

6/7 ACCELERATED MATH

UNIT MAPS: YEAR-AT-A-GLANCE

2026-2027

COURSE LEARNINGS:

GRADING PERIOD	UNIT	# OF DAYS	GRADING PERIOD	UNIT	# OF DAYS
1st Nine Weeks	Unit 1: Numbers (Integers and Rational Numbers) EnVision + (SAVVAS) - Grade 6 - Topic 1-6 - Topic 2-1 through 2-5 - Topic 3-1 - Topic 7-1 through 7-3 EnVision + (SAVVAS) - Grade 7 - Topic 1-1 6.2D: order a set of rational numbers arising from a mathematical and real-world contexts 6.4G: generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money 6.2A: classify whole numbers, integers, and rational numbers using a visual representations such as Venn diagram to describe relationships between sets of numbers 6.2C: locate, compare, and order integers and rational numbers using a number line 6.2B: identify a number, its opposite, and its absolute value 6.2E: extend representations for division to include fraction notation such as a/b to represent the same number as $a \div b$ where $b \neq 0$ 6.4F: represent benchmark fractions and percents such as 1%, 10%, 25%, $33 \frac{1}{3}\%$, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers 7.2A: Extend previous knowledge of sets and subsets using a visual representation to describe relationships between sets of rational numbers	15		Unit 6: Algebraic Representations EnVision + (SAVVAS) - Grade 6 - Topic 5-11 and 5-12 - Topic 6-1 and 6-5 6.6C: Represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$ 6.4A: Compare two rules verbally, numerically, graphically, and symbolically in the form of $y = ax$ or $y = x + a$ in order to differentiate between additive and multiplicative relationships 6.6A: Identify independent and dependent quantities from tables and graphs 6.6B: Write an equation that represents the relationship between independent and dependent quantities from a table	10

3rd Nine Weeks

	Unit 2: Rational Number Operations EnVision + (SAVVAS) - Grade 6 • Topics 1-1 through 1-9 • Topics 3-2 through 3-5 EnVision + (SAVVAS) - Grade 7 • Topics 1-2 through 1-6 6.3E: multiply and divide positive rational numbers fluently 6.3D: add, subtract, multiply, and divide integers fluently 7.3B: apply and extend previous understandings of operations to solve problems using addition, subtraction, multiplication, and division of rational numbers 6.3B: determine, with and without computation, whether a quantity is increased or decreased when multiplied by a fraction, including values greater than or less than one 6.2E: extend representations for division to include fraction notation such as a/b represents the same number as $a \div b$ where $b \neq 0$ 6.3A: recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values 6.3C: represent integer operations with concrete models and connect the actions with the models to standardized algorithms 7.3A: add, subtract, multiply, and divide rational numbers fluently	21	Unit 7: Ratios, Rates, and Unit Rates EnVision + (SAVVAS) - Grade 6 • Topic 6-6 through 6-11 EnVision + (SAVVAS) - Grade 7 • Topic 2-1 through 2-7 6.4B: Apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates 6.4H: Convert units within a measurement system, including the use of proportions and unit rates 7.4A: Represent constant rates of change in mathematical and real world problems given pictorial, tabular, verbal. Numerical, graphical, and algebraic relationships 7.4D: Solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems. 7.7A: Represent linear relationship using verbal descriptions, tables, graphs, and equations that simplify to the form $y = mx + b$ 6.4C: Give examples of ratios as multiplicative comparisons of two quantities describing the same attribute 6.4E: Represent ratios and percents with concrete models, fractions, and decimals 6.5A: Represent mathematical and real-world problems involving ratios and rates using scale factors, tables, graphs, and proportions 6.4D: Use equivalent fractions, decimals, and percents to show equal parts of the same whole 7.4C: Determine the constant of proportionality ($k = y/x$) within mathematical and real-world problems 7.4E: Convert between measurement systems, including the use of proportions and the use of unit rates	23
			Unit 8: Percents EnVision + (SAVVAS) - Grade 6 • Topic 7-1 through 7-6 EnVision + (SAVVAS) - Grade 7 • Topic 3-1 through 3-7 6.5B: Solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models	11

				6.4G: Generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money 7.4D: Solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease and financial literacy problems 6.4E: Represent ratios and percents with concrete models, fractions, and decimals 6.4F: Represent benchmark fractions and percents such as 1%, 10%, 25%, 33 $\frac{1}{3}$%, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers 6.5C: Use equivalent fractions, decimals, and percents to show equal parts of the same whole 7.13A: calculate the sales tax for a given purchase and calculate the income tax for earned wages 7.13F: Analyze and compare monetary incentives, including sales, rebates, and coupons	
				Unit 9: Financial Literacy EnVision + (SAVVAS) - Grade 6 Topic 10-1 through 10-6 6.14A: Compare the features and costs of a checking account and a debit card offered by different local financial institutions 6.14B: Distinguish between debit and credit cards 6.14C: Balance a check register that includes deposits, withdrawals, and transfers 6.14E: Describe the information in a credit report and how long it is retained 6.14F: Describe the value of credit reports to borrowers and to lenders 6.14G: Explain various methods to pay for college, including through savings, grants, scholarships, student loans, and work-study 6.14H: Compare the annual salary of several occupations requiring various levels of post-secondary education or vocational training and calculate the effect of the different annual salaries on lifetime income	5
	TOTAL DAYS	36		TOTAL DAYS	41
2nd Nine Weeks	Unit 3: Expressions EnVision + (SAVVAS) - Grade 6 Topic 4-1 through 4-9	14	4th Nine Weeks	Unit 9: Geometry (continued) EnVision + (SAVVAS) - Grade 6 Topic 9-1 through 9-8	8

