

Math Activities PK- Training 1

Content Area: **Mathematics**
Course(s): **Pre-Kindergarten**
Time Period: **First Trimester**
Length: **6 weeks**
Status: **Published**

Unit Overview

Children will be introduced to the concept of Number (whole numbers, operations, and relationships) through the Time-line Calendar and Weather Graphing activities. Through puzzles, manipulatives, blocks and the activity Remember and Replicate, students will begin 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 1 & 2)
- Puzzles, Manipulatives and Blocks

Additional Activities:

- Make Believe Play and Practice
- Physical Self-Regulation games
- Mystery Question

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
