

Title: Patterns, Patterns, Everywhere!

Brief Overview:

In this unit students will identify, describe, extend and create nonnumeric patterns. It begins with the primary concept of identifying terms, core and patterns to include intermediate concepts, such as extending patterns, distinguishing between patterns and creating repeating patterns.

NCTM Content Standard/National Science Education Standard:

1.0 Knowledge of Algebra, Patterns, and Functions

- Identify, copy, describe, create, and extend nonnumeric patterns

Grade/Level:

First and Second Grade

Duration/Length:

Three sixty-minute lessons

Student Outcomes:

Students will:

- Identify nonnumeric patterns
- Describe and extend repeating patterns
- Organize, interpret and describe situations mathematically by providing mathematical ideas and evidence in oral and written form

Materials and Resources:

- Overhead projector
- Overhead Color Squares
- Stamps (various shapes/designs)
- Math Counters
- White Construction Paper
- Colored Construction Paper
- Crayons
- Glue
- Scissors
- 2 centimeter grid paper
- Snap Cubes