MIDDLETOWN MATH SCOPE & SEQUENCE

Grade: Pre-Kindergarten
Quarter: 1

Standards **Key Ideas, Major Understandings, Performance Indicators, Competencies**		**Pacing**	**Resources** **Print, Visual, Technology, Manipulatives**	**Assessment** **Evidence & Scoring Guides**
Geometry Strand Students will recognize, use, and represent algebraically patterns, relations, and functions.	**PK.G.2** Informally play with solids (e.g., building blocks.	On-going	Blocks and Legos	Teacher observations
Statistics and Probability Strands Students will collect organize, display, and analyze data.	PK.S.1 Sort and organize objects by one attribute Ex. Color, size, shape Analysis of Data PK.S.4 Describe the attributes of objects	On-going	Sorting and patterns- blocks, buttons, bears, caps manipulatives	Fall Math assessment
Number Sense and Operation Strand Students will understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems.	**PK.N.3** Verbally count by 1's to 10. **PK.N.2** Count out (produce) a collection of a specified size (1 to 5). **PK.N.1** Count the items n a collection and know the last counting work tells how many items are in the collection (1 to 5). **PK.N.7** Recognize numerals (0-5)	On-going	Counting to 10 Bears, unifix cubes Bears, buttons, blocks, dice Card Games- flash cards, uno, go fish Charts, graphs, sorting containers	Math Assessment Observational Checklist

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	PK.N.5 Draw pictures of other informal symbols to represent a spoken number up to 5. **PK.N.4** Explore the different representations of a group of objects. **PK.N.8** Use and understand the terms first and last.	On-going	Counting to 5 Manipulate children to demonstrate first and last	
Measurement Strand Students will determine what can be measured and how, using appropriate methods and formulas.	**PK.M.1** Develop language such as bigger, longer, and taller to discuss length. **PK.M.2** Relate specific times such as day and night.	On-going	Measure children, objects in classroom Longer and Shorter Calendar, sequence cards, books	Pre-K Math Assessments Observational Checklists