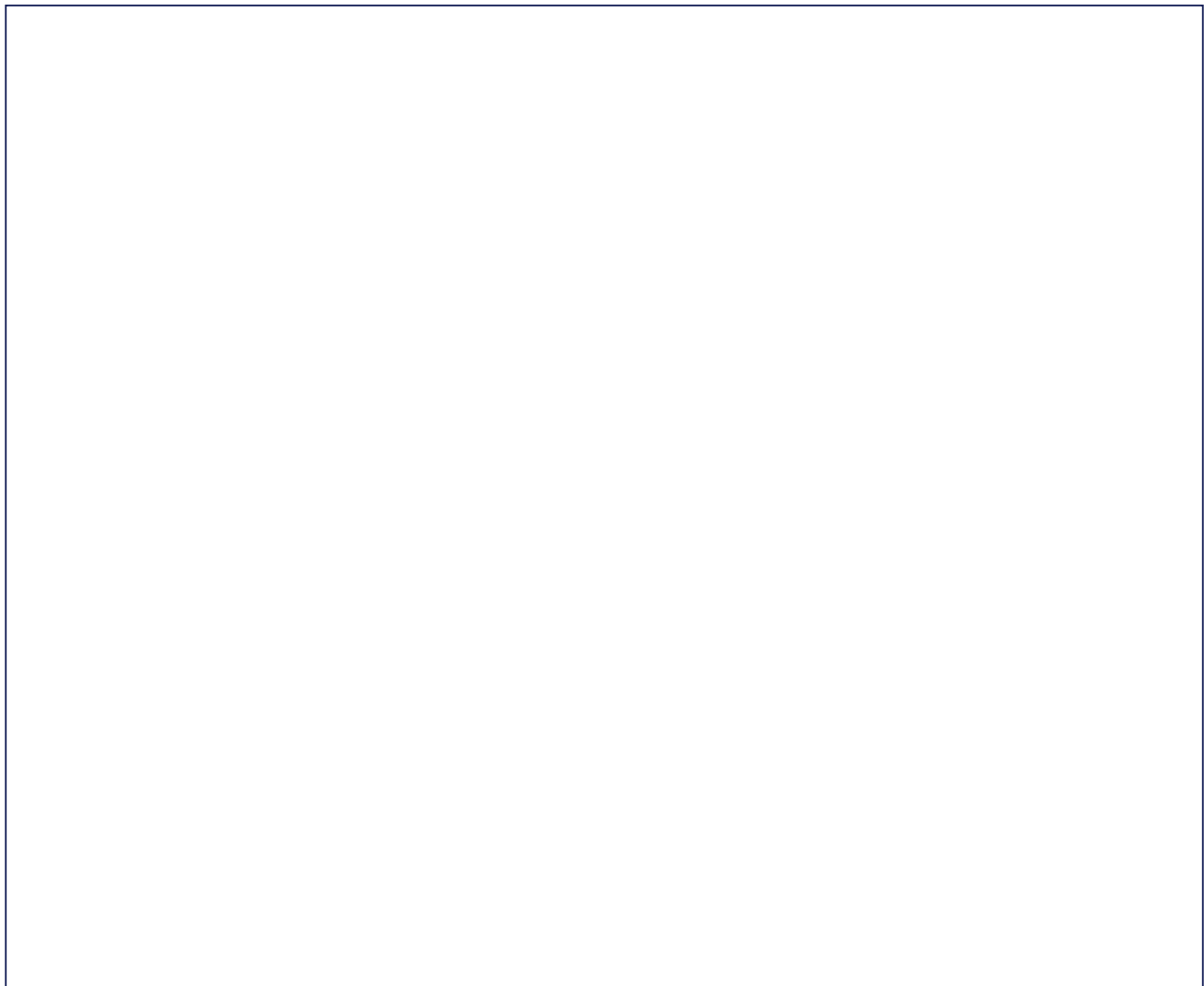


Diwali Rangoli Patterns with Zara

Learning objective: To understand the cultural significance of Rangoli and use geometric symmetry and patterns to create a traditional-style design.

Follow the steps below to design your own Rangoli pattern. Use a pencil to sketch your initial shapes, then use felt-tips or colored pencils to add vibrant colors. Remember that Rangoli patterns often use symmetry, meaning both sides of your design should look the same!

Draw: Using a ruler and a compass (or circular objects to trace), create a large, symmetrical Rangoli pattern. Start with a central point and ensure your shapes (triangles, petals, or squares) repeat exactly around the center to achieve rotational symmetry. Include at least one 'Diya' lamp in your design. Use bright, bold colors to fill in the sections.



Label words: Symmetry · Geometric · Pattern · Mandala · Diya · Radiating

Steps:

1. Step 1: Draw a small circle in the center of your page. This will be the heart of your Rangoli. What shape will you repeat around it to show symmetry?
2. Step 2: Add four 'Diya' (small oil lamp) shapes pointing outwards from your central circle. Why is light an important symbol during Diwali?
3. Step 3: Create a border around your design using a repeating geometric pattern. Describe your chosen

pattern below.

4. Label the 'central point' and the 'geometric border' on your finished drawing.
5. If you were using colored sand to create this, name three bright colors you would use to make it stand out.