



VALWOOD

GO BEYOND

PreK Mathematics Arts Curriculum

PreK Mathematics

Course Description		Topics at a Glance	
<p>In pre-kindergarten, math units emphasize numerals, rote counting, shape recognition, number sense, patterns and graphing through using a wide range of math manipulative and materials.</p>		<ul style="list-style-type: none"> ● Numerals and Counting ● Number Sense ● Shapes ● Patterns ● Graphing ● Calendar Skills 	
Assessments		Notes for Math	
<ul style="list-style-type: none"> ● Teacher made pre and post assessments ● Teacher observations and anecdotal records ● Informal checks for understanding ● Student questions/answers ● Performance tasks 		<ol style="list-style-type: none"> 1. The focus is on number sense and pattern recognition 2. Students are encouraged to show one to one correspondence and rote count to 100 3. Students are exposed to a variety of graphs 4. Students explore with a variety of measurement tools. 5. Children’s literature is used to introduce many mathematical concepts 	
Grade Level Expectations			
Topics	Big Ideas for Pre-Kindergarten		
1. Numerals and Counting	<ol style="list-style-type: none"> 1. Rote counting 2. Numeral recognition 3. Numeral writing 		
2. Number Sense	<ol style="list-style-type: none"> 1. Quantity recognition 2. Counting with meaning 3. Ordinal numbers 		
3. Calendar Skills	<ol style="list-style-type: none"> 1. Days of the week 2. Months of the year 		
4. Shapes	<ol style="list-style-type: none"> 1. Shape identification 2. Shape drawing 3. Using puzzles and tangrams 		
5. Patterns	<ol style="list-style-type: none"> 1. Pattern recognition (AB, AABB, ABC) 		
6. Graphing	<ol style="list-style-type: none"> 1. Collecting Data 2. Making and reading bar graphs 		