

1 <sup>st</sup> Quarter (44 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Aug 10-12 (3 days)	Introduction/ Assessment	Assessment Policies & Procedures Behavior expectations: CHAMPS	
2 <sup>nd</sup> : Aug 15-19 (5 days)	Unit - 1 Rational Numbers and the Coordinate Plane	TSWL: Integers and Graphing Modeling Absolute Value Comparing and Ordering Integers Understanding the Mathematical Process Understanding Decimals and Fractions	6.2 Number and operations. The student applies mathematical process standards to represent and use rational numbers in a variety of forms. 6.3 Number and operations. The student applies mathematical process standards to represent addition, subtraction, multiplication, and division while solving problems and justifying solutions.
3 <sup>rd</sup> : Aug 22-26 (3 days)	Unit - 1 Rational Numbers and the Coordinate Plane	TSWL: Number lines Classifying Rational Numbers Comparing and Ordering Rational Numbers	6.2(A) classify whole numbers, integers, and rational numbers using a visual representation such as a Venn diagram to describe relationships between sets of numbers 6.2(B) identify a number, its opposite, and its absolute value 6.2(C) locate, compare, and order integers and rational numbers using a number line 6.2(E) extend representations for division to include fraction notation such as $a/b$ represents the same number as $a \div b$ where $b \neq 0$ 6.2(D) order a set of rational numbers arising from mathematical and real-world contexts 6.4(G) generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money
4 <sup>th</sup> : Aug 29- Sep 2 (5 days)	Unit - 1 Rational Numbers and the Coordinate Plane Unit - 2 Multiply and Divide Rational Numbers	TSWL: Multiplying & Dividing Decimals by Decimals	6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace 6.3(A) recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values
5 <sup>th</sup> : Sept 6-9 Labor Day Holiday on Monday 9/5 (4 days)	Unit - 2 Multiply and Divide Rational Numbers	TSWL: Multiplying & Dividing Decimals by Decimals Multiplying & Dividing Fractions and Mixed Numbers by Whole Numbers, Fractions, and Mixed Numbers	6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace 6.3(A) recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values 6.3(B) 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 6.3(E) multiply and divide positive rational numbers fluently

1 <sup>st</sup> Quarter (44 Days)			
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6 <sup>th</sup> : Sept 12-16 <i>(5 days)</i>	<b>Unit - 2 Multiply and Divide Rational Numbers</b>	TSWL: Multiplying & Dividing Fractions and Mixed Numbers by Whole Numbers, Fractions, and Mixed Numbers	6.3(B) 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 6.3(E) multiply and divide positive rational numbers fluently
7 <sup>th</sup> : Sept 19-22 PD Day Friday 9/23 <i>(4 days)</i>	<b>Unit - 3 Operations with Integers</b>	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers Mixed Problem Solving with Integers	6.3(B) 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 6.3(E) multiply and divide positive rational numbers fluently 6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace
8 <sup>th</sup> : Sept 26-30 <i>(5 days)</i>	<b>Unit - 3 Operations with Integers</b>	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers Mixed Problem Solving with Integers	6.3(B) 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 6.3(E) multiply and divide positive rational numbers fluently 6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace
9 <sup>th</sup> : Oct 3-7 <i>(5 days)</i>	<b>Unit - 3 Operations with Integers</b>	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers Mixed Problem Solving with Integers	6.3(B) 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 6.3(E) multiply and divide positive rational numbers fluently 6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace
10 <sup>th</sup> : Oct 10-14 <i>(5 days)</i>	<b>Unit - 4 Understanding Proportions</b>	TSWL: Ratios and Unit Rates To graph Ratio and Rate Tables Equivalent Ratios and Rates Conversion of Measuring Units	6.4(B) apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates 6.4(C) give examples of ratios as multiplicative comparisons of two quantities describing the same attribute 6.4(D) give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients 6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.1(B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution

