

Math Activities PK- Training 4

Content Area: **Mathematics**
Course(s): **Pre-Kindergarten**
Time Period: **Third Trimester**
Length: **12 weeks**
Status: **Published**

Unit Overview

Children will continue to develop the concept of Number (whole numbers, operations, and relationships) through the Time-line Calendar, Weather Graphing, Making Collections, Math Memory, Numerals Game, I Have Who Has Numbers, Number-line Hopscotch and Tallying activities. Through puzzles, manipulatives, blocks, Mystery Shape, I Have Who Has Colors, I Have Who Has Shapes, Attribute Game, Venger Drawings & Collage, Mystery Numeral, Patterns with Manipulatives, and Mystery Pattern students will continue developing Geometric (spatial relationships and measurement) concepts.

STAGE 2- EVIDENCE OF LEARNING

Formative Assessment During Lesson

- Anecdotal Notes
- Choral Response
- Observation
- Portfolio Check
- Turn and Talk

Summative Assessments

- Portfolio
- Progress Report-Trimester
- Report Card-Trimester

STAGE 3- LEARNING PLAN

Instructional Map

Learning Activities:

- Timeline Calendar
- Weather Graphing
- Remember and Replicate (Level 3)
- Math Memory
- Making Collections
- Mystery Shape
- Mystery Numeral
- Numerals Game
- I Have Who Has Numbers
- Attribute Game
- Venger Drawing
- I Have Who Has Shapes
- Patterns with Manipulatives
- Number line Hopscotch
- Venger Collage
- Tallying

Additional Activities:

- Make Believe Play and Practice
- Physical Self-Regulation games
- Mystery Question
- Science Eyes
- Story Lab-Learning Facts
- Puzzles, Manipulatives and Blocks

Modifications/Differentiation of Instruction

Modification/Differentiation Strategies

- Mediators
- Modeling
- Picture Cues
- Prompting
- Provide Sensory Level Play
- Redirection
- Tools of the Mind Additional Scaffolds Manual

Horizontal Integration- Interdisciplinary Connections

Math concepts are woven into Make Believe Play themes. Center activities and Science Eyes provide opportunities to practice these skills. Math concepts are also addressed through literature and fingerplays.

Vertical Integration- Discipline Mapping

Math activities address number and geometry systematically, with each skill broken down into components and practiced in a sequential way so that the children's skills deepen, are applied to increasingly complex and abstract contexts, and become more fluent. These skills continue to build, setting the groundwork for the Tools of the Mind Kindergarten Curriculum.

Additional Materials
