Mitten Math

by Educator's Reference Book Lesson Plan

Grade Level: Kindergarten, 1

Subjects:

- Mathematics Patterns
- Mathematics Geometry
- Arts

Duration: 1 hour

Description: Pre-number concepts of classification, sorting and patterning are used in this lesson to reinforce shapes and patterns to children. Students use felt shapes to create patterns on felt mittens.

Grade: Kindergarten (adjusted) Standards for Mathematics:

- 2.4.1.1 Numbers, Number Systems and Number Relationships [A. Count using whole numbers (to 10,000) and by 2's, 3's, 5's, 10's, 25's and 100's. C. Represent equivalent forms of the same number through the use of concrete objects, drawings, word names and symbols. D. Use concrete objects to count, order, and group. E. Apply place-value concepts and notation to counting, ordering and grouping.]
- 2.4.1.2 Mathematical Reasoning and Communication [C. Make, check, and verify predictions about the quantity, size and shape of objects and groups of objects.]
- 2.4.1.3 Algebra and Functions [A. Recognize, describe, extend, create and replicate a variety of patterns including attribute, unit, repeat and growth patterns.]
- 2.4.1.5 Geometry [A. Name and label geometric shapes (circle and three dimensions (e.g. cube, sphere, square, cube, triangle, pyramid, rectangle, prism). D. Find and describe geometric figures in real life.]
- 2.4.1.6 Concepts of Calculus [B. Continue a pattern of numbers or objects that could be extended indefinitely.]

Objectives: