



1 <sup>st</sup> Quarter (44 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Aug 8-9 (2 days)	Introduction/ Assessment	Assessment Policies & Procedures Behavior expectations: CHAMPS	Introduction and diagnostic assessment
2 <sup>nd</sup> : Aug 12-16 (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 19-23 (5 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 26-30 (5 days)	Unit - 1 Rational Numbers and the Coordinate Plane	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 3-6 (4 days)	<b>Monday: Labor Day Holiday</b> 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) determines, 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.



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6 <sup>th</sup> : Sept 9-13 (5 days)	<b>Unit - 2 Multiply and Divide Rational Numbers</b>	TSW: 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) determines, 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 16-20 (5 days)	<b>Friday: Professional Development</b> <b>Unit - 3 Operations with Integers</b>	TSW: 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 22-26 (4 days)	<b>Unit - 3 Operations with Integers</b>	TSW: 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> : Sep 30th -Oct 4th (5 days)	<b>Unit - 3 Operations with Integers</b>	TSW: 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 7-11 (5 days)	<b>Unit - 4 Understanding Proportions</b>	TSW: 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,



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			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> Quarter (45 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Oct 14-18 (5 days)	Unit - 4 Understanding Proportions	TSW: 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 21-25 (5 days)	Unit - 4 Understanding Proportions	TSW: 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> : Oct 28- Nov 1st (4 days)	Unit - 5 Applying	TSW: 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



2nd Quarter (45 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
	<b>Proportions to Percent</b>	Conversion between Percents, Fractions, and Decimals Percents less than 1% and greater than 100% Estimations Using Benchmark Percent	equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money.
<b>4<sup>th</sup>: Nov 4-8</b> (5 days)	<b>Unit - 5 Applying Proportions to Percent</b>	TSW: 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
<b>5<sup>th</sup>: Nov 11-15</b> (5 days)	<b>Unit - 6 Multiple Representation</b>	TSW: 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 $y = x + b$
<b>7<sup>th</sup>: Nov 18-22</b> (5 days)	<b>Unit - 6 Multiple Representation</b>	TSW: 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 $y = x + b$
<b>Thanksgiving Holiday</b>			
<b>9<sup>th</sup>: Nov 30-Dec 6</b> (5 days)	<b>Unit - 6 Multiple Representation</b>	TSW: Algebraic Relationships Tables, Rules, and Equations Graphing Multiple Representations	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 $y = x + b$



2nd Quarter (45 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		Additive Relationships and Multiplicative Relationships	
9 <sup>th</sup> : Dec 9-13 (5 days)	Assessment	Review and Assessment	Review
10 <sup>th</sup> : Dec16-20 (5 days)	Assessment	Review and Assessment	Review
Winter Break Dec 18-29			

3rd Quarter (42 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Jan 7-10 (4 days)	<b>Monday: Holiday</b> <b>Tuesday: Professional Development</b> <b>Unit - 7 Algebraic Expressions</b>	TSW: Distributive Property, Powers and Exponents, Prime Factorization, Order of Operations, and	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 13-17 (5 days)	<b>Unit - 7 Algebraic Expressions</b>	TSW: 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 21-24 (5 days)	<b>Monday: MLK Holiday</b> <b>Unit - 7 Algebraic Expressions</b>	TSW: Distributive Property, Powers and Exponents, Prime Factorization,	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



3rd Quarter (42 Days)			
Resources: Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		Order of Operations, and Algebraic Expressions	6.7(C) determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations
4 <sup>th</sup> : Jan 27-31 (5 days)	<b>1/24: 100 Days of School</b>  <b>Unit - 8 Equations and Inequalities</b>	TSW: 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
5 <sup>th</sup> : Feb 3-7 (5 days)	<b>Unit - 8 Equations and Inequalities</b>	TSW: 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 10-13 (4 days)	<b>Unit - 8 Equations and Inequalities</b>	TSW: 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 17-21	<b>Unit - 9 Representing Geometry with Algebra</b>	TSW: Angle and Side Relationships,	6.8(B) model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes



3rd Quarter (42 Days)			
<b>Resources:</b> Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
(5 days)		Properties of a Triangles Area of a Parallelogram, Triangle, and Trapezoid Volume of Rectangular Prism	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
8 <sup>th</sup> : Feb 24-28 (5 days)	<b>Monday: District Professional Development</b> <b>Unit - 9 Representing Geometry with Algebra</b>	TSW: 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> : Mar 3-7 (5 days)	<b>Unit - 9 Representing Geometry with Algebra</b>	TSW: 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
<b>Spring Break March 11-15</b>			

4th Quarter (49 Days)			
<b>Resources:</b> Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Mar 17-21 (5 days)	<b>Unit - 10 Statistical Measure and Displays</b>	TSW: Mean, Median, and Mode Dot Plots, Stem-and-Leaf Plots, Histograms, and Box Plots Data Distributions To Summarize Categorical Data	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



4th Quarter (49 Days)			
<b>Resources:</b> Math (McGraw Hill, 2023), IXL Math			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		To Select Appropriate Representation	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>2<sup>nd</sup>:Mar24-31</b>	<b>Ramadan &amp; Eid Break</b>		
<b>3<sup>rd</sup>: April 1-4</b> (4 days)	<b>Unit - 11 Personal and Financial Literacy</b>	TSW: 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>4<sup>th</sup>: April 7-11</b> (5 Days)	<b>Review and Assessment</b>	Project based learning Review and Assessment	Project based learning Review and Assessment
<b>5<sup>th</sup>: April 14-18</b> (4 Days)	<b>STAAR</b>	<b>STAAR</b>	<b>STAAR</b>
<b>6<sup>th</sup>: Apr 21-25</b> (5 days)	<b>STAAR</b>	<b>STAAR</b>	<b>STAAR</b>
<b>7<sup>th</sup>: Apr 28 -May 2</b> (5 days)	<b>STAAR</b>	<b>STAAR</b>	<b>STAAR</b>
<b>8<sup>th</sup>: May 5-9</b> (5 days)	<b>STAAR</b>	<b>STAAR</b>	<b>STAAR</b>





4th Quarter (49 Days)

Resources:

Math (McGraw Hill, 2023), IXL Math

Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
9 <sup>th</sup> : May 12-16 (5 days)	Review <b>4th Benchmark</b>	Review	Review
10 <sup>th</sup> : May 19-23 (5 days)	Award Ceremonies	Award Ceremonies	Project based learning