



1st Quarter (44 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Ch 1 – Intro to Math Lesson 1-5	First Week of School Activities TSWL to solve problems with: Expressions and Variables Powers and Exponents Order of Operations Comparing and ordering Integers Adding Integers on a Number Line	6.EE.1 -3 6.NS.7 7.NS.1 a and b
Week 2	Ch 1 – Variables and expressions and Integers Lesson 5-8	TSWL to solve problems with: Adding Integers Subtracting Integers Mean, Median, Mode and Range Multiplying Integers Multiplying and Dividing Integers The Coordinate Plane Mid Chapter Quiz	7.NS.1,2,3 6.SP.5 8.SP.1
Week 3	Ch 2- Variables, Expressions and Integers Lesson 1-4	TSWL to solve problems with: Properties and Operations Converting between Systems of Measurement The Distributive Property Simplifying Variable Expressions Variables and expressions Chapter 1 Test	7.NS.2 7.EE.1,4 6.NS.4 5.NBT.7
Week 4	Ch 2 Continued Lessons 5-7	TSWL to solve problems with: Solving equations using addition and subtraction Solving Equations using multiplication or division Decimal operation and equations with decimals Mid Chapter Quiz	6.EE.7 7.EE.4 8.EE.4 6.EE.7 8.SP.1
Week 5	Ch 3 – Multi Step equations and inequalities Lessons 1-3	TSWL to solve problems with: Solving two step equations Solving equations having like terms Solve equations with variables on both sides	7.EE.3,4 8.EE.7
Week 6	Ch 3 Continued Lessons 4-6	TSWL to solve problems with: Solving Inequalities using addition or subtraction	7.EE.4 8.SP.1



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		Solving Inequalities using multiplication or division Solving Multi step equations	
Week 7	Ch 4 – Factors, Fractions and Exponents Lessons 1-7	<u>TSWL to solve problems with:</u> Factors and Prime Factorization Greatest Common Factor Equivalent Fractions Least Common Multiple Rules of exponents Negative and zero exponents Writing numbers using powers of ten Scientific Notation Chapter 2 & 3 Test	7.EE.1 8.EE.1,3,4
Week 8	Ch 5- Rational Numbers and Equations Lessons 1-7	<u>TSWL to solve problems with:</u> Rational Numbers Adding and Subtracting Like Fractions Adding Subtracting Unlike fractions Multiplying Fractions Dividing Fractions Using Multiplicative inverses to solve equations Equations and inequalities with rational numbers	7.NS.1,2,3,4 8.NS.1
Week 9	Review and Assessment	1st Benchmark	Review
Week 10	Review	Review	Review

2nd Quarter (43 Days)

Resources: Pre-Algebra (Holt McDougal Larson)			
Week 1	Continue Ch 6 *Omit Lesson/s on Probability	<u>TSWL to solve problems with:</u> Similarity and Measurement Scale Drawings The multiplication Principle The Addition Principle	7.RP.2 8.G.4 7.G.1,6 7.SP.5,7,8



2nd Quarter (43 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week 2	Ch 6 – Ratio, Proportion and Probability Lessons 1-4 *Omit Lesson on Probability	TSWL to solve problems with: Ratios and rates Writing and solving proportions Solving Proportions using cross products Similar and Congruent Figures	7.RP.1,2,3 8.G.2,4
Week 3	Ch 7 – Percents Lessons 1-4	TSWL to solve problems with: Percents and Fractions Percents and Proportions Percents and Decimals The Percent equation	7.RP.3 7.EE.2
Week 4	Review and Assessment	IOWA/ITBS Complete Battery Gr 3-8	Review
Week 5	Continue Ch 7 Lessons 5-7	TSWL to solve problems with: Percent of Change Percent Applications Simple and Compound Interest	7.RP.3 7.EE.3 8.SP.1
Week 6	Ch 8 – Linear Functions Lessons 1-5	TSWL to solve problems with: Relations and Functions Linear Equations in two variables Using Intercepts The slope of a line Slope intercept Form Chapter 7 Test	7.RP.38.F.1,2,3,4,5 8.EE.5,6 8.F.2,4 8.SP.3
Week 7	Ch 8 – Linear Functions Lessons 6-9	TSWL to solve problems with: Domain and range of function Function Notation Writing Linear equations Properties of functions Modeling a linear system Systems of linear functions Graphs of linear inequalities	8.EE.5,8 7.EE.4 7.RP.2 8.F.4,5 8.SP.1,2,3
Week 8	Review and Assessment	2nd Benchmark	Review
Week 9	Ch 9 – Real numbers and right triangles	TSWL to solve problems with: Square roots	8.EE.2 8.G.6,7,5,8



2nd Quarter (43 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
	Lessons 1-4	Simplifying square roots The Pythagorean theorem Real numbers	8.NS.1,2

3rd Quarter (43 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Ch 9 Continued Lessons 5	TSWL to solve problems with: The distance and the midpoint formulas	8.NS.2,8.G.7,8 F.TF.3,6
Week 2	Ch 10 Lessons 6-8	TSWL to solve problems with: Surface area of pyramids and cones Volumes of prisms and cylinders Volumes of pyramids and cones	7.G.6,9 8.G.7,9 7.RP.1
Week 3	Review	1st Mock STAAR	Review
Week 4	Ch 11- Data Analysis Lessons 1-5	TSWL to solve problems with: Stem and leaf plots and histograms Box and whisker plots Using data displays Collecting data Interpreting data	8.SP.1 7.SP.1,3
Week 5	Ch 12- Angle relationships and transformations Lessons 1-4	TSWL to solve problems with: Angle relationships Angles and parallel lines Angles and polygons Translations Reflections and symmetry, rotations and dilations Chapter 10 & 11 Test	8.G.1,2,3,4,5
Week 6	Ch 12 Continued- Angle relationships and transformations Lessons 5-7	TSWL to solve problems with: Angle relationships Angles and parallel lines Angles and polygons Translations	8.G.1,2,3,4,5



3rd Quarter (43 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
		Reflections and symmetry, rotations and dilations	
Week 7	Review	2nd Mock STAAR	Review
Week 8	Math Labs and Projects	Review	Review
Week 9	Review and assessment	3rd Benchmark	Review and assessment

4th Quarter (46 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Review and assessment	3rd Mock STAAR	Review
Week 2	Review and assessment	Review and assessment	Review
Week 3	Review and assessment	April 9: STAAR Math April 10: STAAR Reading	Review
Week 4	Math Labs and Projects	Review	Review
Week 5	Review and assessment	Review and assessment	Review
Week 6	Math Labs and Projects	Review	Review
Week 7	Math Labs and Projects	Review	Review
Week 8	Review and assessment	May 15: STAAR- Science May 16: STAAR- Social Studies	Review
Week 9	Review and assessment	Final Benchmark	Review
Week 10	Graduation Preparation	Review	Review