Everest Academy

2016-17 Scope & Sequence
Grade: Subject:

Revised 3/3/2016

1st Quarter (45 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Aug 8-12 *(5 days)*	Topic 1: Understanding addition. 1-1 through 1-5	TSW recognize instantly the quantity of structured arrangements. TSW use objects and pictorial models to solve word problems involving joining, separating, and comparing sets within 20 and unknowns as any one of the terms. TSW recognize two numbers can be added in any order. TSW recognize some problems can be solved by writing and completing a number sentence or equation.	1.2A 1.3b 1.5g 1.1g
2nd: Aug 15-19 *(5 days)*	Topic 1: Understanding addition 1-6 through 1- 9	TSW recognize instantly the quantity of structured arrangements. TSW use objects and pictorial models to solve word problems involving joining, separating, and comparing sets within 20 and unknowns as any one of the terms. TSW recognize two numbers can be added in any order. TSW recognize some problems can be solved by writing and completing a number sentence or equation	1.2A 1.3b 1.5g 1.1g
3rd: Aug 22-26 *(5 days)*	**Topic 1 Test**	Review and assessment.	
4th: Aug 29-Sept 2 *(5 days)*	Topic 2: Understanding subtraction. 2-1 through 2-5	TSW recognize a missing part of a whole can be found when the whole and the other part are known.	1.3b
5th: Sept 6-9 *(4 days)*	Topic 2: Understanding subtraction, 2-6 through 2-9	TSW recognize addition and subtraction have an inverse relationship. The inverse relationship between addition and subtraction can be used to find subtraction facts. TSW recognize some problems can be solved by using objects to act out the actions in the problem.	1.5f 1.1c
6th: Sept 15-16 *(2 days)*	**Topic 2 Test**	Review and Assessment	
7th: Sept 19-23 *(5 days)*	Topic 3: Five and ten relationships 3-1 through 3-5	TSW recognize numbers to 10 can be represented on a ten frame using 5 and 10 as benchmarks. TSW recognize the number 10 can be broken into parts of the whole in different ways. TSW	1.2a 1.3c 1.1e

1st Quarter (45 Days)

Resources:
Envision Math (2015)

Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
		recognize some problems can be solved by recording and organizing data in a table and by finding and using numerical patterns in the table.	
8th: Sept 26-30 *(5 days)*	Topic 4: Addition and Subtraction Facts to 12	TSW apply basic fact strategies to add and subtract within 20, including making 10 and decomposing a number leading to a 10.	1.3D 1.3C
9th: Oct 3-7 *(5 days)*	Topic 4: Addition and Subtractions Facts to 12	TSW compose 10 with two or more addends with and without concrete objects. TSW Communicate mathematical ideas using multiple representations, including symbols, diagrams, graphs, and language as appropriate.	1.3E 1.1D
10th: Oct 10-14 *(5 days)*	Topic 4 Test / benchmark	**1st Benchmark**	Review and Assessment

2nd Quarter (39 Days)

Resources:
Envision Math (2015)

Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1st: Oct 17-21 *(5 days)*	Topic 5: addition and subtraction facts to 20. 5-1 through 5-5	TSW recognize basic addition facts that are near doubles can be found sing a related doubles fact. TSW recognize that sometimes the answer to one problem/question is needed to find the answer to another problem/question. TSW recognize some addition facts can be found by changing to an equivalent fact with 10, TSW recognize number relationships, doubles, near doubles, and making 10 are some strategies for finding addition facts. TSW recognize addition and subtraction have an inverse relationship.	1.3d 1.1b 1.3e 1.5f
2nd: Oct 24-28 *(5 days)*	5-6 through 5-9	TSW recognize basic addition facts that are near doubles can be found sing a related doubles fact. TSW recognize that sometimes the answer to one problem/question is needed to find the answer to another problem/question. TSW recognize some addition facts can be found by changing to an equivalent fact with 10, TSW recognize number relationships, doubles, near doubles, and	1.3d 1.5f

2nd Quarter (39 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
		making 10 are some strategies for finding addition facts. TSW recognize addition and subtraction have an inverse relationship.	
3rd: Oct 31- Nov 4 *(5 days)*	Topic 5 test, topic 6: More addition and subtraction. 6-1 through 6-5	TSW recognize three numbers can be grouped and added in any order. TSW recognize numbers can be grouped in different ways to solve word problems with 3 addends. TSW recognize addition and subtraction have an inverse relationship. TSW recognize numerical expressions with different numbers and operation signs can have the same value. TSW recognize when 2 numerical expressions have the same value. **IOWA/ITBS Complete Battery Gr 3-8**	1.5g 1.5f 1.5e 1.1d
4th: Nov 7-11 *(5 days)*	Topic 7: Counting and number patterns to 100 7-1 through 7-5	6th: Nov 24-25 (2 days) Topic 7: Counting and number patterns to 100 7-1 through 7-5 TSW recognize counting and place value patterns can be seen on a hundred chart. TSW recognize skip counting can be used to find the total number of objects in a collection of equal groups. TSW recognize some problems can be solved by identifying elements that repeat in a predictable way.	1.5a 1.5b 1.1f
5th: Nov 14-18 *(5 days)*	Topic 7 test. Topic 8: Tens and ones 8-1 through 8-5	TSW recognize sets of 10 can be perceived as sigle entities. TSW recognize concrete and pictorial models to determine the sum of a multiple of 10 and a one digit number in problems up to 99	1.2b 1.3a 1.2c
6th: Nov 28- Dec 2 *(5 days)*	Topic 8-6 through 8-7 and review	TSW recognize numbers greater than 10 can be named in more.	
7th: Dec 5-9 *(5 days)*	Topic 8 test. Topic 9: numbers to 120 9-1 through 9-5	**2nd Benchmark** TSW recognize counting forward to and backward from 120 follows the same place value counting rules as counting forward to and backwards from two digit numbers, TSW recognize the decode numbers are built on groups of ten. TSW use objects,	1.5a 1.5b 1.2c 1.1e

2nd Quarter (39 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
		pictures, and expanded and standard forms to represent numbers up to 120. TSW create and use representations to organize, record and communicate mathematical ideas.	
8th: Dec 12-16 *(5 days)*	Topic 9 test, Topic 10: comparing and ordering numbers to 120 10-1 through 10-3	TSW use relationships to determine the number is 10 more and 10 less than a given number up to 120. TSW order whole numbers up to 120 using place value and open number lines. TSW use place value to compare whole numbers up to 120 using comparative language. TSW represent the comparison of two numbers to 100 using the symbols >,< or =. TSW generate a number that is greater than or less than a given whole number up to 120. TSW use a problem solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem solving process.	1.5c 1.2f 1.2e 1.2g 1.2d 1.1b

3rd Quarter (46 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st : Jan 3-6 *(4 days)*	10-4 through 10-6	TSW recognize basic addition facts that are near doubles can be found using a related doubles fact. TSW recognize that sometimes the answer to one problem/question is needed to find the answer to another problem/question. TSW recognize some addition facts can be found by changing to an equivalent fact with 10, TSW recognize number relationships, doubles, near doubles, and making 10 are some strategies for finding addition facts. TSW recognize addition and subtraction have an inverse relationship.	1.5c 1.2f 1.2e 1.2g 1.2d 1.1b

3rd Quarter (46 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
2nd: Jan 9-13 *(5 days)*	10-7 through 10-9	TSW recognize basic addition facts that are near doubles can be found using a related doubles fact. TSW recognize that sometimes the answer to one problem/question is needed to find the answer to another problem/question. TSW recognize some addition facts can be found by changing to an equivalent fact with 10, TSW recognize number relationships, doubles, near doubles, and making 10 are some strategies for finding addition facts. TSW recognize addition and subtraction have an inverse relationship. **1st DCA/ Mock STAAR**	1.2f 1.2d 1.1b
3rd : Jan 17-20 *(4 days)*	Topic 10 test, Topic 11: Money 11-1 through 11-3	TSW specific coins each have a unique value. TSW write a number with the cent symbol to describe the value of a coin.	1.4a 1.4b 1.4c 1.1d
4th : Jan 23-27 *(5 days)*	11-4 through 11-5	TSW use relationships to count by twos, fives and tens to determine the value of a collection of pennies, nickels, dimes, TSW communicate mathematical ideas, reasoning and their implications using multiple representations including symbols, diagrams, graphs, and language as appropriate.	1.4a 1.4b 1.4c 1.1d
5th: Jan 30-Feb 3 *(5 days)*	**Topic 11 Review**	Review	
6th: Feb 6-10 *(5 days)*	Topic 11 test. Topic 12: geometry 12-1 through 12-3	TSW classify and sort regular and irregular two-dimensional shapes based on attributes using informal geometric language. TSW identify two-dimensional shapes, including circles, triangles, rectangles, and squares, as special rectangles , rhombuses, and hexagons and describe their attributes using formal geometric language. TSW create two-dimensional figues, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons.	1.6a 1.6d 1.6c 1.6f 1.6e

