Max’s Symmetrical Garden Party

Learning objective: To identify and draw lines of symmetry in 2D shapes and patterns.

Max the monkey is organising a garden party, but he wants everything to be perfectly symmetrical! Help him finish his decorations by drawing the missing halves and identifying lines of symmetry.

Draw: Draw a large, clear scene on the left side of the page featuring Max the monkey holding a wooden tray. On the tray, draw a simple symmetrical leaf and a symmetrical party hat shape. Leave the right side of the page blank for the student to complete the mirror images of the objects. Use a simple, clean line-drawing style suitable for colouring in.

Label words: Line of symmetry · Reflection · Mirror image · Symmetrical · Pattern

Steps:

1. Step 1: Draw a dashed line of symmetry vertically down the centre of the butterfly wing on the left. Explain why it is symmetrical.
2. Step 2: Max has a square sandwich. Draw two different lines of symmetry on the square.
3. Step 3: Look at the pattern of 3 circles and 2 stars. If you draw a line of symmetry, would the pattern be the same on both sides? Why?
4. Step 4: Draw a simple shape (like a triangle or a heart) that has exactly one line of symmetry.
5. Step 5: Label the 'line of symmetry' on your drawing from Step 4.