

(Water Numbers)

Theme: In this water beads sensory bin children can have fun with identifying , classifying and recognizing numbers in an educated way.

Curriculum Area: STEM: mathematics

Activity: STEM is an important factor that is contributed in today's society, one of the main factors in STEM is math. This activity focuses on the not only focuses on math. It also focuses on the child's ability to recall numbers, recognize numbers, sort numbers in various orders and the ability to focus on their task while engaging in a sensory activity.

Age of Children: 3 year old

Materials Needed:

Bin

Water Beads

Number buttons



Developmental Objectives/Domains: Infant and Toddler area: Memory, Number Sense, Classification and Attention Maintenance. What will the child be learning and developing?
Ex: By participating in this activity, children will according to the preschool foundations, in memory, the child will develop the ability to store and later retrieve information about past experiences. Number Sense: The developing understanding of number and quantity
Classification: the developing ability to group, sort, categorize, connect, and have expectations of objects and people according to their attributes. Attention Maintenance The developing ability to attend to people and things while interacting with others and exploring the environment and play materials

Procedure: The first step that the caregiver should do is fill the tub with water beads and fill the tub with at least 1 of each number in the tub, and a handful of random numbers in the tub. Next tell the child if they were interested in playing outside with a tub full of a special surprise. The caregiver should become excited to see the tub filled with water beads as well as the numbers. Next the caregiver will say "Do you see what I see?" in a voice of excitement and make sure that you direct the child to focus their attention to the umbers rather than the water beads.

Next the caregiver should guide the child to the various tasks below:

1) Have kids find a particular number. Find me a 7, now a 3 etc.

- 2) Have kids fish out all the numbers and sort them according to number or color
- 3) Have kids pick 3 numbers out and put them in numerical order
- 4) Find one of each number and put them in order from 1-9
- 5) Build bigger numbers like 74, 109, 1000, etc.
- 6) Choose 2 numbers and tell which is bigger. You can also make a greater than/less than symbol to place between the numbers.

References: <http://theelementarymathmaniac.blogspot.com/2014/08/fun-with-numeral-recognition.html>

