Max’s Masterclass: Mastering Non-Verbal Reasoning

Unlock the puzzle master within you – look closer, think sharper!

■ Rotation: Imagine a shape turning clockwise by 90 degrees. Does the shape change its size, or just its orientation?

■ Reflection: Think of a mirror line. A reflection creates a perfect 'flip' of an image, keeping the distance from the mirror the same for every point.

■ Sequences: Look for patterns in a series of shapes. Ask yourself: Is the number of sides increasing? Is the shading moving in a specific direction?

■ Symmetry: A shape has symmetry if it can be folded in half so that both sides match perfectly. Always look for hidden lines of symmetry in complex patterns.

■ Spatial Reasoning: When shapes overlap, try to visualise which shape is on 'top' and which is underneath to understand the full structure.

Did you know? Did you know that your brain uses non-verbal reasoning every single day? Whether you are packing your school bag to fit everything in perfectly, or deciding which path to take through a maze, you are using the same logic that helps you solve complex shape puzzles!

Key vocabulary: Rotation · Reflection · Sequence · Symmetry · Transformation · Spatial awareness