

Finn's Global Explorer Fact-File

Learning objective: To identify, locate, and describe the key characteristics of the world's continents and oceans, using geographical vocabulary to compare their unique features.

Join Finn the dolphin on a global expedition! Use your atlas or classroom resources to fill in this explorer's fact-file. For each section, provide precise geographical information and ensure your explanations are supported by evidence.

Word bank: Hemisphere · Equator · Latitude · Longitude · Tectonic · Biodiversity · Topography · Climate · Archipelago · Meridian

1. Continental Classification: Choose one continent. Identify its location relative to the Equator and explain how its latitude influences its climate. (3 marks)

2. Oceanic Analysis: Compare and contrast two of the world's oceans. Consider their size, temperature, and the major currents that flow through them. (4 marks)

3. Geographical Justification: Explain why the majority of the world's population is concentrated on specific continents rather than others. What physical factors might influence this? (4 marks)

4. The Human Impact: What might happen to global sea levels if polar ice caps continue to melt? Describe the potential impact on coastal regions near the major oceans. (4 marks)

5. Interconnected Systems: Evaluate the relationship between the world's oceans and global weather patterns. How does ocean circulation regulate the temperature of the landmasses? (4 marks)

6. Exploratory Challenge: If you were tasked with mapping a new, undiscovered island, which continent would it likely be near, and what climate zone would it occupy? Justify your reasoning using geographical evidence. (5 marks)

Extension challenge: Imagine you are an explorer writing a journal entry from the middle of the Pacific Ocean. Write a paragraph describing the physical environment around you, focusing on the scale of the ocean and the biodiversity you might encounter beneath the surface.