

Financial Fitness for Life: Shaping Up Your Financial Future
Mathematics Curriculum Framework Correlation

Sixth Grade

↓ Frameworks / Lessons →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NUMBERS AND OPERATIONS																	
Standard 1: Number Sense: Students shall understand numbers, ways of representing numbers, relationships among numbers and number systems																	
Rational Numbers																	
NO.1.6.1 Demonstrate conceptual understanding to find a specific percent of a number, using models, real-life examples, or explanations	√		√					√	√		√	√			√		√
NO.1.6.3 Round and compare decimals to a given place value including thousandths	√		√								√	√					
Standard 2: Properties of Number Operations: Students shall understand meanings of operations and how they relate to one another																	
Number Theory																	
No.2.6.2 Apply the distributive property of multiplication over addition to simplify computations with whole numbers	√																
NO.2.6.4 Apply rules (conventions) for order of operations to whole numbers with and without parentheses	√		√		√	√		√	√		√						
Understand Operations																	
NO.2.6.5 Model multiplication and division of fractions (including mixed numbers) and decimals using pictures and physical objects	√										√						

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Standard 3: Numerical Operations and Estimation: Students shall compute fluently and make reasonable estimates																	
NO.3.6.1 Apply, with and without appropriate technology, algorithms with computational fluency to perform whole number operations (+, -, x, /)	√	√	√		√	√	√	√	√		√	√	√		√	√	
NO.3.6.2 Develop and analyze algorithms for computing with fractions (including mixed numbers) and decimals and demonstrate, with and without technology, computational fluency in their use and justify the solution	√			√		√			√		√	√			√	√	
NO.3.6.3 Solve, with and without appropriate technology, multi-step problems using a variety of methods and tools	√	√	√	√	√	√	√	√	√		√		√		√	√	
Estimation																	
NO.3.6.4 Estimate reasonable solutions to problem situations involving fractions and decimals	√	√	√														
Application of Computation																	
NO.3.6.6 Use proportional reasoning and ratios to represent problem situations and determine the reasonableness of solutions with and without appropriate technology	√										√	√					
NO.3.6.7 Determine the percent of a number and solve related problems in real world situations	√		√					√	√		√	√			√		√

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ALGEBRA																	
Patterns, Relations and Functions																	
A.4.6.1 Solve problems by finding the next term or missing term in a pattern or function table using real world situations						√											
A.4.6.2 Interpret and write an algebraic rule for a one-operation function table								√									
Standard 5: Algebraic Representations: Students shall represent and analyze mathematical situations and structures using algebraic symbols																	
Expressions, Equations and Inequalities																	
A.5.6.1 Model, write and solve one-step equations by informal methods using manipulatives and appropriate technology					√	√		√									
A.5.6.2 Write simple algebraic expressions using appropriate operations(+, -, x, /) with one variable					√	√		√									
A.5.6.3 Evaluate algebraic expressions with one variable using appropriate properties and operations (+, -, x, /)					√	√		√									
Standard 7: Analysis of Change: Students shall analyze change in various contexts																	
Analyze Change																	
A.7.6.1 Identify and compare situations with constant or varying rates of change	√				√	√	√	√	√		√	√			√		

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MEASUREMENT																	
Standard 13: Systems of Measurement: Students shall identify and use units, systems and processes of measurement																	
Attributes and Tools																	
M.13.6.1 Solve real world problems involving one elapsed time, counting forward and backward (calendar and clock)			√			√	√										
DATA ANALYSIS AND PROBABILITY																	
Standard 14: Data Representation: Students shall formulate questions that can be addressed with data and collect, organize and display relevant data to answer them																	
Collect, Organize and Display Data																	
DAP.14.6.1 Formulate questions, design studies and collect data about a characteristic shared by two populations or different characteristics within one population			√		√	√	√										
DAP.14.6.2 Collect data and select appropriate graphical representations to display the data including Venn diagrams			√			√	√								√		
Standard 15: Data Analysis: Students shall select and use appropriate statistical methods to analyze data																	
Data Analysis																	
DAP.15.6.2 Compare and interpret information provided by measure of central tendencies (mean, median and mode) and measures of spread (range)			√		√	√	√				√						

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Standard 16: Inferences and Predictions: Students shall develop and evaluate inferences and predictions that are based on data																	
Data Analysis																	
DAP. 16.6.1 Use observations about differences in data to make justifiable inferences	√		√		√	√	√	√	√		√	√	√		√		