2nd Quarter (45 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Oct 17-21 (5 days)	Unit - 4 Understanding Proportions	TSWL: Ratios and Unit Rates To graph Ratio and Rate Tables Equivalent Ratios and Rates Conversion of Measuring Units	6.4(B) apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates 6.4(C) give examples of ratios as multiplicative comparisons of two quantities describing the same attribute 6.4(D) give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients 6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.1(B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution
2 <sup>nd</sup> : Oct 24-28 (5 days)	Unit - 4 Understanding Proportions	TSWL: Ratios and Unit Rates To graph Ratio and Rate Tables Equivalent Ratios and Rates Conversion of Measuring Units	6.4(B) apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates 6.4(C) give examples of ratios as multiplicative comparisons of two quantities describing the same attribute 6.4(D) give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients 6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.1(B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution
3 <sup>rd</sup> : Nov 1-4 PT Conf Mon 10/31 (4 days)	Unit - 5 Applying Proportions to Percent	TSWL: Percent Conversion between Percents, Fractions, and Decimals Percents less than 1% and greater than 100% Estimations Using Benchmark Percent	6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.4(F) represent benchmark fractions and percents such as 1%, 10%, 25%, 33 1/3%, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers. 6.4(G) generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money
4 <sup>th</sup> : Nov 5-9 (5 days)	Unit - 5 Applying Proportions to Percent	TSWL: Percent Conversion between Percents, Fractions, and Decimals	6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.4(F) represent benchmark fractions and percents such as 1%, 10%, 25%, 33 1/3%, and multiples

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		Percents less than 1% and greater than 100% Estimations Using Benchmark Percent	of these values using 10 by 10 grids, strip diagrams, number lines, and numbers. 6.4(G) generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money
5 <sup>th</sup> : Nov 7-11 (5 days)	Unit - 5Applying Proportions to Percent	TSWL: Percent Conversion between Percents, Fractions, and Decimals Percents less than 1% and greater than 100% Estimations Using Benchmark Percent	6.4(E) represent ratios and percents with concrete models, fractions, and decimals 6.4(F) represent benchmark fractions and percents such as 1%, 10%, 25%, 33 1/3%, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers. 6.4(G) generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money
6 <sup>th</sup> : Nov 14-18 (2 days)	Unit - 6 Multiple Representation	TSWL: Algebraic Relationships Tables, Rules, and Equations Graphing Multiple Representations Additive Relationships and Multiplicative Relationships	6.6(A) identify independent and dependent quantities from tables and graphs 6.6(B) write an equation that represents the relationship between independent and dependent quantities from a table 6.6(C) represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$
7 <sup>th</sup> : Nov 21-25 Thanksgiving (0 days)	Thanksgiving Holiday		
8 <sup>th</sup> : Nov 28-Dec 2 (5 days)	Unit - 6 Multiple Representation	TSWL: Algebraic Relationships Tables, Rules, and Equations Graphing Multiple Representations Additive Relationships and Multiplicative Relationships	6.6(A) identify independent and dependent quantities from tables and graphs 6.6(B) write an equation that represents the relationship between independent and dependent quantities from a table 6.6(C) represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$
9 <sup>th</sup> : Dec 5-9 (5 days)	Unit - 6 Multiple Representation	TSWL: Algebraic Relationships Tables, Rules, and Equations Graphing Multiple Representations Additive Relationships and Multiplicative Relationships	6.6(A) identify independent and dependent quantities from tables and graphs 6.6(B) write an equation that represents the relationship between independent and dependent quantities from a table 6.6(C) represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$
10 <sup>th</sup> : Dec 12-16 (5 days)	Assessment		Review

