

Finn's Coastal Explorer Fact-File

Learning objective: To identify, describe, and explain the physical and human features of a coastal environment.

Join Finn the dolphin on a coastal expedition! Use this fact-file to record your research about a specific stretch of coastline. Observe the unique landforms, identify how people use the area, and consider how the environment is shaped by the sea. Write in full, descriptive sentences and use your best geographical vocabulary.

Word bank: erosion · deposition · headland · bay · tourism · harbour · sea wall · cliffs · sandy beach · coastal defense

1. Physical Features: Describe the landforms you can see at this coastline. Explain why these features might have formed here. (3 marks)

2. Human Impact: How do people use this stretch of coast? Consider jobs, leisure activities, or transport. (2 marks)

3. Coastal Protection: Compare and contrast the natural environment with any human-made defenses. Why are these defenses necessary? (3 marks)

4. Justify your answer: If a new harbour were built in this location, what might happen to the local wildlife and the shape of the beach? (4 marks)

5. Environmental Change: Explain why the coastline looks different today compared to how it might have looked one hundred years ago. (3 marks)

6. Creative Extension: Imagine you are a coastal manager. Propose one creative solution to protect a beach from the power of the waves without damaging the natural beauty of the area. (5 marks)

Extension challenge: Research a real-life coastal town in the UK. Create a persuasive leaflet for tourists that explains both the beauty of the geography and the importance of protecting the coastline from erosion.