



Class Title: Green Patterns Everywhere!

Subjects Covered: Math

Teacher Name: Alycia Martin

Class Day: Friday

Class Size: 12

Overall Class Cost: \$62

Individual Student Supply Fee: \$0

Class Fee: \$96

Ages or color group served: Green

What level is this class: Level 0

Prerequisites: NA

Graduation Requirements: NA

Homework Requirements: NA

Class Description:

Patterns are everywhere! From the stripes on a zebra to the arrangement of petals on a flower, patterns help us make sense of the world around us. In this fun, hands-on class, students will explore patterns through math, art, nature, music, movement, building, and games.

Each week, students will discover a different kind of pattern and have opportunities to identify, continue, create, and explain patterns. Lessons will encourage observation, logical thinking, creativity, and problem-solving while giving young learners plenty of opportunities to move and work with their hands.

By the end of the class, students will be able to:

- * Recognize and describe simple repeating and growing patterns.
 - * Identify what comes next in a pattern.
- * Create their own patterns using colors, shapes, numbers, sounds, and objects.
 - * Recognize patterns in nature and their everyday surroundings.
 - * Understand basic symmetry.
- * Develop early mathematical reasoning, observation, and problem-solving skills.
 - * Explain their thinking when creating or solving a pattern.

This class will be playful, interactive, and hands-on, with minimal worksheets and plenty of opportunities for students to explore and create. Each 45-minute class will include a short introduction, an interactive pattern activity or game, a hands-on project, and a brief review. Students will leave each week with a new understanding of how patterns work—and a growing appreciation for the patterns all around them!

Week 1:

What is a pattern?

Week 2:

Color patterns

Week 3:

Shape patterns

Week 4:

Number patterns

Week 5:

Patterns in nature

Week 6:

Movement patterns

Week 7:

Sound and music patterns

Week 8:

Building patterns

Week 9:

Symmetry and mirror patterns

Week 10:

Patterns in art

Week 11:

Pattern detectives

Week 12:

Pattern Project