

## 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*

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

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

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

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**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)**

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

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

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

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

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**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)**

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**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.*