

Finn's Coastal Expedition: A Geography Quiz

Learning objective: To identify and describe the physical features of a coastline and understand the processes of erosion and deposition.

Join Finn the dolphin on a journey around the UK's coastline! Read each question carefully and use your geography knowledge to help Finn map the shores. Complete the quiz and check your answers in the passage below.

Answer Key: 1. A (Coastline); 2. True; 3. Erosion; 4. B (A sheltered inlet); 5. False (Sand is deposited); 6. Stack; 7. C (Waves wearing away rock); 8. True; 9. Sediment; 10. B (Coastal management).

Word bank: Erosion · Deposition · Headland · Bay · Stack · Coastline · Sediment · Longshore drift

1. 1. What do we call the area where the land meets the sea? A) Coastline* B) Mountain range C) Urban centre D) Desert (1 mark)

2. 2. True or False: A headland is a piece of hard rock that sticks out into the sea. (1 mark)

3. 3. What is the process called when waves break down cliffs over time? (One-word answer) (1 mark)

4. 4. What is a 'bay'? A) A tall cliff B) A sheltered inlet of water* C) A man-made harbour D) A sandy forest (1 mark)

5. 5. True or False: Deposition is the process where the sea takes rock and sand away from the beach. (1 mark)

6. 6. When a natural arch collapses, what isolated pillar of rock is left standing in the water? (One-word answer) (1 mark)

7. 7. How is a sea cave formed? A) Humans dig it B) Fish carve it C) Waves wearing away weak rock* D) Volcanic eruptions (1 mark)

8. 8. True or False: The UK is an island, so it has a coastline all the way around it. (1 mark)

9. 9. What is the name for the small particles of sand, shingle, and pebbles moved by the sea? (One-word answer) (1 mark)

10. 10. Which of these is a way to protect the coast from erosion? A) Building a skyscraper
B) Sea wall* C) Planting cactus D) Removing sand (1 mark)

Draw: Draw a diagram of a coastline. Include a 'headland' with a 'sea cave' on one side and a sandy 'bay' on the other. Label these features clearly for Finn the dolphin.



Extension challenge: 1. Explain why some parts of the UK coastline change shape faster than others. 2. Compare and contrast a sandy beach with a rocky cliff; how do they differ in appearance and formation? 3. Justify your answer: If you were a town planner, would you build a hotel on top of a cliff made of soft clay? Why or why not? 4. What might happen if sea levels continue to rise? 5. Describe how a headland eventually turns into a stack. 6. Research a local coastal town; what human activities take place there that affect the environment?