Everest Academy

2016-17 Scope & Sequence
Grade: 3rd Subject: Math

Revised 3/3/2016

1st Quarter (45 Days)			
Resources: Envision- Texas Version, Pearson (2014)			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Aug 8-12 *(5 days)*	**Topic 1- Numeration Lesson 1-1 to 1-4**	Read and write numbers in hundreds, thousands, ten and hundred thousand. Use ordinal numbers to show order.	3.1 B,3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.2, 3.2A, 3.2B, 3.2C, 3.2D, 3.4C
2nd: Aug 15-19 *(5 days)*	**Topic 1 Numeration Lessons 1-5 to 1-9**	Read and write numbers in hundreds, thousands, ten and hundred thousand. Use ordinal numbers to show order. Compare 3 and 4 digit whole numbers. Find the value of money. Use coins and bills to get change. Make a list.	3.1A, 3.1B, 3.1C, 3.1D3.1E, 3.1F, 3.1G, 3.4, 3.4A, 3.4B, 3.5AG
3rd: Aug 22-26 *(5 days)*	**Topic 2- Adding and Subtracting Whole Numbers (2-1 to 2-5)**	Use concrete materials to model Commutative, Associative, and Identity Properties of Addition. Use a hundreds chart to develop mental math. Round 3-digit numbers. Estimate sums.	3.1A, 3.1B, 3.1C, 3.1D3.1E, 3.1F, 3.1G, 3.4, 3.4A, 3.4B, 3.5AG
4th: Aug 29-Sept 2 *(5 days)*	**Topic 2- Adding and Subtracting Whole Numbers (2-6 to 2-10)**	Estimating Sums using rounding, using comparable numbers. Sums and differences can be estimated and calculated using a variety of procedures	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G
5th: Sept 6-9 *(4 days)*	**Topic 3- Developing Proficiency: Adding and Subtracting Whole Numbers (3-1 to 3-5)**	Use the expanded algorithm for adding numbers for adding 3-digit numbers are just an extension to the hundreds place of the models and standard. Three or more numbers can be added in any order.	3.1A, 3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.4, 3.4A, 3.5A
6th: Sept 15-16 *(2 days)*	**Topic 3- Developing Proficiency: Adding and Subtracting Whole Numbers) (3-6 to 3-9)**	Use the expanded algorithm for adding numbers for adding 3-digit numbers are just an extension to the hundreds place of the models and standard. Three or more numbers can be added in any order.	3.1A, 3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.4, 3.4A, 3.5A
7th: Sept 19-23 *(5 days)*	**Topic 4- Multiplication Meanings (4-1 to 4-6)**	Write multiplication number sentences. Use arrays to find products and use the Commutative Property of Multiplication. Use models and write multiplication sentences. Write math stories for multiplication facts. Find the multiplication pattern. Use repeated addition and real world problems.	3.1A, 3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.4, 3.4A, 3.5A
8th: Sept 26-30 *(5 days)*	**Topic 5- Multiplication Facts: Use pattern and Known Facts (5-1 to 5-3)**	Use patterns to multiply with 2, 5, 10, 9, 0, and 1 as factors. Solve problems using the solution to complete the second problem.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.4D, 3.4E, 3.4F, 3.4K, 3.5B, 3.5C
9th: Oct 3-7 *(5 days)*	**Topic 5- Multiplication Facts: Use pattern and Known Facts (5-3 to 5-7)**	**1st Benchmark** Use patterns to solve multiplication. Use Distributive Property to break large array into smaller arrays.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.4D, 3.4E, 3.4F, 3.4K, 3.5B, 3.5C
10th: Oct 10-14 *(5 days)*	**Topic 5- Multiplication Facts: Use pattern and Known Facts (5-8 to 5-12)**	Basic multiplication facts of 4, 6, 7, or 8 as a factor can be found by breaking apart the unknown fact into known facts. The answers to the known facts are added to get the final product.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.4D, 3.4E, 3.4F, 3.4K, 3.5B, 3.5C

