

Zara's Rangoli Design Journal

Learning objective: To explore the cultural significance, symmetry, and geometric patterns used in Diwali Rangoli art.

Use this template to plan your own Rangoli design. Zara the zebra loves how Rangoli uses bright colors and repeating patterns to celebrate Diwali. Think about the shapes you will use and the meaning behind your artwork.

Word bank: Symmetry · Geometric · Vibrant · Pattern · Tradition · Festival · Colors · Diwali

1. The Meaning of Rangoli: Explain why people create Rangoli patterns during the festival of Diwali. What does it represent in the home? (2 marks)

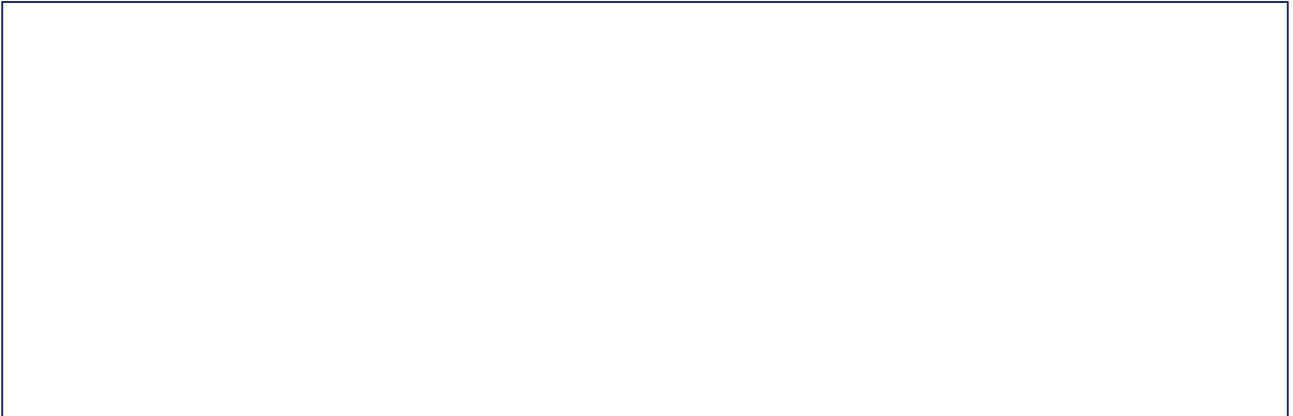
2. Design Inspiration: Describe the shapes and motifs (such as flowers, petals, or stars) you have chosen for your design and why they are important to you. (2 marks)

3. Mathematical Symmetry: How have you used line symmetry or rotational symmetry in your design to make it balanced? (3 marks)

4. Color Palette: List the colors you will use. Why do these specific colors help to celebrate the spirit of the festival? (2 marks)

5. Reflection: If you were to create this Rangoli using traditional materials like colored sand or flower petals, what challenges might you face? (2 marks)

Draw: In the space below, draw your final Rangoli design. Ensure your pattern shows clear symmetry and includes at least three different geometric shapes.



Extension challenge: Max the monkey wants to know the cost! If one bag of colored powder costs £1.50 and you need six bags to complete your design, how much will the total cost be? Show your working out.