Grade K/1								
When?	**Beginning of the Year**			**Mid-Year**			**End of Year**	
Focus Concepts	Number Concepts			Addition Concepts				
Big Ideas	Using Fingers as Numbers Understanding the Physical Quantity of a Number Organizing to Count Seeing and Making Patterns Everywhere Describing and Sorting Objects Talking About and Making Shapes			Putting Numbers Together Stretching Counting Toward 100 (120) Seeing Numbers Inside of Numbers *Numbers on a Line Tens and Ones are Useful Ways to Organize Solving Problems in Different Ways Shape Flexibility			Equal means the same Representing and modeling situations help us to see math *We Use Data to Describe and Wonder About the World We use units to measure our world	
Units	Counting	Number Concepts	Modeling Addition	Addition Strategies	Place Value (tens and ones)		Place Value (tens and hundreds)	Addition and Subtraction Strategies
Reoccurring	Geometry, Measurement, Data, and Patterns							
Competency	Number & Number Systems Symbolic Expression	Number & Number Systems Symbolic Expression	Reasoning & Computation Strategies Symbolic Expression	Reasoning & Computation Strategies Symbolic Expression	Reasoning & Computational Strategies Number & Number Systems			Reasoning & Computational Strategies Symbolic Expression Number & Number Systems
Standards								
Across the Year Competencies	Geometry Data Analysis, Probability & Statistics			Geometry Measurement (*Application of Addition)			Measurement Data Analysis, Probability, & Statistics	
Standards								
Common Summative Assessments								
	*** represent big ideas that occur in both grade levels**			**Secondary Concept: subtraction**				

Grade 2/3								
When?	**Beginning of the Year**			**Mid-Year**			**End of Year**	
Focus Concepts	Subtraction Concepts			Multiplication Concepts				
Reoccurring	Geometry, Measurement, and Data							
Big Ideas	Using Benchmark Numbers and the Number Line The Ruler as a Number Line Being Flexible with Numbers Doing and Undoing: Connecting Addition and Subtraction Using Tens, Ones, and hundreds Building with 10's and 100's *Solving Problems with Data			*Thinking in Equal Groups Seeing multiplication as Area Tiling to Understand Area Thinking Around Shapes (partitioning) Using Units to Investigate			Seeing Fractions: the parts and the wholes Understanding ½	
Units	Place Value	Addition and Subtraction Strategies	Mini Unit: Data	Multiplication Models (Application: area/perimeter)	Mini Unit: Measurement/ Time		Relating Multiplication and Division with Models	Fractions

Competency	Number & Number Systems Symbolic Expression	Reasoning & Computational Strategies Symbolic Expression Number & Number Systems	Data Analysis, Probability, & Statistics	Reasoning & Computational Strategies Geometry Measurement	Measurement Number & Number systems Symbolic Expression	Reasoning & Computational Strategies Symbolic Expression Gr.3 Algebra Functions, Patterns & Relations	Reasoning & Computational Strategies Number & Number Systems Symbolic Expression
Standards							
Across the Year Competencies	Geometry Measurement Data Analysis, Probability & Statistics			Geometry Measurement Data Analysis, Probability & Statistics		Geometry Measurement Data Analysis, Probability & Statistics	
Standards							
Common Summative Assessments							
	*** represent big ideas that occur in both grade levels**			**Secondary Concept: use time and money only as an application as addition and subtraction, shape attributes and partitioning shapes**			
Grade 4/5							
When?	**Beginning of the Year**		**Mid-Year**			**End of Year**	
Focus Concepts	Division Concepts			Fraction Concepts			
Reoccurring	Geometry: volume and area and Measurement						
Big Ideas	Illustrating Multiplication and Division *Using numbers (and symbols) flexibly Making and naming number patterns Seeing Patterns inside of numbers Thinking in powers of 10			What is a decimal? Seeing and connecting patterns across representations Modeling with unit fractions *Exploring/Using fraction Equivalence Estimating with fractions Units are a relationship		Understanding fraction multiplication and division visually Building and designing with shapes and angles Thinking in cubes Exploring the coordinate plane	
Units	Place Value (Whole Number and Decimal)	Multiplication	Modeling Division	Division Concepts	Decimal Operations	Fraction Number Sense	Addition and Subtraction of Fractions	Modeling Multiplication and Division of Fractions
Competency	Number & Number Systems Symbolic Expression	Reasoning & Computational Strategies Symbolic Exporession	Reasoning & Computational Strategies Symbolic Expression	Reasoning & Computational Strategies Number & Number Systems Symbolic Expression		Number & Number Systems Reasoning & Computatonal Strategies Symbolic Expression		Reasoning & Computational Strategies Symbolic Expression Algebra Funtions, Patterns, & Relations Symbolic Expression
Standards								
Across the Year Competencies	Geometry Measurement			Geometry Measurement		Geometry Measurement		
Standards								
Common Summative Assessments								

	*** represent big ideas that occur in both grade levels**					**Secondary Concept: classifying quadrilaterals, coordinate grids, modeling fraction multiplication/division, and data (graphing fractions on a number line can be integrated with the fraction units)**				
Grade 6										
When?	**Beginning of the Year**			**Mid-Year**					**End of Year**	
Focus Concepts	Ratio Concepts					Integer Concepts				
Reoccurring	Data and Statistics and Geometry (application of whole number operations in trimester 1/ application of equations in Trimester 3)									
Big Ideas	Generalizing Taking apart prisms and polygons (application)					Reasoning with proportions Finding and Using Unit Rates Using symbols to describe the world			Visualizing the center and spread of data Expanding the number line Folding and unfolding objects	
Units	Operations with whole numbers, fractions, and decimals			Patterns in numbers: prime/composite and prime factorization		Connecting ratio to rate to division	Reasoning with Proportions	Algebra Concepts, Expressions, and Equations	Algebra Concepts, Expressions, and Equations	Statistics Integers
Competency	Reasoning & Computational Strategies Number & Number Systems			Number & Number Systems Symbolic Expression Algebraic Functions, Patterns, & Relations		Algebraic Functions, Patterns, & Relations Reasoning & Computational Strategies Symbolic Expression Data Analysis, Probability, & Statistics		Algebraic Functions, Patterns, & Relations Symbolic Expression Reasoning & Computational Strategies	Number & Nymber Systems Symbolic Expression Data Analysis, Probability & Statistics	
Standards										
Across the Year Competencies	Data Analysis, Probability & Statistics Geometry					Data Analysis, Probability & Statistics Geometry			Data Analysis, Probability & Statistics Geometry	
Standards										
Common Summative Assessments										
	*** represent big ideas that occur in both grade levels**					**Secondary Concepts: Coordinate Grid (application of integers), Nets and surface area calculations** **Reduce the amount of required student practice in calculating measures of center and measures of variation by hand, to make room to emphasize the concept of a distribution and the usefulness of summary measures.** **Reduce the amount of time spent creating data displays by hand.**				