

Mapping the Meadow with Finn and Kit

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

Use the provided map of the Meadow to answer the questions below. Remember the golden rule of mapping: 'Along the corridor and up the stairs!' Find the vertical line (easting) first, then the horizontal line (northing).

Imagine a square grid laid over the Meadow. The vertical lines (eastings) are numbered 10, 11, 12, 13, and 14. The horizontal lines (northings) are numbered 20, 21, 22, 23, and 24. Finn the Dolphin and Kit the Fox have marked these locations: The Blue Pond is in square 11, 21. The Old Oak Tree is in square 13, 23. The Picnic Bench is in square 12, 22. The Butterfly Garden is in square 14, 20.

Word bank: Grid reference · Easting · Northing · Map symbol · Coordinate · Four-figure

1. Finn is standing at the Blue Pond. Using the coordinates provided in the passage, what is the four-figure grid reference for the Blue Pond? (1 mark)

2. Kit finds a shiny pebble in square 13, 23. Based on the passage, which landmark is located there? (1 mark)

3. If you move from the Picnic Bench (12, 22) one square to the right (east) and one square up (north), what is your new grid reference? (2 marks)

4. Explain why we must always look at the vertical line first when finding a grid reference. (2 marks)

5. The Butterfly Garden is at 14, 20. If you walk from the Butterfly Garden to the Blue Pond (11, 21), how many squares west and how many squares north do you travel? (2 marks)

Draw: Draw a 5x5 grid. Label the bottom lines 10-14 and the side lines 20-24. Place a small drawing of a flower in square 12, 24 and a drawing of a stone in square 10, 22.



Extension challenge: Kit the Fox wants to hide a treasure map. Create your own grid reference for a hidden 'treasure' on your grid and write a clue for a friend using the coordinates.