. What is a rainforest? (2 marks)

5. What is the climate like in polar countries? (1 mark)

6. What is the difference between weather and climate? (2 marks)

Draw: Draw a map of the world and label the different types of climate.



Extension challenge: Research and write about a specific climate type that interests you. What are some of its unique features and how do they affect the environment?