



1 st Quarter (45 Days)			
Resources: Pre-Algebra (Holt McDougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Aug 8-12 (5 days)	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
2 nd : Aug 15-19 (5 days)	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	7.NS.1,2,3 6.SP.5 8.SP.1
3 rd : Aug 22-26 (5 days)	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	7.NS.2 7.EE.1,4 6.NS.4 5.NBT.7
4 th : Aug 29-Sept 2 (5 days)	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	6.EE.7 7.EE.4 8.EE.4 6.EE.7 8.SP.1
5 th : Sept 6-9 (4 days)	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
6 th : Sept 15-16 (2 days)	Ch 3 Continued Lessons 4-6	TSWL to solve problems with: Solving Inequalities using addition or subtraction Solving Inequalities using multiplication or division Solving Multi step equations	7.EE.4 8.SP.1



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Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
7 th : Sept 19-23 (5 days)	Ch 4 – Factors, Fractions and Exponents Lessons 1-7	TSWL to solve problems with: 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	7.EE.1 8.EE.1,3,4
8 th : Sept 26-30 (5 days)	Ch 5- Rational Numbers and Equations Lessons 1-7	TSWL to solve problems with: 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
9 th : Oct 3-7 (5 days)	Review and Assessment	1st Benchmark	Review
10 th : Oct 10-14 (5 days)	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

2nd Quarter (39 Days)

Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Oct 17-21 (5 days)	Continue Ch 6 *Omit Lesson/s on Probability	TSWL to solve problems with: Similarity and Measurement Scale Drawings	7.RP.2 8.G.4 7.G.1,6



2nd Quarter (39 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
		The multiplication Principle The Addition Principle	7.SP.5,7,8
2 nd : Oct 24-28 (5 days)	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
3 rd : Oct 31- Nov 4 (5 days)	Review and Assessment	IOWA/ITBS Complete Battery Gr 3-8	Review
4 th : Nov 7-11 (5 days)	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
5 th : Nov 14-18 (5 days)	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	7.RP.38.F.1,2,3,4,5 8.EE.5,6 8.F.2,4 8.SP.3
6 th : Nov 28- Dec 2 (5 days)	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
7 th : Dec 5-9 (5 days)	Review and Assessment	2nd Benchmark	Review
8 th : Dec 12-16 (5 days)	Ch 9 – Real numbers and right triangles Lessons 1-4	TSWL to solve problems with: Square roots Simplifying square roots The Pythagorean theorem Real numbers	8.EE.2 8.G.6,7,5,8 8.NS.1,2



3rd Quarter (46 Days)			
Resources: Pre-Algebra (Holt McDougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Jan 3-6 (4 days)	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
2 nd : Jan 9-13 (5 days)	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
3 rd : Jan 17-19 (3 days)	Review	1st Mock STAAR	Review
4 th : Jan 23-27 (5 days)	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
5 th : Jan 30-Feb 3 (5 days)	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	8.G.1,2,3,4,5
6 th : Feb 6-10 (5 days)	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 Reflections and symmetry, rotations and dilations	8.G.1,2,3,4,5
7 th : Feb 13-17 (5 days)	Review	2nd Mock STAAR	Review
8 th : Feb 21-24 (4 days)	Math Labs and Projects	Review	Review
9 th : Feb 27- Mar 3 (5 days)	Review and assessment	3rd Benchmark	Review and assessment
10 th : Mar 6-10 (5 days)	Math Labs and Projects	Review	Review



4th Quarter (48 Days)

Resources: Pre-Algebra (Holt McDougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Mar 20-24 (5 days)	Review and assessment	3 rd Mock STAAR	Review
2 nd : Mar 27-31 (5 days)	Review and assessment	March 28: STAAR Math March 29: STAAR Reading	Review
3 rd : Apr 3-7 (5 days)	Math Labs and Projects	Review	Review
4 th : Apr 10-14 (5 days)	Math Labs and Projects	Review	Review
5 th : April 18-22 (5 days)	Review and assessment	IOWA/ ITBS Complete Battery KG-2	Review
6 th : Apr 24- 28 (5 days)	Math Labs and Projects	Review	Review
7 th : May 1-5 (5 days)	Math Labs and Projects	Review	Review
8 th : May 8-12 (5 days)	Review and assessment	May 10: STAAR- Science May 11: STAAR- Social Studies	Review
9 th : May 15-19 (5 days)	Review and assessment	Final Benchmark	Review
10 th : May 22-24 (3 days)	Graduation Preparation	Review	Review