Everest Academy

2016-17 Scope & Sequence
Grade: 6   Subject: Pre-AP Math

Revised 3/3/2016

1st Quarter (45 Days)			
Resources: **Envision Math- Texas Version (Pearson, 2014), IXL Math**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Aug 8-12 *(5 days)*	**Ch. 1 Rational Numbers and the Coordinate Plane: Lesson 1,2, and 3**	TSWL: Integers and Graphing Modeling Absolute Value Comparing and Ordering Integers Understanding the Mathematical Process	6.2B 6.2C
2nd: Aug 15-19 *(5 days)*	**Ch. 1 Rational Numbers and the Coordinate Plane: Lesson 4, 5, 6, and 7 Test**	TSWL: Understanding Decimals and Fractions Understanding Number lines Classifying Rational Numbers Comparing and Ordering Rational Numbers	6.2 A, B, C, D, E 6.4 G 6.11
3rd: Aug 22-26 *(5 days)*	**Ch. 2 Multiply and Divide Rational Numbers: Lesson 1, 2, 3, and 4**	TSWL: Multiplying Decimals by Decimals Dividing Decimals by Decimals	6.3 B, E 6.1 A
4th: Aug 29-Sept 2 *(5 days)*	**Ch. 2 Multiply and Divide Rational Numbers: Lesson 5, 6, 7, and 8 Test**	TSWL: Multiplying Decimals by Decimals Dividing Decimals by Decimals Multiplying Fractions by Whole Numbers Multiplying Fractions Dividing Whole Numbers by Fractions Dividing Fractions Multiplying and Dividing Mixed Numbers Mixed Problem Solving with Rational Numbers	6.3 A, E
5th: Sept 6-9 *(4 days)*	**Ch. 3 Operations with Integers : Lesson 1, 2, and 3**	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers Mixed Problem Solving with Integers	6.3C, D
6th: Sept 15-16 *(2 days)*	**Ch. 3 Operations with Integers : Lesson 3, 4, and 5 Test**	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers Mixed Problem Solving with Integers	6.3 C, D
7th: Sept 19-23 *(5 days)*	**Ch. 3 Operations with Integers : Lesson 3, 4, and 5 Test**	TSWL: Adding and Subtracting Integers Multiplying and Dividing Integers	6.3 C, D 6.1 A

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		Mixed Problem Solving with Integers	
8th: Sept 26-30 *(5 days)*	**Ch. 4 Understanding Proportions: Lesson: Lesson 1, 2, 3,and 4**	TSWL: Modeling Ratios and Understanding Unit Rates Using and Graphing Ratio and Rate Tables Understanding Equivalent Ratios and Rates Solving Prediction and Comparison Problems Converting Measuring Units	6.4 B, C, D, E 6.5 A
9th: Oct 3-7 *(5 days)*	**Review**	**1st Benchmark**	Review
10th: Oct 10-14 *(5 days)*	**Ch. 4 Understanding Proportions: Lesson: Lesson 5, 6, and 7 Test**	TSWL: Modeling Ratios and Understanding Unit Rates Using and Graphing Ratio and Rate Tables Understanding Equivalent Ratios and Rates Solving Prediction and Comparison Problems Converting Measuring Units	6.4 B, C, D, E 6.5 A 6.1B

2nd Quarter (39 Days)			
Resources:			
Envision Math- Texas Version (Pearson, 2014), IXL Math			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Oct 17-21 *(5 days)*	**Ch. 5 Applying Proportions to Percent: Lesson 1, 2, 3**	TSWL: Understanding Percent, Fractions, and Decimals Understanding Percent less than 1% and greater than 100% Estimating Using Benchmark Percent	6.4 E, F, G 6.1 B
2nd: Oct 24-28 *(5 days)*	**Ch. 5 Applying Proportions to Percent: Lesson 4 ,5 and 6**	TSWL: Understanding Percent, Fractions, and Decimals Understanding Percent less than 1% and greater than 100% Estimating Using Benchmark Percent	6.4 F 6.5 B, C,
3rd: Oct 31- Nov 4 *(5 days)*	**Review**	**IOWA/ITBS Complete Battery Gr 3-8**	Review
4th: Nov 7-11 *(5 days)*	**Ch. 5 Applying Proportions to Percent: Lesson 1- 6** **Review and Test**	TSWL: Understanding Percents, Fractions, and Decimals Understanding Percents less than 1% and greater than 100%	6.4 F 6.5 B, C, 6.1A

