

	1ST SIX WEEKS			2ND SIX WEEKS			3RD SIX WEEKS			4TH SIX WEEKS			5TH SIX WEEKS				6TH SIX WEEKS		
	3 weeks	3 weeks	1	4 weeks	1	5 weeks	5 Weeks	1	2 weeks	2 weeks	2 weeks	1	7 weeks						
ESSENTIAL UNITS OF STUDY	01 Real Numbers & Applications	02 Equations and Inequalities with Variables on Both Sides		03 Geometry: Applications in Surface Area and Volume		04 Proportionality: Attributes of Linear Relationships	05 Transformational Geometry		06 Statistical Procedures to Describe Data		07 Personal Financial Literacy: Interest & Financial Decision Making	STAAR Review	After STAAR Topics						
CONTENT TOPICS	This unit is about the relationships in the real number system, including rational and irrational numbers. Students will also learn to convert between standard and scientific notations, and use the Pythagorean Theorem and its converse to solve problems.	This unit is about modeling and solving equations with variables on both sides using rational number coefficients and constants. Students will also be expected to write an equation or inequality given a real-world situation and a real-world situation when given an equation or inequality.		This unit is about understanding the relationship between the volumes of cones and cylinders. Students will also solve for the volume of cylinders, cones and spheres, and lateral and total surface area for rectangular and triangular prisms and cylinders.		This unit sets the foundations for functions, through multiple representations of proportional and nonproportional relationships. Students will make connections between unit rate, rate of change, slope, and scale factor.	This unit is about exploring the effects of transformations (reflections, rotations, translations, and dilations) on geometric figures.		This unit is about analyzing bivariate sets of data through scatterplots and trend lines. Students will also explore sampling and mean absolute deviation.		This unit is about developing an economic way of thinking and problem solving useful in one's life as a knowledgeable consumer and investor. Students will explore loans, investments, interest, and paying for college.		Recommended topics for after STAAR: *Fractions *Integers *Solving Equations *Graphing Equations *Multiple Representations/4-Corners *Properties						
READINESS TEKS	8.2D 8.7C	8.8C		8.7A 8.7B		8.4B 8.4C 8.5G 8.5I	8.3C 8.10C		8.5D		8.12D								
SUPPORTING TEKS	8.2A 8.2B 8.2C 8.6C 8.7D Process: All	8.8A 8.8B Process: All		8.6A 8.6B Process: All		8.4A 8.5A 8.5B 8.5E 8.5F 8.5H 8.9 Process: All	8.3A 8.3B 8.8D 8.10A 8.10B 8.10D Process: All		8.5C 8.11A 8.11B 8.11C Process: All		8.12A 8.12B 8.12C 8.12E 8.12F 8.12G Process: All								
CK 12 Online Text	CK-12 Real Numbers & Applications	CK-12 Equations and Inequalities with Variables on Both Sides		CK-12 Geometry: Applications in Surface Area and Volume		CK-12 Proportionality: Attributes of Linear Relationships	CK-12 Transformational Geometry		CK-12 Statistical Procedures to Describe Data		CK12 Personal Financial Literacy: Interest & Financial Decision Making								

Dec 14-19, 2018

Feb 26 - March 1, 2019

STAAR 8th Math - April 9th