

## Objective

By the end of this lesson, you will be able to identify and create patterns using basic geometric shapes.

## Materials and Prep

- Paper
- Pencil or crayons

No prior knowledge is required for this lesson.

## Activities

### 1. Activity 1: Shape Patterns

Draw different geometric shapes on a piece of paper, such as squares, circles, and triangles. Create a pattern by repeating the shapes in a specific order. For example, you can start with a square, then a circle, then a triangle, and repeat the pattern. Encourage the student to create their own patterns using different shapes.

### 2. Activity 2: Color Patterns

Draw a row of shapes on a piece of paper, leaving some shapes blank. Ask the student to continue the pattern by filling in the missing shapes with the correct colors. For example, if the pattern is red, blue, red, blue, the student should fill in the missing shapes with the corresponding colors. Repeat this activity with different color patterns.

### 3. Activity 3: Shape Creation

Give the student a blank piece of paper and ask them to create their own shape pattern. They can use any geometric shapes and colors they like. Encourage them to think creatively and come up with unique patterns.

## Transitional-Kindergarten Grade Talking Points

- "Today, we are going to learn about patterns using shapes."
- "A pattern is when things repeat in a certain order."
- "Geometric shapes are shapes like squares, circles, and triangles."
- "In the first activity, we will create patterns using different shapes."
- "For the second activity, we will fill in missing shapes in a pattern using colors."
- "Finally, in the third activity, you will get to create your own shape pattern."
- "Remember to be creative and have fun while making patterns!"