

NORTH BRANFORD PUBLIC SCHOOLS

Essential Curriculum

Mathematics

Pre-Kindergarten

The Preschool math curriculum includes number and shape recognition, patterning, estimation, matching, sorting, graphing, time, measuring, balancing and days of the week and the calendar. Children develop an understanding of these concepts through various games (opposites, shape and number bingo, number and shape puzzles, dinosaur shape bingo), activities and finger plays (“10 in a Bed”, 5 Little Ducks”, etc.)

Upon completion of preschool, the children will be able to:

- Count by rote, 1,2,3,4,5...
- Sort and classify objects into sets
- Identify basic shapes
- Reproduce basic shapes
- Identify top, middle and bottom of an object
- Reproduce a demonstrated pattern
- Extend a demonstrated pattern
- Count up to 10 objects
- Compare sets to determine if they have more, less or equal number of members
- Matching sets using 1-1 correspondence
- Order objects by size, length, etc.
- Recognize numerals, 1,2,3,4,5...
- Match numeral to the number of a set
- Identify ordinals: first, second, third and last
- Understand concept of time and telling time on a clock
- Estimate and verify the number of objects through the use of a balancer
- Recite days of the week and months of the year through the use of a calendar