3rd Quarter (46 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
7th: Feb 13-17 *(5 days)*	12-4 through 12-7	TSW classify and sort regular and irregular two-dimensional shapes based on dimensional shapes based on attributes using informal geometric language. TSW identify two-dimensional shapes, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons and describe their attributes using formal geometric language. TSW identify three-dimensional solids, including spheres, cones, cylinders, rectangular prisms and triangular prisms, and describe their attributes using formal geometric language. attributes using informal geometric language. TSW identify two **2nd DCA/ Mock STAAR**	1.6e 1.1d
8th : Feb 21-24 *(4 days)*	**Topic 12 Review and test**	Review and Assessment	
9th: Feb 27- Mar 3 *(5 days)*	**Review and Assessments**	**3rd Benchmark**	
10th: Mar 6-10 *(5 days)*	**End of Quarter Projects**	**Review**	

4th Quarter (48 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
1st: Mar 20-24 *(5 days)*	Topic 13: Fractions of shapes: 13-1 through 13-3	TSW partition two-dimensional figures into two and four fair shares or equal parts and describe the parts using words. TSW identify examples and non-examples of halves and fourths. TSW communicate mathematical ideas, reasoning and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate. **3rd DCA/ Mock STAAR**	1.6h 1.1d
2nd: Mar 27-31 *(5 days)*	13-4 through 13-5	TSW partition two-dimensional figures into two and four fair	1.6h

4th Quarter (48 Days)			
Resources: **Envision Math (2015)**			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
		shares or equal parts and describe the parts using words. TSW identify examples and non-examples of halves and fourths. TSW communicate mathematical ideas, reasoning and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate. **March 29: STAAR Gr 4, 7 Writing (Day1), Gr. 5, 8 Math** **March 30: STAAR- Gr. 4, 7 Writing (Day2), Gr 5, 8 Reading**	1.1d
3ʳᵈ: Apr 3-7 *(5 days)*	Topic test, Topic 14: Measurement Topic 14-1 through 14-4	TSW tell time to the hour and half hour using analog and digital clocks. TSW illustrate when laid end-to-end with no gaps or overlaps, reach from one end of the object to the other. that the length of an object is the number of the same size units of that length.	1.7e 1.7b
4ᵗʰ: Apr 10-14 *(5 days)*	14-5 through 14-7	TSW communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate. TSW measure the same object/distance with units of two different lengths and describe how and why the measurements	1.1d 1.7c
5ᵗʰ: April 18-22 *(5 days)*	IOWA/ ITBS Complete Battery KG-2	**IOWA/ ITBS Complete Battery KG-2**	
6ᵗʰ: Apr 24- 28 *(5 days)*	Topic 15: 15-1 through 15-6	TSW draw conclusions and generate and answer questions using information from picture and bar-type graphs. TSW collect,sort, and organize data in up to three categories using models/representations such as tally marks as t-charts TSW use data to create picture and bar-type graphs. TSW communicate mathematical ideas, reasoning and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.	1.8c 1.8a 1.8c
7ᵗʰ: May 1-5 *(5 days)*	Topic 15 test, Topic 16: personal financial literacy 16-1	TSW consider charitable giving. TSW apply mathematics to problems arising in everyday life, society, and the workplace.	1.9a 1.9b

4th Quarter (48 Days)			
Resources: Envision Math (2015)			
Week	**Unit/Lesson**	**Learning Objectives**	**Reporting Categories (TEKS SEs)**
	through 16-5	TSW identify money earned as a income, identify income as a means of obtaining goods and services, oftentimes making choices between wants and needs. TSW distinguish between spending and saving. y 12: STAAR- Gr. 8 Social Studies	1.9c 1.9d 1.1a
8th: May 8-12 *(5 days)*	Step up to 2nd grade	**Step up to 2nd grade.** **May 9: STAAR Gr. 3,4, 6, 7 Math** **May 10: STAAR- Gr 3,4, 6, 7 Reading** **May 11: STAAR Gr.5, 8 Science** **May 12: STAAR- Gr. 8 Social Studies**	Step up to 2nd grade.
9th: May 15-19 *(5 days)*		**Final Benchmark**	
10th: May 22-24 *(3 days)*	**End of year projects**	End of the year projects and activities.	Step up to 2nd grade.