

A **Pre-Kindergarten student** at St. Patrick’s will develop number and mathematical concepts through meaningful and active in learning. The curriculum is well balanced to include: number and operations, geometry and spatial sense and patterns and measurements.

	<u>Standards/Goals</u>	<u>Instructional Tools</u>	<u>Assessment Tools</u>
PreK.1 Number and Mathematical Concepts	Children develop an awareness of numerals by: <ol style="list-style-type: none"> Counts to ten Uses one to one matching Distinguishes between numbers and letters Develops an understanding of the counting process Begins to learn sequences of events in time(first, next, last. etc) 	<u>Number puzzles</u> <u>Songs</u> <u>Books</u> <u>Counting finger plays</u> <u>Graphing</u> <u>Discussions</u>	<u>Teacher observations</u> <u>Asking questions</u> <u>Provides opportunities for children to pair objects, to count and to practice using number words.</u>
PreK.2 Geometry and Spatial Sense	Children will develop a knowledge of geometric principles by: <ol style="list-style-type: none"> Learns about shapes Classifies and sorts different shapes Combines different shapes to make representation or patterns Uses comparison words correctly 	Unit blocks of various size and shape Opportunities to create designs with pattern blocks: draw, paint and cut shapes in the art area. Variety of materials teacher made and items from nature, etc.) For counting, comparing, and drawing conclusions.	Teacher observation Asking questions Child participation
PreK.3 Patterns and Measurements	Children will develop knowledge of patterns and measurements. <ol style="list-style-type: none"> Begins to recognize duplicates and simple patterns using a variety of materials. Describes patterns in the environment Uses standard and/or non-standard measures Recognizes different types of measurements (height, length, weight, etc.) 	Materials of various sizes, colors, textures and shapes that can be sorted or compared. Measuring cups, scales, rulers’ unit blocks.	Teacher observation Child participation Asking questions