

Zara's Pattern Playground Quiz

Learning objective: To identify, describe, and apply knowledge of patterns, symmetry, and tessellation in art.

Join Zara the zebra on an artistic journey! Read each question carefully and use your knowledge of visual patterns to select or write the correct answer.

Answer Key: 1. B, 2. True, 3. False, 4. B, 5. Motif, 6. A, 7. True, 8. Radial, 9. Tessellation, 10. B.

Word bank: Symmetry · Tessellation · Motif · Geometric · Radial · Repeating · Rotation

1. 1. What do we call a single unit or shape that is repeated to create a pattern? A) A sketch
B) A motif* C) A canvas D) A primary color (1 mark)
2. 2. True or False: A symmetrical pattern is exactly the same on both sides of a central line.
(1 mark)
3. 3. True or False: Tessellation is when shapes overlap so much that you cannot see the pattern clearly. (1 mark)
4. 4. Which type of pattern radiates out from a central point, like the petals of a flower? A)
Linear B) Radial* C) Asymmetrical D) Random (1 mark)
5. 5. What is the technical term for a pattern made of shapes that fit together perfectly without any gaps or overlaps? (1 mark)
6. 6. Which of these shapes would be the best for creating a tessellating pattern? A)
Hexagon* B) Circle C) Oval D) Starburst (1 mark)
7. 7. True or False: Patterns can be found in nature, such as on butterfly wings or in honeycombs. (1 mark)
8. 8. What type of symmetry describes a pattern that looks the same even if you turn it around a center point? (1 mark)
9. 9. If you create a pattern by flipping a shape over a line, what is this movement called? (1 mark)

10. 10. Why do artists use patterns in their work? A) To make the art heavy B) To create visual rhythm and interest* C) To stop people looking at it D) To save on paint (1 mark)

Draw: Zara the zebra wants you to design a new pattern for her coat. Draw a square and fill it with a tessellating pattern using two different geometric shapes. Ensure your pattern repeats perfectly to the edges of the square.



Extension challenge: Find three objects in your classroom or home that feature a repeating pattern. Write a short paragraph explaining whether they use geometric shapes (like squares or triangles) or organic shapes (like leaves or waves).