

**Florida Sunshine State Standards
Correlated to**

**Academic Language Notebooks
The Language of Math
Grade 5**

Florida Standards	Module Number and Name
BIG IDEA 1: Develop an understanding of and fluency with division of whole numbers	
MA.5.A.1.1 Describe the process of finding quotients involving multi-digit dividends using models, place value, properties and the relationship of division to multiplication.	1. Place Value of Whole Numbers and Decimals
MA.5.A.1.2 Estimate quotients or calculate them mentally depending on the context and numbers involved.	5. Estimate Whole Numbers and Decimals 8. Patterns and Estimation in Division
MA.5.A.1.3 Interpret solutions to division situations including those with remainders depending on the context of the problem.	
MA.5.A.1.4 Divide multi-digit whole numbers fluently, including solving real-world problems, demonstrating understanding of the standard algorithm and checking the reasonableness of results.	
BIG IDEA 2: Develop an understanding of and fluency with addition and subtraction of fractions and decimals.	
MA.5.A.2.1 Represent addition and subtraction of decimals and fractions with like and unlike denominators using models, place value or properties.	4. Properties of Addition 15. Divide Fractions
MA.5.A.2.2 Add and subtract fractions and decimals fluently and verify the reasonableness of results, including in problem situations.	
MA.5.A.2.3 Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding.	
MA.5.A.2.4 Determine the prime factorization of numbers.	10. Common Factors and Common Multiples
BIG IDEA 3: Describe three-dimensional shapes and analyze their properties, including volume and surface area.	
MA.5.G.3.1 Analyze and compare the properties of two-dimensional figures and three-dimension (polyhedra), including the number of edges, faces, vertices, and types of faces.	16. Points, Lines, Rays, and Angles 17. Triangles, Polygons, and Quadrilaterals
MA.5.G.3.2 Describe, define and determine surface area and volume of prisms by using appropriate units and selecting strategies and tools.	23. Area, Surface Area, and Volume
Algebra	
MA.5.A.4.1 Use the properties of equality to solve numerical and real world situations.	2. Compare and Order Whole Numbers and Decimals 29. Write and Solve Equations
MA.5.A.4.2 Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time.	
Geometry and Measurement	
MA.5.G.5.1 Identify and plot ordered pairs on the first quadrant of the coordinate plane.	30. Functions and Ordered Pairs
MA.5.G.5.2 Compare, contrast, and convert units of measure within the same dimension (length, mass, or time) to solve problems.	
MA.5.G.5.3 Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement.	21. Customary and Metric Measurement of Length, Weight/Mass, and Capacity
MA.5.G.5.4 Derive and apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle.	22. Perimeter and Circumference

Florida Standards	Module Number and Name
Number and Operations	
MA.5.A.6.1 Identify and relate prime and composite numbers, factors and multiples within the context of fractions.	9. Factors and Divisibility
MA.5.A.6.2 Use the order of operations to simplify expressions which include exponents and parentheses.	
MA.5.A.6.3 Describe real-world situations using positive and negative numbers.	
MA.5.A.6.4 Compare, order, and graph integers, including integers shown on a number line.	
MA.5.A.6.5 Solve non-routine problems using various strategies including “solving a simpler problem” and “guess, check, and revise.”	
Data Analysis	
MA.5.S.7.1 Construct and analyze line graphs and double bar graphs.	24. Make and Read Graphs
MA.5.S.7.2 Differentiate between continuous and discrete data and determine ways to represent those using graphs and diagrams.	