

Max's Maths Patterns: Non-Verbal Reasoning Flashcards

Learning objective: To develop logical thinking and pattern recognition skills essential for Class 3 non-verbal reasoning tasks.

Use these flashcards to practice spotting patterns in shapes, sizes, and sequences. Max the monkey says: 'Look closely at every detail!'

What is a 'sequence'?	If a shape turns 90 degrees in the same direction as clock hands, what is this movement called?
A set of shapes or objects that follow a specific pattern in a particular order.	Clockwise.
What does 'symmetry' mean?	If a pattern shows a square, then a circle, then a square, then a circle, what comes next?
When one half of a shape is a perfect mirror image of the other half.	A square.
What is a 'reflection'?	If a shape turns 90 degrees opposite to the direction of clock hands, what is this called?
How a shape looks when it is flipped over, like seeing it in a mirror.	Anticlockwise.
True or False: In a pattern, shapes can change size, colour, or position.	What is the 'odd one out' in a group of three triangles and one square?
True.	The square.
If a pattern grows by adding one side to the shape each time (triangle, square, pentagon), what is the rule?	What does 'rotation' mean?
The number of sides increases by one.	Turning a shape around a central point without changing its size or shape.
If a shape is shaded black, then white, then black, then white, what is the next colour?	Why is it important to look at the 'orientation' of a shape?
Black.	Because it tells you which way up or which way around the shape is facing.