

Finn's Explorer Grid Challenge

Learning objective: To identify and use 4-figure grid references to locate geographical features on a map.

Finn the dolphin is mapping out a new coastal nature reserve. Use the grid map provided by your teacher to help Finn record the important locations. Remember: go along the corridor (the bottom numbers) first, then up the stairs (the side numbers) to find your coordinates.

Word bank: grid reference · eastings · northings · coordinates · map key · feature · location

1. Identify the feature: Look at the 4-figure grid reference provided on your map. What geographical feature is located at this square? (2 marks)

2. Locate the feature: Finn wants to visit the 'Sandy Cove'. Find this feature on your map and write down its 4-figure grid reference. (2 marks)

3. Explain the steps: Describe in your own words how you find a 4-figure grid reference. Remember to mention both the horizontal and vertical lines. (3 marks)

4. Map Analysis: Is there anything located at [insert specific grid square from your map]? If so, what is it? If not, describe the landscape (e.g., forest, sea, beach). (2 marks)

5. Application: Finn wants to build a new visitor centre at [insert specific grid square]. Why is this a good location? Think about what is nearby. (3 marks)

Extension challenge: Create your own mini-map on squared paper. Draw four different landmarks (like a lighthouse, a forest, a mountain, and a bridge) and write three grid reference questions for a partner to solve.