3rd Quarter (42 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Jan 4- 6 Tues 1/3 PD Day (3 days)	Unit - 7 Algebraic Expressions	TSWL: Distributive Property, Powers and Exponents, Prime Factorization, Order of Operations, and Algebraic Expressions	6.7(A) generate equivalent numerical expressions using order of operations, including whole number exponents, and prime factorization 6.7(D) generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties 6.7(C) determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations
2 <sup>nd</sup> : Jan 9- 13 (5 days)	Unit - 7 Algebraic Expressions	TSWL: Distributive Property, Powers and Exponents, Prime Factorization, Order of Operations, and Algebraic Expressions	6.7(A) generate equivalent numerical expressions using order of operations, including whole number exponents, and prime factorization 6.7(D) generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties 6.7(C) determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations
3 <sup>rd</sup> : Jan 16- 20 Mon 1/16 MLK Holiday (4 days)	Unit - 7 Algebraic Expressions	TSWL: Distributive Property, Powers and Exponents, Prime Factorization, Order of Operations, and Algebraic Expressions	6.7(A) generate equivalent numerical expressions using order of operations, including whole number exponents, and prime factorization 6.7(D) generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties 6.7(C) determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations
4 <sup>th</sup> : Jan 23- 27 (5 days)	Unit - 8 Equations and Inequalities	TSWL: Writing Equations and Representing Solutions Solving Addition and Subtraction Equations Solving Multiplication and Division Equations	6.10(A) model and solve one variable, one step equations and inequalities that represent problems, including geometric concepts 6.10(B) determine if the given value(s) make(s) one variable, one step equations or inequalities true 6.9(A) write one variable, one step equations and inequalities to represent constraints or conditions within problems 6.9(B) represent solutions for one variable, one step equations and inequalities on number lines

3rd Quarter (42 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
			6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
5 <sup>th</sup> : Jan 30 - Feb 3 (5 days)	Unit - 8 Equations and Inequalities	TSWL: Writing Equations and Representing Solutions Solving Addition and Subtraction Equations Solving Multiplication and Division Equations	6.10(A) model and solve one variable, one step equations and inequalities that represent problems, including geometric concepts 6.10(B) determine if the given value(s) make(s) one variable, one step equations or inequalities true 6.9(A) write one variable, one step equations and inequalities to represent constraints or conditions within problems 6.9(B) represent solutions for one variable, one step equations and inequalities on number lines 6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
6 <sup>th</sup> : Feb 6- 10 (5 days)	Unit - 8 Equations and Inequalities	TSWL: Writing Equations and Representing Solutions Solving Addition and Subtraction Equations Solving Multiplication and Division Equations	6.10(A) model and solve one variable, one step equations and inequalities that represent problems, including geometric concepts 6.10(B) determine if the given value(s) make(s) one variable, one step equations or inequalities true 6.9(A) write one variable, one step equations and inequalities to represent constraints or conditions within problems 6.9(B) represent solutions for one variable, one step equations and inequalities on number lines 6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
7 <sup>th</sup> : Feb 13- 17 (4 days)	Unit - 9 Representing Geometry with Algebra	TSWL: Angle and Side Relationships, Properties of a Triangles Area of a Parallelogram, Triangle, and Trapezoid Volume of Rectangular Prism	6.8(B) model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes 6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers 6.8(D) determine

3rd Quarter (42 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
			solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
8 <sup>th</sup> : Feb 20- 24 Mon 2/20 District PD (4 days)	Unit - 9 Representing Geometry with Algebra	TSWL: Angle and Side Relationships, Properties of a Triangles Area of a Parallelogram, Triangle, and Trapezoid Volume of Rectangular Prism	6.8(B) model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes 6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers 6.8(D) determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
9 <sup>th</sup> : Feb 27 – Mar3 (5 days)	Unit - 9 Representing Geometry with Algebra	TSWL: Angle and Side Relationships, Properties of a Triangles Area of a Parallelogram, Triangle, and Trapezoid Volume of Rectangular Prism	6.8(B) model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes 6.8(C) write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers 6.8(D) determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers
10 <sup>th</sup> : 1 <sup>st</sup> : Mar 6- 10 (5 days)	Unit - 10 Statistical Measure and Displays	TSWL: Mean, Median, and Mode Dot Plots, Stem-and-Leaf Plots, Histograms, and Box Plots Data Distributions To Summarize Categorical Data To Select Appropriate Representation	6.12(A) represent numeric data graphically, including dot plots, Stem-and-Leaf plots, histograms, and box plots 6.12(B) use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution 6.12(C) 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

