

Mapping Our Magnificent World: Continents and Oceans

Learning objective: To identify, locate, and compare the world's seven continents and five oceans, demonstrating an understanding of their geographical significance.

Use your geographical knowledge and atlas skills to answer the questions below. Finn the Dolphin is ready to help you navigate these tasks!

Finn the Dolphin has spent his life travelling the globe. From the icy, nutrient-rich waters of the Southern Ocean to the tropical currents of the Indian Ocean, Finn understands how our continents and oceans are interconnected. As a Year 5 geographer, you must now demonstrate your expertise in global mapping, climate zones, and the physical characteristics of our planet.

Word bank: Arctic · Southern · Atlantic · Pacific · Indian · Equator · Hemisphere · Latitude · Longitude · Tectonic

1. Compare and contrast the Arctic and Southern Oceans. In your answer, consider their locations relative to the poles and the impact of the climate on the wildlife found there. (3 marks)

2. Explain why the Pacific Ocean is considered the most significant ocean in terms of global weather patterns and physical size. (2 marks)

3. If you were to travel from the United Kingdom to Australia by ship, which oceans would you cross? Describe the route you would take. (3 marks)

4. Justify your answer: Why is it important for geographers to use lines of latitude and longitude when identifying the location of a continent? (2 marks)

5. Identify the continent that spans all four hemispheres (Northern, Southern, Eastern, and Western). Explain how this is geographically possible. (2 marks)

6. What might happen if the global sea levels rose significantly, changing the shape of our current continents? Consider the impact on coastal geography. (3 marks)

Draw: Draw a sketch map of the world. Ensure you label all seven continents and five oceans clearly. Use colour to distinguish between the landmasses and the water bodies.



Extension challenge: Imagine you are an explorer planning a round-the-world expedition. Create a budget for your trip, allocating £5,000 for travel costs, £2,500 for equipment, and £1,500 for emergency supplies. Calculate your total expenditure and write a brief diary entry justifying why you have chosen to visit three specific continents, explaining the unique geographical features you hope to study in each.