Trimester 1 LA/Math

Content Area: **Pre-School**
Course(s): **Pre-K**
Time Period: **MP1-2**
Length: **MP1-2**
Status: **Published**

Essential Questions

- What is the positional placement of an object?
- How do you sort objects and pictures into a category?
- What makes an item the same or different?
- What sounds do the letters A-R make?
- How can letters A-R be identified?
- How can numbers from 1 to 4 be counted, read and written?
- How do you trace vertical, horizontal, and diagonal lines?
- How can you identify a square and a rectangle?
- How can you identify and distinguish the colors red, orange, and yellow?

Big Ideas

- Prepositions: A preposition is a word or group of words used before a noun, pronoun, or noun phrase to show direction, time, place, location, spatial relationships, or to introduce an object.
- Categorization: Categorization is an essential skill that requires children to recognize and discriminate objects before categorizing them into different groups by similar attributes.
- Same/Different: Same is something of an identical type, exactly similar. Different is non identical.
- All About Me: Discovering representation of self.
- Animals: Exploring different types of animals and how they are categorized.
- Food: Exploring different types of food and where to obtain it.

Cross-Curricular Integrations

Cross Curricular Integration: Social Emotional Development

- 0.1.1 Express individuality by making independent decisions about which materials to use.
- 0.1.3 Actively engage in activities and interactions with teachers and peers.

Objective: Students will be able to identify the difference between good and bad choices by sorting.

Activity: Students will color pictures of choices and cut them out. Then students will sort the pictures and paste them into the appropriate good or bad choice column.

Cross Curricular integration world languages

- 7.1.1 Acknowledge that language other than their own is being spoken or used (eg. in a story, rhyme, or song)
- 7.1.2 Say simple greetings, words, and phrases in a language other than their own
- 7.1.3 Comprehend previously learned simple vocabulary in a language other than their own
- 7.1.4 Communicate effectively with adults and/or classmates who speak other languages by using gestures, pointing, or facial expressions to augment oral language.

Objective: Students will be able to identify different ways to greet peers in another language.

Activity: Students will sing a Greeting Song with different ways to say hello.

Cross Curricular Integration Technology

- 8.1.1 Use the mouse to negotiate a simple menu on the screen (e.g., to print a picture).
- 8.1.2 Navigate the basic functions of a browser, including how to open or close windows and use the "back" key.
-
    - 8.2.1 Identify the "power keys" (e.g., ENTER, spacebar) on a keyboard.
    - 8.2.2 Access materials on a disk, cassette tape, or DVD. Insert a disk, cassette tape, CD-ROM, DVD, or other storage device and press "play" and "stop."
    - 8.2.3 Turn smart toys on and/or off.
    - 8.2.4 Recognize that the number keys are in a row on the top of the keyboard.

  Objective: Students will be able to navigate the Tac Screen application to practice letter formations.

Activity: Students will use the TacScreen Application to practice tracing uppercase letters in the correct format. (top to bottom, left to right, etc)

Enduring Understandings

NJ Preschool Teaching and Learning Standards

- 4.1.2 - Recognize one digit numbers written up to 10.
- 4.1.1 Count to 20 by ones with minimal prompting.
- 4.4.1 - Respond to and use positional words (e.g., in, under, between, down, behind).
- 4.3.1- Sort, order, pattern, and classify objects by non-measurable (e.g., color, texture, type of material) and measurable attributes (e.g., length, capacity, height).
- 4.4.2 Use accurate terms to name and describe some two-dimensional shapes and begin to use accurate terms to name and describe some three-dimensional shapes (e.g., circle, square, triangle, sphere, cylinder, cube, side point, angle).
- RF.PK.1 Begin to demonstrate understanding of basic features of print.

a) Follow words from left to right, top to bottom, page by page.

b) Recognize that spoken words can be written and read.

c) Recognize that words are separated by spaces.

d) Recognize and name many upper and lower case letters of the alphabet.

- 0.1.1 Express individuality by making independent decisions about which materials to use.
- 0.1.3 Actively engage in activities and interactions with teachers and peers.
- 1.1.1 Move the body in a variety of ways, with and without music
- 1.1.3 Participate in simple sequences of movements
- 2.4.1 Develop and refine gross-motor skills (e.g., hopping, galloping, jumping, running, and marching)
- 2.1.1 Develop an awareness of healthy habits (e.g., use clean tissues, wash hands, handle food hygienically, brush teeth, and dress appropriately for the weather).

Creative Curriculum

- 34. Uses Numbers and Counting
- 32. Shows awareness of position and space
- 28. Compares/ Measures
- 30. Recognize patterns and can repeat them
- 27. Classifies Objects
- 45. Demonstrates understanding of print concept
- 46. Demonstrates Knowledge of Alphabet
- 47. Uses emerging reading skills to make meaning from print
- 49. Understands the purpose of writing.
- 6. Takes responsibility for own well-being
- 7. Respects and cares for classroom environment and materials.
- 5. Demonstrates self direction and independence
- 10. Plays well with other children
- 8. Follows classroom routines
- 9. Follows classroom rules
- 14. Demonstrates basic locomotor skills
- 15. Shows balance when moving

Introducing STEM

Science: explore the science of coding and programming with hands on activities

Technology: build and use tools for amazing discoveries

Engineering: boost brains into high gear and design solutions for real world problems

Math: measure record, and compare data to draw conclusions

In addition to fostering turn taking, socialization, creativity, independence, community building and working together in groups.

Activity:

1. Skip Hop Explore and More

If you're looking for toys to help stimulate and discover, you won't "bee" disappointed! Designed to grow with children through stages, this motorized toy challenges and encourages little ones learning to make predictions with colorful lights, energetic tunes and sweet buzzing sounds.

Features:

- Two-in-one developmental toy encourages predicting with lights, music and movement
- Three stages of play encourage: discover and exploration, motor skills and sensory development
- Stage 1 Easy-to-hold bee rattle wobbles but won't fall over
- Stage 2 Cloud moves in circular pattern and stays close
- Stage 3 Cloud moves in random pattern to encourage exploration and predictions
- Cloud spins in place when bee is removed
- Colorful lights and music reward for reinforcement skills
- Sensor helps toy avoid obstacles