	6.7A: Generate equivalent numerical expressions using order of operations, including whole number exponents, and prime factorization 6.7D: Generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties 6.7C: Determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations 6.7B: Distinguish between expressions and equations verbally, numerically, and algebraically		EnVision + (SAVVAS) - Grade 7 • Topic 7-3 through 7-5 • Topic 8-3 through 8-4	
	Unit 4: Equations EnVision + (SAVVAS) - Grade 6 • Topic 5-1 through 5-5 EnVision + (SAVVAS) - Grade 7 • Topic 4-1 through 4-3 6.10A: Model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts 7.11A: Model and solve one-variable, two-step equations and inequalities 6.9B: Represent solutions for one-variable, one-step equations and inequalities on number lines 6.9A: Write one-variable, one-step equations and inequalities to represent constraints or conditions within problems 6.9C: Write corresponding real-world problems given one-variable, one-step equations or inequalities 7.10A: Write one-variable, two-step equations and inequalities to represent constraints or conditions within problems 7.10B: Represent solutions for one-variable, two-step equations and inequalities on number lines 7.10C: Write a corresponding real-world problem given a one-variable, two-step equation or inequality 7.11B: Determine if the given value(s) make(s) one-variable, two-step equations and inequalities true	12	Unit 10: Data Analysis EnVision + (SAVVAS) - Grade 6 • Topic 8-1 through 8-10 6.12C: Summarize numeric data with numerical summaries, including the mean and median (measures of center) and the range and interquartile range (IQR) (measures of spread), and use these summaries to describe the center, spread, and shape of the data distribution 6.12D: Summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution 6.13A: Interpret numeric data summarized in dot plots, stem-and-leaf plots, histograms, and box plots 6.12A: Represent numeric data graphically, including dot plots, stem-and-leaf plots, histograms, and box plots 6.13B: Distinguish between situations that yield data with and without variability 6.12B: use the graphical representation of numeric data to describe the center, spread, and shape of the distribution	12
	Unit 5: Inequalities EnVision + (SAVVAS) - Grade 6	11	End of Year Review	10

	• Topic 5-7 through 5-10 EnVision + (SAVVAS) - Grade 7 • Topic 4-5 through 4-9 6.10A: Model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts 7.11A: Model and solve one-variable, two-step equations and inequalities 6.9B: Represent solutions for one-variable, one-step equations and inequalities on number lines 6.10B: determine if the given value(s) make(s) one-variable, one-step equations or inequalities true 6.9A: Write one-variable, one-step equations and inequalities to represent constraints or conditions within problems 6.9C: Write corresponding real-world problems given one-variable, one-step equations or inequalities 7.10A: Write one-variable, two-step equations and inequalities to represent constraints or conditions within problems 7.10B: Represent solutions for one-variable, two-step equations and inequalities on number lines 7.10C: Write a corresponding real-world problem given a one-variable, two-step equation or inequality 7.11B: Determine if the given value(s) make(s) one-variable, two-step equations and inequalities true			Unit 11: Financial Literacy EnVision + (SAVVAS) - Grade 6 • Topic 10-1 through 10-6 6.14A: Compare the features and costs of a checking account and a debit card offered by different local financial institutions 6.14B: Distinguish between debit and credit cards 6.14C: Balance a check register that includes deposits, withdrawals, and transfers 6.14E: Describe the information in a credit report and how long it is retained 6.14F: Describe the value of credit reports to borrowers and to lenders 6.14G: Explain various methods to pay for college, including through savings, grants, scholarships, student loans, and work-study 6.14H: Compare the annual salary of several occupations requiring various levels of post-secondary education or vocational training and calculate the effect of the different annual salaries on lifetime income	5
				Unit 12: Probability EnVision + (SAVVAS) - Grade 7 • Topic 6-1 through 6-9 7.6(H): Solve problems using qualitative and quantitative predictions and comparisons from simple experiments 7.6(I): Determine experimental and theoretical probabilities related to simple and compound events using data and sample spaces 7.6(A): Represent sample spaces for simple and compound events using lists and tree diagrams 7.6(C): Make predictions and determine solutions using experimental data for simple and compound events 7.6(D): Make predictions and determine solutions using theoretical probability for simple and compound events	9
	TOTAL DAYS	37		TOTAL DAYS	44