

Student's Name: _____

Individual Profile of Progress: Kindergarten Number Sense and Operations Strand

Students will understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems.

MARKING PERIOD				PERFORMANCE INDICATORS	COMMENTS
Number Systems					
				K.N.1 Count the items in a collection and know the last counting word tells how many items are in the collection (1 to 10)	
				K.N.2 Count out (produce) a collection of a specified size 1 to 10	
				K.N.3 Numerically label a data set of 1 to 5	
				K.N.4 Verbally count by 1s to 20	
				K.N.5 Verbally count backwards from 10	
				K.N.6 Represent collections with a finger pattern up to 10	
				K.N.7 Draw pictures or other informal symbols to represent a spoken number up to 10	
				K.N.8 Draw pictures or other informal symbols to represent how many in a collection up to 10	
				K.N.9 Write numbers from 1 to 10 to represent a collection	
				K.N.10 Visually determine how many more or less, and then using the verbal counting sequence, match and count 1-10	
				K.N.11 Use and understand verbal ordinal terms, first to tenth	

Adapted from *The New York State Mathematics Standards* by Phyllis Eldracher

Students will understand meanings of operations and procedures, and how they relate to one another.

Operations					
				K.N.12 Solve and create addition and subtraction verbal word problems (use counting-based strategies, such as counting on and to ten)	
				K.N.13 Determine sums and differences by various means	

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Student's Name: _____

Individual Profile of Progress: Kindergarten Algebra Strand

Students will recognize, use, and represent algebraically patterns, relations, and functions.

MARKING PERIOD				PERFORMANCE INDICATORS	COMMENTS
Patterns, Relations, and Functions					
				K.A.1 Use a variety of manipulatives to create patterns using attributes of color, size, or shape	
				K.A.2 Recognize, describe, extend, and create patterns that repeat (i.e., ABABAB or ABAABAAAB)	

Kindergarten Geometry Strand

Students will use visualization and spatial reasoning to analyze characteristics and properties of geometric shapes.

MARKING PERIOD				PERFORMANCE INDICATORS	COMMENTS
Shapes					
				K.G.1 Describe characteristics and relationships of geometric objects	

Students will identify and justify geometric relationships, formally and informally.

Geometric Relationships					
				K.G.2 Sort groups of objects by size and size order (increasing and decreasing)	

Students will apply transformations and symmetry to analyze problem-solving situations.

Transformational Geometry					
				K.G.3 Explore vertical and horizontal orientation of objects	
				K.G.4 Manipulate two- and three-dimensional shapes to explore symmetry	

Adapted from *The New York State Mathematics Standards* by Phyllis Eldracher

Students will apply coordinate geometry to analyze problem-solving situations.

Coordinate Geometry				
				K.G.5 Understand and use ideas such as over, under, above, below, on, beside, next to, and between

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Student's Name: _____

Individual Profile of Progress: Kindergarten Measurement Strand

Students will determine what can be measured and how, using appropriate methods and formulas.

MARKING PERIOD				PERFORMANCE INDICATORS	COMMENTS
Units of Measurement					
				K.M.1 Name, discuss, and compare attributes of length (longer than, shorter than)	
				K.M.2 Compare the length of two objects by representing each length with string or a paper strip	
				K.M.3 Relate specific times such as morning, noon, afternoon, and evening to activities and absence or presence of daylight	

Kindergarten Statistics and Probability Strand

Students will collect, organize, display, and analyze data.

MARKING PERIOD				PERFORMANCE INDICATORS	COMMENTS
Collection of Data					
				K.S.1 Gather data in response to questions posed by the teacher and students	
Organization and Display of Data					
				K.S.2 Help to make simple pictographs for quantities up to 10, where one picture represents 1	
				K.S.3 Sort and organize objects by two attributes (i.e., color, size, or shape)	
				K.S.4 Represent data using manipulatives	
Analysis of Data					
				K.S.5 Identify more, less, and same amounts from pictographs or concrete models	

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