2nd Quarter (39 Days)			
Resources: **Envision- Texas Version, Pearson (2014)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Oct 17-21 *(5 days)*	**Topic 6- Meanings of Division (6-1 to 6-5)**	Some real world problems involving joining or separating equal groups or comparison can be solved using division. Repeated subtraction involves separating equal groups and is one way to think about division.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.4D, 3.4E, 3.4F, 3.4K, 3.5B, 3.5C
2nd: Oct 24-28 *(5 days)*	**Topic 7- Division Facts (7-1 to 7-5)**	Multiplication and division have inverse relationship and can be used to find a division fact. Whole numbers can be categorized as even or odd.	3.1A, 3.1B, 3.1C, 3.1D, 3.1F, 3.1G, 3.4F, 3.4I, 3.4J, 3.4K, 3.5B, 3.5D
3rd: Oct 31- Nov 4 *(5 days)*	**Review for IOWA**	Review for IOWA	Review
4th: Nov 7-11 *(5 days)*	**Review for IOWA**	**IOWA/ITBS Complete Battery Gr 3-8**	Review
5th: Nov 14-18 *(5 days)*	**Topic 7- Division Facts (7-6 to 7-8)**	Any number except 0, divided by itself is equal to 1. Any number divided by 1 is that number. Patterns and known facts could be used to find multiplication facts. Division can be found by thinking of related multiplication fact.	3.1A, 3.1B, 3.1C, 3.1D, 3.1F, 3.1G, 3.4F, 3.4I, 3.4J, 3.4K, 3.5B, 3.5D
6th: Nov 28- Dec 2 *(5 days)*	**Topic 8- Multiplying two digit by one digit number (8-1 to 8-5)**	Basic multiplication facts and place value patterns can be used to find products when one factor is multiple of 10. Mental math can be used and rounding is a process of finding the multiple of 10, 100, and so on to a given number.	3.1A, 3.1B, 3.1C, 3.1D, 3.1F, 3.1G
7th: Dec 5-9 *(5 days)*	**Review**	**2nd Benchmark**	Review
8th: Dec 12-16 *(5 days)*	**Topic 9- Developing Proficiency- Multiplying 2 digit by 1 digit (9-1 to 9-4**	Multiplication of 2 digit and 1 digit whole numbers can be represented using an array. The standard multiplication algorithm is a shortcut for the expanded algorithm. Regrouping is used. The properties of multiplication can be used to simplify computation, multiply mentally, and apply paper and pencil algorithm.	3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.4G, 3.5C

