

Radiant Rangoli: The Art of Light

Celebrate the Festival of Lights by creating your own symmetrical masterpiece!

- Rangoli designs often feature rotational symmetry, where a shape is rotated around a central point to create a balanced, repeating pattern.
- Artists use geometric shapes such as triangles, circles, and squares to build complex, interconnected structures.
- The vibrant colours used in Rangoli are chosen to symbolise joy, prosperity, and the triumph of light over darkness.
- Many Rangoli patterns are based on nature, incorporating stylised lotus flowers, peacocks, or mango motifs.
- Zara the Zebra loves observing how patterns tessellate, fitting together perfectly without any gaps to cover the entire floor space.

Did you know? Did you know? Traditionally, Rangoli patterns are created on the floor near the entrance of homes to welcome guests and bring good fortune. In many regions, the designs are created using coloured powders, dry rice flour, or even flower petals to create vibrant, temporary works of art.

Key vocabulary: Symmetry · Geometric · Pigment · Diwali · Mandala · Tessellation · Festival · Pattern