



1 <sup>st</sup> Quarter (45 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Aug 14-18 (5 days)	Ch 1 – Intro to Math Lesson 1-5	First Week of School Activities <b>TSWL to solve problems with:</b> 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 <sup>nd</sup> : Aug 21-25 (5 days)	Ch 1 – Variables and expressions and Integers Lesson 5-8	<b>TSWL to solve problems with:</b> 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
3 <sup>rd</sup> : Aug 28-31 (4 days)	Ch 2- Variables, Expressions and Integers Lesson 1-4	<b>TSWL to solve problems with:</b> 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
4 <sup>th</sup> : Sept 5-8 (4 days)	Ch 2 Continued Lessons 5-7	<b>TSWL to solve problems with:</b> 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
5 <sup>th</sup> : Sept 11-15 (5 days)	Ch 3 – Multi Step equations and inequalities Lessons 1-3	<b>TSWL to solve problems with:</b> Solving two step equations Solving equations having like terms Solve equations with variables on both sides	7.EE.3,4 8.EE.7
6 <sup>th</sup> : Sept 18-22 (5 days)	Ch 3 Continued Lessons 4-6	<b>TSWL to solve problems with:</b> 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	
7 <sup>th</sup> : Sept 25-29 (5 days)	Ch 4 – Factors, Fractions and Exponents Lessons 1-7	<b>TSWL to solve problems with:</b> 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
8 <sup>th</sup> : Oct 2-6 (5 days)	Ch 5- Rational Numbers and Equations Lessons 1-7	<b>TSWL to solve problems with:</b> 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 <sup>th</sup> : Oct 9-13 (5 days)	Review and Assessment	<b>1<sup>st</sup> Benchmark</b>	Review

2nd Quarter (39 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
1 <sup>st</sup> : Oct 16-19 (4 days)	Continue Ch 6 *Omit Lesson/s on Probability	<b>TSWL to solve problems with:</b> 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 (39 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
2 <sup>nd</sup> : Oct 23-27 (5 days)	Ch 6 – Ratio, Proportion and Probability Lessons 1-4 *Omit Lesson on Probability	<b>TSWL to solve problems with:</b> 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
3 <sup>rd</sup> : Oct 31- Nov 3 (4 days)	Ch 7 – Percents Lessons 1-4	<b>TSWL to solve problems with:</b> Percents and Fractions Percents and Proportions Percents and Decimals The Percent equation	7.RP.3 7.EE.2
4 <sup>th</sup> : Nov 6-10 (5 days)	Review and Assessment	<b>IOWA/ITBS Complete Battery Gr 3-8</b>	Review
5 <sup>th</sup> : Nov 13-17 (5 days)	Continue Ch 7 Lessons 5-7	<b>TSWL to solve problems with:</b> Percent of Change Percent Applications Simple and Compound Interest	7.RP.3 7.EE.3 8.SP.1
6 <sup>th</sup> : Nov 27- Dec 1 (5 days)	Ch 8 – Linear Functions Lessons 1-5	<b>TSWL to solve problems with:</b> 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
7 <sup>th</sup> : Dec 4-8 (5 days)	Ch 8 – Linear Functions Lessons 6-9	<b>TSWL to solve problems with:</b> 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
8 <sup>th</sup> : Dec 11-15 (5 days)	Review and Assessment	<b>2<sup>nd</sup> Benchmark</b>	Review



**2nd Quarter (39 Days)**

<b>Resources:</b> Pre-Algebra (Holt Mcdougal Larson)			
9 <sup>th</sup> : Dec 18-22 (5 days)	Ch 9 – Real numbers and right triangles Lessons 1-4	<b>TSWL to solve problems with:</b> 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)**

<b>Resources:</b> Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Jan 8-12 (5 days)	Ch 9 Continued Lessons 5	<b>TSWL to solve problems with:</b> The distance and the midpoint formulas	8.NS.2,8.G.7,8 F.TF.3,6
2 <sup>nd</sup> : Jan 16-18 (3 days)	Ch 10 Lessons 6-8	<b>TSWL to solve problems with:</b> 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 <sup>rd</sup> : Jan 22-26 (5 days)	Review	<b>1<sup>st</sup> Mock STAAR</b>	Review
4 <sup>th</sup> : Jan 29-Feb 2 (5 days)	Ch 11- Data Analysis Lessons 1-5	<b>TSWL to solve problems with:</b> 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 <sup>th</sup> : Feb 5-9 (5 days)	Ch 12- Angle relationships and transformations Lessons 1-4	<b>TSWL to solve problems with:</b> 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
6 <sup>th</sup> : Feb 12-16 (5 days)	Ch 12 Continued- Angle relationships and transformations Lessons 5-7	<b>TSWL to solve problems with:</b> Angle relationships Angles and parallel lines	8.G.1,2,3,4,5



3rd Quarter (46 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		Angles and polygons Translations Reflections and symmetry, rotations and dilations	
7 <sup>th</sup> : Feb 20-23 (4 days)	Review	2 <sup>nd</sup> Mock STAAR	Review
8 <sup>th</sup> : Feb 26- Mar 2 (5 days)	Math Labs and Projects	Review	Review
9 <sup>th</sup> : Mar 5-9 (5 days)	Review and assessment	3 <sup>rd</sup> Benchmark	Review and assessment

4th Quarter (48 Days)			
Resources: Pre-Algebra (Holt Mcdougal Larson)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Mar 19-23 (5 days)	Review and assessment	3 <sup>rd</sup> Mock STAAR	Review
2 <sup>nd</sup> : Mar 26-30 (5 days)	Review and assessment	Review and assessment	Review
3 <sup>rd</sup> : Apr 2-6 (5 days)	Review and assessment	April 3: STAAR Math April 4: STAAR Reading	Review
4 <sup>th</sup> : Apr 9-13 (5 days)	Math Labs and Projects	Review	Review
5 <sup>th</sup> : April 16-19 (4 days)	Review and assessment	Review and assessment	Review
6 <sup>th</sup> : Apr 23- 27 (5 days)	Math Labs and Projects	Review	Review
7 <sup>th</sup> : Apr 30- May 4 (5 days)	Math Labs and Projects	Review	Review
8 <sup>th</sup> : May 7-11 (5 days)	Review and assessment	May 9: STAAR- Science May 10: STAAR- Social Studies	Review
9 <sup>th</sup> : May 14-18 (5 days)	Review and assessment	Final Benchmark	Review



4th Quarter (48 Days)

**Resources:**

Pre-Algebra (Holt McDougal Larson)

Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
10 <sup>th</sup> : May 21-24 (4 days)	Graduation Preparation	Review	Review