

Max's Magnificent Shapes Guide

Max the Monkey is on a mission! Can you spot the hidden geometry all around our classroom?

- A 2D shape with three straight sides is called a triangle. It always has three vertices where the sides meet.
- A square is a special quadrilateral because it has four equal sides and four right angles.
- A cube is a 3D shape that has 6 identical square faces, 12 edges, and 8 vertices.
- Parallel lines are like railway tracks; they stay the same distance apart and never meet, no matter how far they go.
- A right angle is exactly 90 degrees, like the corner of a square or the edge of a classroom table.

Did you know? Did you know? A 3D shape with flat faces is called a polyhedron. The word comes from Ancient Greek and means 'many seats' or 'many faces'. Max the monkey loves counting the faces on a cube to see if they all look the same!

Key vocabulary: Polygon · Vertex · Parallel · Perpendicular · Face · Edge · Right angle