

Max's Pattern Puzzle Record

Learning objective: To identify, describe, and complete visual patterns using logic and reasoning.

Max the monkey is looking for patterns! Look at each box. Follow the instructions to help Max finish the sequences. Use the word bank to help you describe the shapes.

Word bank: rotate · turn · clockwise · increase · decrease · sequence · pattern · shape · repeat · size

1. Look at the pattern in Box 1. Describe what is happening to the size of the shapes. (2 marks)

2. Look at the pattern in Box 2. Explain how the shape is turning. Use the word bank to help. (2 marks)

3. In Box 3, draw the next shape in the sequence. How do you know it is the right one? (3 marks)

4. Look at Box 4. Write a rule for this pattern so Max can tell his friends. (2 marks)

Extension challenge: Can you create your own pattern of shapes in the space below for a friend to solve?