

Math Standards: Pre - Kindergarten

Numbers and Numeration	<ul style="list-style-type: none">• Verbally counts in sequence to 10 and beyond• Develops flexibility in counting, including counting backward• Counts objects with one-to-one correspondence and know the last counting word tells “how many”• Develops an awareness of numbers and their uses• Associates number names, quantities, and written numerals• Recognizes and uses different ways to represent numbers (for example, groups of objects or dots)• Compares and orders groups of objects using words such as more, fewer, less, same
Operations and Computation	<ul style="list-style-type: none">• Solves and creates number stories using concrete modeling; explores part-whole relationships (for example, 5 is made of 2 and 3)• Collects and represents data in a variety of ways focusing on concrete and pictorial representations• Uses graphs to answer simple questions
Measurement and Reference Frames	<ul style="list-style-type: none">• Distinguishes and describes size attributes, including length, weight, and capacity or volume; compares objects according to various size attributes• Becomes familiar with standard measuring tools and their uses; begins to understand the concept of measurement units and the idea that measurement can be quantified• Sequences familiar events in time
Geometry	<ul style="list-style-type: none">• Recognizes and describes basic 2-dimensional geometric shapes• Explores the relationships between basic 2-dimensional and 3-dimensional shapes

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	<ul style="list-style-type: none">•Recognizes and describes the position and location of objects; uses spatial reasoning in concrete tasks, such as putting together puzzles and creating collages and block structures
Patterns, Functions, and Algebra	<ul style="list-style-type: none">•Recognizes and matches attributes of objects, such as size, shape, and color•Uses rules to sort objects•Uses rules to create and extend repeating pattern