# Finn’s Coastal Adventure

*Learning objective: To understand the physical features of a coastline and how they are formed.*

Read the text carefully and answer the questions below using full sentences.

Finn the dolphin loves to swim along the jagged coastline of the United Kingdom. He spends his days mapping the different features he finds where the land meets the sea. Sometimes, Finn visits tall, sturdy cliffs made of hard rock. He watches as the waves crash against the bottom, slowly wearing the stone away through a process called erosion. In other places, the land is much lower, forming sandy beaches where children like to build castles. Finn often explores sheltered spots called harbours, where boats stay safe from the rough, open sea. Twice a day, Finn notices the tide changing; the water creeps further up the sand, then pulls back to reveal colourful pebbles and shells left behind. He knows that the coast is always changing, shaped by the powerful energy of the ocean waves. Whether it is a steep cliff or a flat, sandy bay, every part of the coastline tells a story of how the water and land interact over many years.

*Word bank: coastline · erosion · cliffs · pebbles · tide · harbour*

**1. According to the text, what is the name of the process that happens when waves wear away the cliff rock? (1 mark)**

**2. What does Finn look for when he is searching for a place where boats can stay safe? (1 mark)**

**3. Why might a sandy beach look different in the morning compared to the afternoon? (2 marks)**

**4. Based on the text, why do you think cliffs are often found at the coast? (2 marks)**

**5. If you were visiting the coast, would you prefer to explore a high cliff or a sandy beach? Give a reason for your choice. (2 marks)**

**Draw: Draw a picture of a coastline featuring a tall cliff on one side and a sandy beach on the other. Include a small boat in a harbour and some shells on the sand.**

*Extension challenge: Research one famous coastal landmark in the UK, such as the White Cliffs of Dover or Durdle Door. Write three interesting facts about how it was formed.*