Max’s Magnificent Symmetry Hunt

Mirror, mirror on the wall, find the balance in it all!

■ **A line of symmetry is an imaginary line that divides a shape into two identical halves that perfectly match when folded.**

■ **If you place a mirror along the line of symmetry, the reflection will look exactly like the other half of the shape.**

■ **Some shapes have more than one line of symmetry. A square has four: two diagonal, one vertical, and one horizontal.**

■ **Not all shapes are symmetrical. If you cannot fold a shape so that both sides match exactly, it is called an asymmetrical shape.**

■ **When checking for symmetry, remember that the size, shape, and position of all features must be identical on both sides of the line.**

> *Did you know? Did you know? Nature is full of symmetry! If you look closely at a butterfly's wings, the left side is a perfect mirror image of the right side. This is called 'bilateral symmetry', which helps many creatures stay balanced and beautiful.*

Key vocabulary: Symmetry · Line of symmetry · Reflect · Mirror image · Vertical · Horizontal