

Math Activities PK- Training 2

Content Area: **Mathematics**
Course(s): **Pre-Kindergarten**
Time Period: **First Trimester**
Length: **6 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 and Math Memory activities. Through puzzles, manipulatives, blocks, Remember and Replicate, Mystery Shape and I Have Who Has Colors, 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)
- Puzzles, Manipulatives and Blocks
- Math Memory
- Making Collections
- Mystery Shape

Additional Activities:

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

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
