

Zara's Pattern Playground Quiz

Learning objective: To identify, describe, and create repeating patterns in art and the natural world.

Join Zara the zebra as she explores the patterns all around us! Read each question carefully and write your answers in the spaces provided.

Answer Key: 1. A (Repeating), 2. True, 3. Motif, 4. B (Symmetry), 5. False, 6. Tessellation, 7. B (Geometric), 8. True, 9. Texture, 10. Organic.

Word bank: Symmetry · Tessellation · Motif · Geometric · Repeating · Texture · Organic

1. 1. What do we call a design that is created by repeating the same shape or colour over and over? A) Repeating* B) Random C) Single D) Blank (1 mark)

2. 2. True or False: A motif is a single unit or element that is repeated to create a pattern. (1 mark)

3. 3. What is the word for a shape that is used as a repeating unit in a pattern? (1 mark)

4. 4. When a pattern looks exactly the same on both sides of a line, what is it called? A) Chaos B) Symmetry* C) Blurred D) Faded (1 mark)

5. 5. True or False: Tessellation happens when shapes overlap each other and leave large gaps. (1 mark)

6. 6. Which word describes shapes that fit together perfectly like a jigsaw puzzle without any gaps? (1 mark)

7. 7. Which of these patterns uses shapes like squares, triangles, and circles? A) Organic B) Geometric* C) Messy D) Blurred (1 mark)

8. 8. True or False: Patterns can be found in nature, such as on a butterfly's wings or a leaf. (1 mark)

9. 9. What do we call the 'feel' or look of a surface (like the roughness of bark or the smoothness of glass) that often forms a visual pattern? (1 mark)

10. 10. Patterns found in plants, flowers, and shells that are curvy and natural are known as which type of pattern? (Hint: Starts with 'O') (1 mark)

Draw: Zara the zebra wants you to design a new coat for her! Draw a square and fill it with a tessellating pattern using at least two different geometric shapes.



Extension challenge: Go on a 'Pattern Hunt' in your home or classroom. Find three different examples of patterns. Write down where you found them and whether they are geometric or organic.