3rd Quarter (42 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
			6.13(B) distinguish between situations that yield data with and without variability

4th Quarter (49 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
	<b>Spring Break</b>		
	<b>Unit - 10 Statistical Measure and Displays</b>	TSWL: Mean, Median, and Mode Dot Plots, Stem-and-Leaf Plots, Histograms, and Box Plots Data Distributions To Summarize Categorical Data To Select Appropriate Representation	6.12(A) represent numeric data graphically, including dot plots, Stem-and-Leaf plots, histograms, and box plots 6.12(B) use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution 6.12(C) 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 6.13(B) distinguish between situations that yield data with and without variability
<b>1st: Mar 20- 24 3/23 Ramadan Begins (5 days)</b>			
<b>2nd: Mar 27 - 31 (5 days)</b>	<b>Unit - 10 Statistical Measure and Displays</b>	TSWL: Mean, Median, and Mode Dot Plots, Stem-and-Leaf Plots, Histograms, and Box Plots Data Distributions To Summarize Categorical Data To Select Appropriate Representation	6.12(A) represent numeric data graphically, including dot plots, Stem-and-Leaf plots, histograms, and box plots 6.12(B) use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution 6.12(C) 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 6.13(B) distinguish between situations that yield data with and without variability
<b>3rd: Apr 3- 7 (5 days)</b>	<b>Unit - 11 Personal and Financial Literacy</b>	TSWL: Checking Accounts, Debit and Credit Cards, Credit Reports,	6.14(A) compare the features and costs of a checking account and a debit card offered by different local financial institutions 6.14(B) distinguish between debit cards and credit cards



4th Quarter (49 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		Paying for College, Comparing Annual Salaries	6.14(C) balance a check register that includes deposits, withdrawals, and transfers 6.14(D) explain why it is important to establish a positive credit history 6.14(G) explain various methods to pay for college, including through savings, grants, scholarships, student loans, and work-study 6.14(H) compare the annual salary of several occupations requiring various levels of postsecondary education or vocational training and calculate the effects of the different annual salaries on lifetime income
<b>4th: Apr 10- 14</b> <b>Fri 4/14 Ramadan break starts</b> <i>(4 days)</i>	<b>Unit - 11 Personal and Financial Literacy</b>	TSWL: Checking Accounts, Debit and Credit Cards, Credit Reports, Paying for College, Comparing Annual Salaries	6.14(A) compare the features and costs of a checking account and a debit card offered by different local financial institutions 6.14(B) distinguish between debit cards and credit cards 6.14(C) balance a check register that includes deposits, withdrawals, and transfers 6.14(D) explain why it is important to establish a positive credit history 6.14(G) explain various methods to pay for college, including through savings, grants, scholarships, student loans, and work-study 6.14(H) compare the annual salary of several occupations requiring various levels of postsecondary education or vocational training and calculate the effects of the different annual salaries on lifetime income
<b>5th: April 17- 21</b> <b>Ramadan / Eid Break</b> <i>(0 days)</i>	<b>EID</b>		
<b>6th: Apr 24- 28</b> <i>(5 days)</i>	<b>Review</b>		
<b>7th: May 1- 5</b> <i>(5 days)</i>	<b>STAAR</b>		
<b>8th: May 8- 12</b> <i>(5 days)</i>	<b>STAAR</b>		
<b>9th: May 15- 19</b> <i>(5 days)</i>	<b>Final Benchmark</b>		
<b>10th: May 22- 26</b>	<b>Graduation Preparation</b>		

4th Quarter (49 Days)			
Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
5/26 Last Day of School <i>(5 days)</i>			