

# Exploring the Frozen Ends of the Earth

*Learning objective: To identify and describe the key characteristics of the Arctic and Antarctic regions.*

Finn the dolphin is mapping the coldest places on Earth! Help him complete his research by answering the questions below. Use the word bank to help you with your spelling.

*Word bank: Arctic · Antarctic · North Pole · South Pole · Permafrost · Glacier · Tundra · Iceberg*

**1. Which polar region is located at the North Pole, and which is located at the South Pole? (2 marks)**

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**2. What is the difference between a glacier and an iceberg? (2 marks)**

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**3. Explain why very few plants can grow in the tundra. Think about the soil and the temperature. (3 marks)**

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**4. If you were travelling to the Antarctic, what are two pieces of clothing you would need to pack to stay warm, and why? (2 marks)**

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**5. Name one animal found in the Arctic and one animal found in the Antarctic. Do they live in the same place? (3 marks)**

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**6. What is 'permafrost', and in which polar region would you find it? (2 marks)**

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**Draw:** Draw a diagram showing the difference between the Arctic (an ocean surrounded by land) and the Antarctic (a continent surrounded by ocean). Label both clearly!



*Extension challenge: Imagine you are a scientist living in a research station in the Antarctic. Write a short diary entry describing how you stay warm and what you have observed about the ice today.*