3rd Quarter (46 Days)			
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Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st : Jan 3-6 *(4 days)*	**Topic 10-Patterns and Equations (10-1 to 10-5)**	In an equation the value on one side of the sign must be equal to the value on the other side of the sign. Use basic facts and number sense to find the unknown value in an equation. The value of one quantity can be found if know the value of the other quantity. Use patterns.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.5, 3.5A, 3.5B, 3.5D, 3.5E
2nd: Jan 9-13 *(5 days)*	**Topic 11- Understanding Fractions (11-1 to 11-6)**	Identify regions that have been divided into equal sized parts. Associate model, symbol, and words used to describe a fractional part of a whole region. Use benchmark fractions to estimate fractional parts. Use models to find equivalent fractions.	3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.3, 3.3A, 3.3B, 3.3C, 3.3D, 3.3E, 3.3F, 3.3G, 3.3H, 3.4A, 3.4K, 3.7A
3rd : Jan 17-19 *(3 days)*	**Review**	**1st Mock STAAR**	Review
4th : Jan 23-27 *(5 days)*	**Topic 11- Understanding Fractions (11-7 to 11-12)**	Use models to compare fractions. Find and write fractions and mixed numbers in a number line. Add and subtract fractions with like denominators. Make a table and look for a pattern to solve the problem. If two fractions have the same denominator, the fraction with greater numerator is larger.	3.1B, 3.1C, 3.1D,3.1E, 3.1F, 3.1G, 3.3, 3.3A, 3.3B, 3.3C, 3.3D, 3.3E, 3.3F, 3.3G, 3.3H, 3.4A, 3.4K, 3.7A
5th: Jan 30-Feb 3 *(5 days)*	**Topic 12- Shapes and Solids (12-1 to 12-5)**	Identify solid figures by name and describe attributes. Identify shapes related to given solids. Identify lines and line segments. Identify and classify angles. Identify and classify polygons.	3.1, 3.1A, 3.1B, 3.1C, 3.1 D, 3.1E, 3.1F, 3.1G, 3.6, 3.6A, 3.6B
6th: Feb 6-10 *(5 days)*	**Topic 13- Measurement Perimeter and Area (13-1 to 13-4)**	Identify and classify triangles. Identify and classify quadrilaterals. Make generalizations based on commonalities.	3.1A, 3.1B, 3.1C, 3.1D, 3.1F, 3.1G, 3.3C, 3.4 E, 3.4K, 3.6C, 3.6D, 3.6E, 3.7B
7th: Feb 13-17 *(5 days)*	**Review**	**2nd Mock STAAR**	Review
8th : Feb 21-24 *(4 days)*	**Topic 13- Measurement Perimeter and Area (13-5 to 13-10)**	The distance around a figure is a perimeter. To find a perimeter of a polygon, add the lengths of the sides. To find the area, estimate or find using square units.	3.1A, 3.1B, 3.1C, 3.1D, 3.1F, 3.1G, 3.3C, 3.4 E, 3.4K, 3.6C, 3.6D, 3.6E, 3.7B
9th: Feb 27- Mar 3 *(5 days)*	**Review**	**3rd Benchmark**	Review
10th: Mar 6-10 *(5 days)*	**Topic 14 – Measurement Capacity, Weight, Mass, and Time (14-1 to 14-8)**	Capacity is a measure of the amount of liquid a container can hold. The weight of an object is a measure of how heavy an object is. Mass is a measure of the quantity of matter in an object. Weight and mass are different. Elapsed time can be found by finding the total amount of time that passes between a starting time and an ending time.	3.1A,3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.7, 3.7C, 3.7D, 3.7E

4th Quarter (48 Days)			
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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)*	**Topic 14 – Measurement Capacity, Weight, Mass, and Time** **(14-1 to 14-8)**	Capacity is a measure of the amount of liquid a container can hold. The weight of an object is a measure of how heavy an object is. Mass is a measure of the quantity of matter in an object. Weight and mass are different. Elapsed time can be found by finding the total amount of time that passes between a starting time and an ending time.	3.1A,3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.7, 3.7C, 3.7D, 3.7E
3rd: Apr 3-7 *(5 days)*	**Topic 15 – Data Analysis** **(15-1 to 15-6)**	Organizing data in a frequency table. A dot plot organizes data on a number line and is useful for visually showing how data is distributed. Know pictograph, bar graph and how to read them.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.8, 3.8A, 3.8B
4th: Apr 10-14 *(5 days)*	**Topic 16- Personal Financial Literacy** **(16-1 to 16-6)**	Income is earned through labor and the amount of income depends on the amount of labor, skills, and education. Spending is paying for goods or services. Credit is used to buy things people cannot afford usually with interest. Savings helps you when you are in need. Cost is higher when resources are scarce.	3.1A, 3.1B, 3.1C, 3.1D, 3.1E, 3.1F, 3.1G, 3.9, 3.9A, 3.9B, 3.9C, 3.9D, 3.9E, 3.9F
5th: April 18-22 *(5 days)*	**Review for STAAR**	Review for STAAR	Review for STAAR
6th: Apr 24- 28 *(5 days)*	**Review for STAAR**	Review for STAAR	Review for STAAR
7th: May 1-5 *(5 days)*	**Review for STAAR**	Review for STAAR	Review for STAAR
8th: May 8-12 *(5 days)*	**Review for STAAR**	**May 8: STAAR- Math** **May 9: STAAR- Reading**	Review for STAAR
9th: May 15-19 *(5 days)*	**Review**	**Final Benchmark**	Review
10th: May 22-24 *(3 days)*	**Review**	Review	Review