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Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
		Estimating Using Benchmark Percent	
5th: Nov 14-18 *(5 days)*	**Ch. 6 Multiple Representation Lesson 1, 2, and 3**	TSWL: Understanding Algebraic Relationships-Tables, Rules, and Equations Understanding Multiple Representation Comprehending Additive Relationships and Multiplicative Relationships	6.6 A, B, C 6.1 B
6th: Nov 28- Dec 2 *(5 days)*	**Ch. 6 Multiple Representation Lesson 4, 5, and 6**	TSWL: Understanding Algebraic Relationships-Tables, Rules, and Equations Understanding Multiple Representation Comprehending Additive Relationships and Multiplicative Relationships	6.6 A, C 6.1A
7th: Dec 5-9 *(5 days)*	**Review**	**2nd Benchmark**	Assessment
8th: Dec 12-16 *(5 days)*	**Ch. 6 Multiple Representation Lesson 6 and test Ch.7 Algebraic Expressions: Lesson 1, 2, 3, and 4**	TSWL: Understanding Algebraic Relationships-Tables, Rules, and Equations Understanding Multiple Representation Comprehending Additive Relationships and Multiplicative Relationships	6.7 A, C, D 6.9 A

3rd Quarter (46 Days)			
Resources: Envision Math- Texas Version (Pearson, 2014), IXL Math			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st : Jan 3-6 *(4 days)*	**Ch.7 Algebraic Expressions: Lesson 6, 7, and 8 Test**	TSWL: Understanding Properties Using the Distributive Property Comprehending Powers and Exponents Using Prime Factorization, Order of Operations, and Algebraic Expressions	6.7 A, C, D 6.1 A
2nd: Jan 9-13 *(5 days)*	**Review**	Review	Review
3rd : Jan 17-19 *(3 days)*	**Review**	**1st Mock STAAR**	Review and Assessment
4th : Jan 23-27 *(5 days)*	**Ch. 8 Equations and Inequalities: Lesson 1, 2, 3, and 4**	TSWL: Writing Equations and Representing Solutions Modeling and Solving Addition and Subtraction Equations	6.10 A, B, 6.9 A, B 6.8 C

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Resources:			
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Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
		Modeling and Solving Multiplication and Division Equations	
5th: Jan 30-Feb 3 *(5 days)*	**Continue Ch. 8 Equations and Inequalities: Lesson 5,6, and 7**	TSWL: Writing Equations and Representing Solutions Modeling and Solving Addition and Subtraction Equations Modeling and Solving Multiplication and Division Equations	6.10 A, B 6.9 A, B 6.1A
6th: Feb 6-10 *(5 days)*	**Continue Ch. 8 Equations and Inequalities: Lesson 5,6, and 7 Test**	TSWL: Writing Equations and Representing Solutions Modeling and Solving Addition and Subtraction Equations Modeling and Solving Multiplication and Division Equations	6.10 A, B 6.9 A, B 6.1A
7th: Feb 13-17 *(5 days)*	**Review**	**2nd Mock STAAR**	Review
8th : Feb 21-24 *(4 days)*	**Review**	Review	Review
9th: Feb 27- Mar 3 *(5 days)*	**Review**	**3rd Benchmark**	Review
10th: Mar 6-10 *(5 days)*	Ch.9 Representing Geometry with Algebra: Lessons 1, 2, 3, and 4	TSWL: Understanding Angle and Side Relationships, and Properties of a Triangle	6.10 A 6.8 A, D 6.1 B

4th Quarter (48 Days)			
Resources:			
Envision Math- Texas Version (Pearson, 2014), IXL Math			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Mar 20-24 *(5 days)*	**Review**	**3rd Mock STAAR**	Review
2nd: Mar 27-31 *(5 days)*	**Ch.9 Representing Geometry with Algebra: Lessons 5, 6, 7, 8, and 9**	TSWL: Understanding Area of a Parallelogram, Triangle, and Trapezoid Finding Volume of Rectangular Prism	6.8 B, C, D 6.1 A
3rd: Apr 3-7 *(5 days)*	**Ch.10 Statistical Measure and Displays: Lesson 1, 2,3,4, and 5**	TSWL: Comprehending Mean, Median, and Mode Understanding Measures of Speed and Dot Plots	6.13 B 6.12 A, B, C 6.1 B

4th Quarter (48 Days)			
Resources: **Envision Math- Texas Version (Pearson, 2014), IXL Math**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
4th: Apr 10-14 *(5 days)*	**Continue Ch.10 Statistical Measure and Displays: Lessons 6, 7, 8, 9, and 10**	TSWL: Understanding Stem-and-Leaf Plots, Histograms, and Box Plots Using Shape of Data Distributions Summarizing Categorical Data Selecting an Appropriate Representation	6.12 A, B, C 6.1A
5th: April 18-22 *(5 days)*	**Ch.11 Personal and Financial Literacy: Lesson 1, 2, ,3, 4, and 5.**	TSWL: Understanding Checking Accounts, Debit and Credit Cards, and Credit Reports, Paying for College, Comparing Annual Salaries	6.14 A, B, C, D, G, H
6th: Apr 24- 28 *(5 days)*	**Review**	Review	Review
7th: May 1-5 *(5 days)*	**Review**	Review	Review
8th: May 8-12 *(5 days)*	**Review**	**May 8: STAAR- Math** **May 9: STAAR- Reading**	Review
9th: May 15-19 *(5 days)*	**Review**	**Final Benchmark**	Review
10th: May 22-24 *(3 days)*	**Review**	Review	Review