

Zara's Pattern Masterclass: A Year 5 Art Quiz

Learning objective: To identify, analyse, and apply the principles of pattern and symmetry within art, design, and nature.

Join Zara the Zebra as she explores the world of patterns! Read each question carefully and circle the correct answer or write your response in the space provided. Remember to look for the rhythm and repetition in everything you see.

Answer Key: 1.C, 2.True, 3.Tessellation, 4.B, 5.False, 6.Motif, 7.A, 8.True, 9.B, 10.Radial. Higher-order thinking: Answers will vary but should demonstrate understanding of cultural significance, mathematical precision, and artistic intent.

Word bank: Symmetry · Tessellation · Motif · Geometric · Organic · Radial · Repetition

1. 1. What is the name for a single design unit that is repeated to create a pattern? A) A symmetry B) A texture C) A motif* D) A shade (1 mark)

2. 2. True or False: Tessellation occurs when shapes fit together perfectly without any gaps or overlapping. (1 mark)

3. 3. What term describes a pattern where shapes interlock perfectly like a honeycomb or floor tiles? (1 mark)

4. 4. Which type of pattern is inspired by natural forms like leaves, clouds, or flowing water? A) Geometric B) Organic* C) Linear D) Digital (1 mark)

5. 5. True or False: Radial symmetry is when a pattern radiates outwards from a central point, like the petals of a flower. (1 mark)

6. 6. If a design is mirrored perfectly across a central axis, what type of balance is it demonstrating? (1 mark)

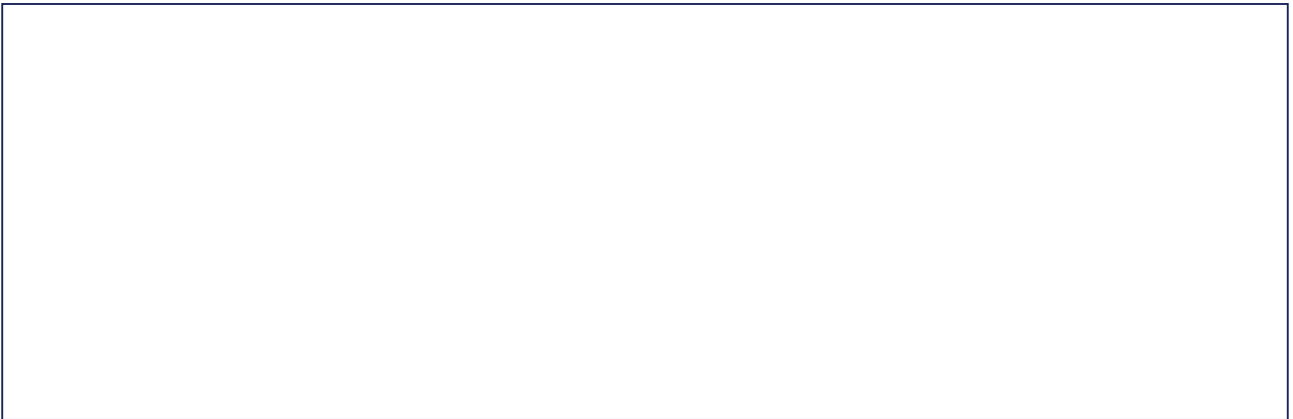
7. 7. Which of these is an example of a geometric pattern? A) A repeating grid of triangles* B) A swirling cloud C) A hand-painted flower D) A splash of ink (1 mark)

8. 8. True or False: Patterns can only be found in man-made objects and not in the natural world. (1 mark)

9. 9. What is the primary purpose of 'repetition' in an artistic composition? A) To make the art look messy B) To create a sense of rhythm and unity* C) To hide mistakes D) To use more paint (1 mark)

10. 10. Zara looks at a sunflower. What type of pattern does she see radiating from the centre? (1 word) (1 mark)

Draw: Create an original tessellating pattern using two different geometric shapes. Ensure they lock together without leaving any white space on the page.



Extension challenge: Zara asks you these Greater Depth questions: 1) Explain why tessellation is mathematically important in architectural design. 2) Compare and contrast how organic patterns differ from geometric patterns in terms of mood and feeling. 3) What might happen to the 'rhythm' of a pattern if you suddenly changed the colour of every third motif? Justify your answer using art vocabulary.