

Coastal Explorer Fact-File: My Study of the Shoreline

Learning objective: To identify and describe the physical and human features of the British coastline, understanding how processes like erosion and deposition change the land.

Join Finn the dolphin on a coastal expedition! Use this fact-file to record your findings about a specific stretch of coastline. Research different landforms and think about how humans interact with the seaside. Use the word bank to help you describe what you see.

Word bank: Erosion · Deposition · Headland · Bay · Stack · Lighthouse · Tourism · Longshore drift · Coastal defense · Pebble beach

1. Coastal Location: Name the stretch of coastline you are studying and describe its main physical features (e.g., is it rocky or sandy?). (2 marks)

2. Erosion at Work: Explain how the sea is changing this coastline. What evidence can you see of erosion or deposition? (3 marks)

3. Human Impact: How do people use this area? Mention at least one way humans have changed or protected the coastline. (2 marks)

4. Coastal Defense: If you were tasked with protecting this area from flooding or cliff collapse, what method would you suggest and why? (3 marks)

5. Environmental Care: Why is it important for us to protect our coastlines for animals like Finn, and what can visitors do to help keep the beach clean? (2 marks)

Extension challenge: Imagine you are a coastal scientist. Write a short field report explaining what this coastline might look like in 50 years' time if the current rate of erosion continues.