

Max's Maths Patterns: Non-Verbal Reasoning Flashcards

Learning objective: To develop logical thinking and pattern recognition skills essential for Year 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!'

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