

Max's Magnificent Maths: The Shape Station

Step into the Shape Station with Max the Monkey—where every corner is a clue!

- A quadrilateral is a polygon with exactly four sides. Can you spot the four distinct corners, or vertices, on a square or rectangle?
- A line of symmetry is a mirror line where both sides of a shape are identical. If you fold a square in half diagonally, the sides match perfectly!
- An acute angle is smaller than a right angle (less than 90 degrees), while an obtuse angle is larger than a right angle but smaller than a straight line.
- Parallel lines are like railway tracks—they stay the same distance apart and will never meet, no matter how far they go.
- A 3D shape, like a cube or a sphere, has volume and takes up space, whereas a 2D shape is flat like a piece of paper.

Did you know? Did you know that a hexagon is the shape of a honeycomb cell in Bea the Bee's hive? Bees use hexagons because they are the most efficient shape for storing the most amount of honey using the least amount of wax!

Key vocabulary: Quadrilateral · Polygon · Vertex · Parallel · Symmetry · Perpendicular · Acute · Obtuse