



EVERYDAY MATHEMATICS

PRE-KINDERGARTEN GRADE-LEVEL GOALS

Content Strand: Number and Numeration		
Grade-Level Goals	Content Thread	Program Goal
Goal 1 Verbally count in sequence to 10 and beyond; <i>develop flexibility in counting, including counting on and counting backward.</i>	<i>Rote counting</i>	Understand the Meanings, Uses, and Representations of Numbers
Goal 2 Count objects with one-to-one correspondence and know the last counting word tells “how many.”	<i>Rational counting</i>	
Goal 3 Develop an awareness of numbers and their uses; associate number names, quantities, and written numerals; recognize and use different ways to represent numbers (for example, groups of objects or dots).	<i>Place value and notation</i>	
Goal 4 Compare and order groups of objects using words such as <i>more, fewer, less, same.</i>	<i>Comparing and ordering numbers</i>	Understand Common Numerical Relations

Content Strand: Operations and Computation		
Grade-Level Goals	Content Thread	Program Goal
Goal 1 Solve and create number stories using concrete modeling; explore part-whole relationships (for example, 5 is made of 2 and 3).	<i>Models for the operations</i>	Understand Meanings of Operations



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Content Strand: Data and Chance

Grade-Level Goals		Content Thread	Program Goal
Goal 1	Collect and represent data in a variety of ways focusing on concrete and pictorial representations.	<i>Data collection and representation</i>	Select and Create Appropriate Graphical Representations of Collected or Given Data
Goal 2	Use graphs to answer simple questions.	<i>Data analysis</i>	Analyze and Interpret Data

Content Strand: Measurement and Reference Frames

Grade-Level Goals		Content Thread	Program Goal
Goal 1	Distinguish and describe size attributes, including length, weight, and capacity or volume; compare objects according to various size attributes.	<i>Length, weight, and angles</i>	Understand the Systems and Processes of Measurement; Use Appropriate Techniques, Tools, Units, and Formulas in Making Measurements
Goal 2	Become familiar with standard measuring tools and their uses; <i>begin to understand the concept of measurement units and the idea that measurement can be quantified.</i>	<i>Units and systems of measurement</i>	
Goal 3	Sequence familiar events in time.	<i>Time</i>	



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Content Strand: Geometry		
Grade-Level Goals	Content Thread	Program Goal
Goal 1 Recognize and describe basic 2-dimensional geometric shapes; explore the relationships between basic 2-dimensional and 3-dimensional shapes.	<i>Plane and solid figures</i>	Investigate Characteristics and Properties of Two- and Three-Dimensional Geometric Shapes
Goal 2 Recognize and describe the position and location of objects; use spatial reasoning in concrete tasks, such as putting together puzzles and creating collages and block structures.	<i>Transformations and symmetry</i>	Apply Transformations and Symmetry in Geometric Situations

Content Strand: Patterns, Functions, and Algebra		
Grade-Level Goals	Content Thread	Program Goal
Goal 1 Recognize and match attributes of objects, such as size, shape, and color; use rules to sort objects; use rules to create and extend repeating patterns.	<i>Patterns and functions</i>	Understand Patterns and Functions