

Max’s Masterclass: Non-Verbal Reasoning Word Mat

Learning objective: To develop logical thinking and spatial awareness by mastering key vocabulary used in non-verbal reasoning assessments.

Key Vocabulary

Use this reference mat to help you solve patterns, sequences, and geometric puzzles. The terms are categorised by how they influence the shapes and designs you see.

Rotation Turning a shape around a fixed poi...	Reflection Creating a mirror image of a sha...	Symmetry When one side of a shape is exac...
Sequence An ordered set of shapes or patte...	Transformation A change in the position, si...	Orientation The direction or position a shape...
Clockwise Moving in the same direction as t...	Anti-clockwise Moving in the opposite direct...	Congruent Shapes that are identical in size ...
Vertex A point where two or more edges me...	Dimension A measurement of length, width,...	Grid A network of squares used to map or pl...
Pattern A repeated design or recurring rule w...	Component An individual part or element th...	Analogous When two different shapes share...
Explain why it is ...	Compare and con...	If a shape is rotat...
Justify your ans... Can a shape be congru...	What might happ...	Create a 3-step s...