Fifth Grade (Investigation)

4th Nine Weeks: Scope and Sequence

Content Standards	Dates Taught	% of Students scoring over 70%	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
6. Read, write, and compare decimals to thousandths. [5.NBT.3] *Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., 347.392 = 3 x 100 + 4 x 10 + 7 x 1 + 3 x (1/10) + 9 x (1/100) + 2 x (1/1000).* *Compare two decimals to thousandths based on meanings of the*				

division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. [5.NBT.6]				
20. Recognize volume as an attribute of solid figures and understand concepts of volume measurement. [5.MD.3] *A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume.* *A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.*				
21. Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units. [5.MD.4]				
22. Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. [5.MD.5] *Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base.* *Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.* *Apply the formulas V = l x w x h and V = b x h for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.* *Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.*				
1. Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols. [5.OA.1]				
8. Fluently multiply multi-digit whole numbers using the standard algorithm. [5.NBT.5]				

4. Recognize that in a multi-digit number, a digit in one place represents ten

benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. [5.NF.2]
For example, recognize an incorrect result 2/5 + ½ = 3/7, by observing that 3/7 < ½.