

Max's Non-Verbal Reasoning Challenge

Learning objective: To develop spatial awareness and pattern recognition skills for Year 4 pupils.

Look at each flashcard. Max the monkey needs your help to spot the pattern or find the odd one out. Use the word bank to help you describe what you see.

A shape turns a quarter turn to the right. What is this called?	If a shape looks the same on both sides of a line, what does it have?
Rotation	Symmetry
Look at these: Square, Circle, Triangle, Cat. Which is the... ?	A pattern that repeats in a specific order is called a... ?
Odd one out (Cat is not a geometric shape)	Sequence
When a shape is reflected like looking in a glass, it is a... ?	If a shape is turned upside down, it has had a... ?
Mirror image	Half turn
What do we call the way a shape is positioned, like upright or sideways?	If a pattern goes: Square, Circle, Square, Circle... what comes next?
Orientation	Square
Does a rectangle have more than one line of symmetry?	If you turn a shape all the way around to where it started, it is a... ?
Yes, it has two	Full turn