

Paper Chain Patterns



Activity: Children will copy identical patterns and describe the pattern unit. Children will create their own patterns with at least two elements using paper strips of different colors to make a paper chain.

Objective

The children will duplicate identical patterns with at least two elements and describe the pattern units.

V. Mathematical Thinking

V.C.1. Identifies and extends a simple AB repeating pattern.

http://www.floel.org/standardsresource/standards.html#d=V&a=four_year_olds

Before You Begin the Lesson

1. Cut the construction paper into one inch strips of equal length (see Figure 1).

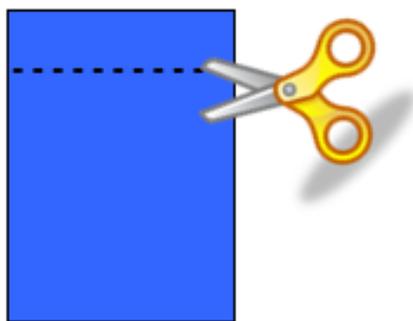


Figure 1

Materials Needed

Assorted colors of construction paper cut into 1" strips,
scissors, glue

Optional Book(s):

Pattern Fish by Trudy Harris

Pattern Bugs by Trudy Harris

Checking for Understanding

Children will demonstrate their understanding of the lesson by:

- duplicating identical patterns with at least two elements
- creating patterns with at least two elements
- recognizing pattern units.

Scaffolding

- Assist the children with duplicating patterns, creating patterns, and identifying pattern units, as needed.
- String popcorn and dried cranberries to create a pattern instead of paper strips.
- Provide a variety of ink colors and rubber stamps (e.g., bugs, fish). Allow the children to create their own patterns (e.g., blue fish, red fish, blue fish, red fish).

Extensions

Art area: add paper strips, glue, and scissors. Allow the children to create their own patterns.

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Small Group

1. Begin the lesson by reading one of the optional books or a book of your choice to introduce the concept of patterns. Follow the reading with a discussion to review the concepts presented.
2. Create a simple pattern with at least two elements using the construction paper strips (e.g., red/blue/yellow, red/blue/yellow) and ask the children to describe the pattern unit (e.g., red/blue/yellow). Next ask the children to copy the pattern using the construction paper strips.
3. Allow the children to create their own patterns with at least two elements and then describe the pattern unit.