

Max's Magnificent Shape Guide

Max the Monkey's Shape Safari: Explore the world of angles, sides, and faces!

- A polygon is a 2D shape with straight sides. For example, a square has four equal sides and four right angles.
- Parallel lines are lines that stay the same distance apart and will never meet, just like the tracks of a train.
- A 3D shape has faces, edges, and vertices (corners). A cube has 6 faces and 8 vertices.
- Perpendicular lines meet at a right angle, which is exactly 90 degrees. You can see this at the corner of a rectangle.
- Symmetry means a shape can be folded in half so that both sides match perfectly. Some shapes have more than one line of symmetry.

Did you know? Did you know? A circle is a very special shape because it has no corners and no straight edges at all. It is perfectly round, just like a spinning planet in the night sky!

Key vocabulary: Polygon · Vertex · Parallel · Perpendicular · Symmetry · 3D Shape · Face · Edge