

Max the Monkey's Coordinate Adventure

Learning objective: To describe positions on a 2D grid as coordinates in the first quadrant.

Follow Max the Monkey to find the treasure. Remember: Go along the corridor (x-axis) first, then up the stairs (y-axis).

Max has hidden his favourite snacks on a garden grid. Each snack is at a special point. Use the grid to help Max find them.

Word bank: x-axis · y-axis · coordinate · along · up · grid

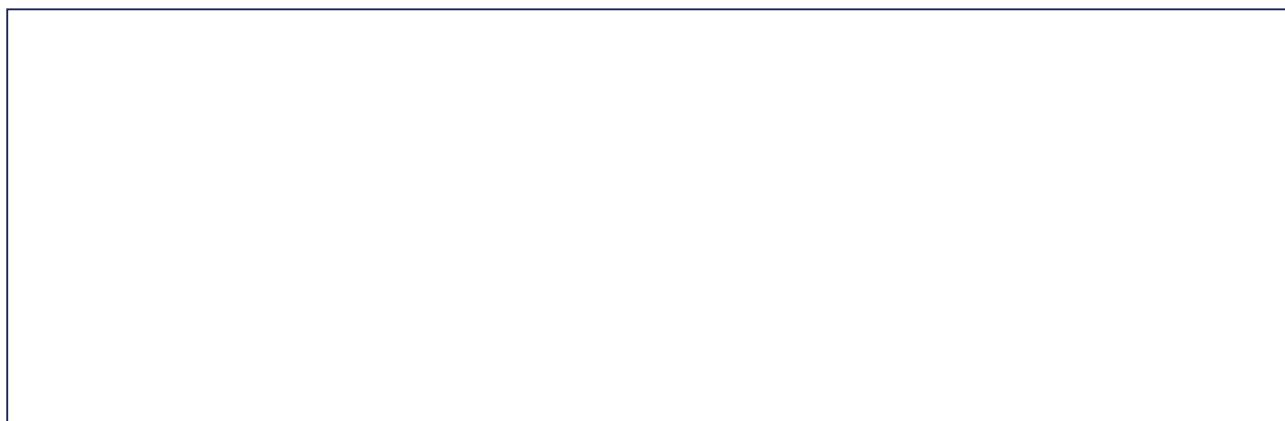
1. Max put a banana at (2, 3). Place a dot on the grid at (2, 3) and label it B. (2 marks)

2. Look at the apple on the grid at (4, 1). Write the coordinate for the apple. (1 mark)

3. Max moved from the banana at (2, 3) to the nut at (5, 3). Did he move along or up? (1 mark)

4. The grapes are at (1, 4). Start at zero. How many squares do you go along and how many squares do you go up? (2 marks)

Draw: Draw a 5x5 grid. Label the bottom line 0, 1, 2, 3, 4, 5. Label the side line 0, 1, 2, 3, 4, 5. Draw a banana at (2, 3) and an apple at (4, 1).



Extension challenge: If Max moved from (1, 1) to (1, 4), did he go along or up? Explain your answer to a partner.