# Finn’s Coastal Mapping Expedition

*Learning objective: To accurately identify and use four-figure grid references to locate features on a map.*

Finn the dolphin is mapping out his favourite coastal spots! Study the grid below. Each square represents a 1km by 1km area. Remember the rule: 'Along the corridor (easting), then up the stairs (northing)'. Use the grid to identify the location of the landmarks by writing down the four-figure grid reference for each.

*Word bank: Easting · Northing · Grid Reference · Coordinate · Map Key · Landmark*

**1. The Coral Reef is located in the square where the easting line 04 meets the northing line 12. What is the four-figure grid reference? (2 marks)**

**2. Finn spots a Sunken Ship in the square directly to the right of the Coral Reef (easting 05, northing 12). What is the grid reference? (2 marks)**

**3. A Hidden Cave is found at 06 14. Explain how you found this square using the 'corridor and stairs' method. (3 marks)**

**4. There is a Lighthouse located at 03 15. If Finn swims from the Lighthouse to the Hidden Cave (06 14), how many squares east and how many squares south does he move? (3 marks)**

**5. Finn wants to build a new Seaweed Farm at 05 13. Is this square north or south of the Sunken Ship (05 12)? (2 marks)**

**Draw: Draw a 5x5 grid. Label the bottom axis (eastings) 03 to 07 and the side axis (northings) 11 to 15. Draw Finn the dolphin at 04 13 and a treasure chest at 06 15.**

*Extension challenge: Imagine you are designing your own island. Create a 6x6 grid and place five different landmarks. Write three clues for a friend using four-figure grid references so they can find your hidden treasures!*