

Finn's Coastal Explorer Challenge

Learning objective: To identify and describe key physical features of a coastline and understand how they are formed.

Finn the dolphin is mapping the coastline! Look at the list of coastal features below. Match each term to its correct definition by writing the letter of the definition next to the feature. Then, use the word bank to fill in the missing gaps in the sentences provided.

Word bank: erosion · cliff · beach · stack · headland · deposition

1. Match the feature to the definition: 1. Cliff (), 2. Headland (), 3. Stack (). Definitions: A) A high, steep face of rock along the coast. B) A tall pillar of rock separated from the mainland by waves. C) A piece of land that juts out into the sea. (3 marks)

2. The process of waves wearing away the rock is called _____. (1 mark)

3. When waves drop sand and pebbles onto the shore, this is known as _____. (1 mark)

4. Finn spots a wide, sandy area by the water. Is this a cliff or a beach? (1 mark)

5. Explain why a headland might change shape over many years. (2 marks)

Draw: Draw a cross-section of a coastline. Include a tall cliff, a sandy beach, and a headland jutting into the sea. Label each part using the words from the bank.



Extension challenge: Imagine you are a coastal explorer. Write a short diary entry (3-4 sentences) describing what you saw at the beach today, using at least three of the words from the word bank.