

	TOPIC (UNIT)	LESSONS	STANDARDS	LENGTH OF TIME
FIRST 9 WEEKS	TOPIC 1 USE POSITIVE RATIONAL NUMBERS	1-1 Add, Subtract, & Multiply Decimals 1-2 Divide Whole Numbers & Decimals 1-3 Multiply Fractions 1-4 Understand Division with Fractions 1-5 Divide Fractions by Fractions 1-6 Divide Mixed Numbers 1-7 Solve Problems with Rational Numbers	6.NS.1.1 , 6.NS.2.2 , 6.NS.2.3	10 DAYS
	TOPIC 2 INTEGERS AND RATIONAL NUMBERS	2-1 Understand Integers 2-2 Represent Rational Numbers on the Number Line 2-3 Absolute Value s of Rational Numbers 2-4 Represent Rational Numbers on the Coordinate Plane 2-5 Find Distances on the Coordinate Plane 2-6 Represent Polygons on the Coordinate Plane	6.NS.3.5 , 6.NS.3.6a , 6.NS.3.6b , 6.NS.3.6c , 6.NS.3.7a , 6.NS.3.7b , 6.NS.3.7c , 6.NS.3.7d , 6.NS.3.8 , 6.G.1.3	12 DAYS
	TOPIC 3 NUMERIC AND ALGEBRAIC EXPRESSIONS	3-1 Understand & Represent Exponents 3-2 Find Greatest Common Factor & Least Common Multiple 3-3 Write and Evaluate Numerical Expressions 3-4 Write Algebraic Expressions 3-5 Evaluate Algebraic Expressions 3-6 Generate Equivalent Expressions 3-7 Simplify Algebraic Expressions	6.NS.2.4 , 6.EE.1.1 , 6.EE.1.2a , 6.EE.1.2b , 6.EE.1.2c , 6.EE.1.3 , 6.EE.1.4 , 6.EE.2.6	10 DAYS
	TOPIC 4 RATIONAL NUMBER OPERATIONS	4-1 Relate Integers and Their Opposites 4-2 Understand Rational Numbers 4-3 Add Integers 4-4 Subtract Integers 4-5 Add & Subtract Rational Numbers	7.NS.1.1a , 7.NS.1.1b , 7.NS.1.1c , 7.NS.1.1d , 7.NS.1.2a , 7.NS.1.2b , 7.NS.1.2c , 7.NS.1.2d , 7.NS.1.3 , 7.EE.2.3	12 DAYS
	TOPIC 4 RATIONAL NUMBER OPERATIONS	4-6 Multiply Integers 4-7 Multiply Rational Numbers 4-8 Divide Integers 4-9 Divide Rational Numbers 4-10 Solve Problems with Rational Numbers	7.NS.1.1a , 7.NS.1.1b , 7.NS.1.1c , 7.NS.1.1d , 7.NS.1.2a , 7.NS.1.2b , 7.NS.1.2c , 7.NS.1.2d , 7.NS.1.3 , 7.EE.2.3	12 DAYS
SECOND 9 WEEKS	TOPIC 5 REPRESENT AND SOLVE EQUATIONS AND INEQUALITIES	5-1 Understand Equations and Solutions 5-2 Apply Properties of Equality 5-3 Write and Solve Addition & Subtraction Equations 5-4 Write and solve Multiplication and Division Problems 5-5 Write and Solve Equations with Rational Numbers 5-6 Understand and Write Inequalities 5-7 Solve Inequalities 5-8 Understand Independent and Dependent Variables 5-9 Use Patterns to Write and Solve Equations 5-10 Relate Tables, Graphs, & Equations	6.EE.1.4 , 6.EE.2.5 , 6.EE.2.6 , 6.EE.2.7 , 6.EE.2.8	15 DAYS
	TOPIC 6 UNDERSTAND AND USE RATIO AND RATE	6-1 Understand Ratio 6-2 Generate Equivalent Ratios 6-3 Compare Ratios 6-4 Represent and Graph Ratios 6-5 Understand Rates & Unit Rates 6-6 Compare Unit Rates 6-7 Solve Unit Rate Problems 6-8 Ratio Reasoning: Convert Customary Units 6-9 Ratio Reasoning: Convert Metric Units 6-10 Relate Customary and Metric Units	6.RP.1.1 , 6.RP.1.3a , 6.RP.1.3b , 6.RP.1.3d , 6.RP.1.3e	16 DAYS

	TOPIC (UNIT)	LESSONS	STANDARDS	LENGTH OF TIME
THIRD 9 WEEKS	TOPIC 7 ANALZE AND USE PROPORTIONAL RELATIONSHIPS	7-1 Connect Ratios, Rates, and Unit Rates 7-2 Determine Unit Rates with Ratios of Fractions 7-3 Understand Proportional Relationships: Equivalent Ratios 7-4 Describe Proportional Relationships: Constant of Proportionality 7-5 Graph Proportional Relationships 7-6 Apply Proportional Reasoning to Solve Problem	7.RP.1.1  7.RP.1.2a , 7.RP.1.2b , 7.RP.1.2c , 7.RP.1.2d , 7.RP.1.3 	9 DAYS
	TOPIC 8 UNDERSTAND AND USE PERCENT	8-1 Understand Percent 8-2 Relate Fractions, Decimals, & Percents 8-3 Represent Percents Greater than 100 or Less than 1 8-4 Estimate to Find Percent 8-5 Find the Percent of a Number 8-6 Find the Whole Given a Part and the Percent	6.SP.1.1 , 6.SP.1.3c	11 DAYS
	TOPIC 9 ANALYZE AND SOLVE PERCENT PROBLEMS	9-1 Analyze Percents of Numbers 9-2 Connect Percent and Proportion 9-3 Represent & Use the Percent Equation 9-4 Solve Percent Change and Percent Error Problems 9-5 Solve Markup & Markdown Problems 9-6 Solve Simple Interest Problems	7.RP.1.2c , 7.RP.1.3	11 DAYS
	TOPIC 10 GENERATE EQUIVALENT EQUATIONS	10-1 Write and Evaluate Algebraic Expressions 10-2 Generate Equivalent Expressions 10-3 Simplify Expressions 10-4 Expand Expressions 10-5 Factor Expressions 10-6 Add Expressions 10-7 Subtract Expressions 10-8 Analyze Equivalent Expressions	7.EE.1.1 , 7.EE.1.2 7.EE.2.4a 	15 DAYS
	TOPIC 11 SOLVE AREA, SURFACE AREA, AND VOLUME PROBLEMS	11-1 Find Areas of Parallelograms & Rhombuses 11-2 Solve Triangle Area Problems 11-3 Find Areas of Trapezoids & Kites 11-4 Find Areas of Polygons 11-5 Represent Solid Figures Using Nets 11-6 Find Surface Area of Prisms 11-7 Find Surface Areas of Pyramids 11-8 Find Volume with Fractional Edge Lengths	6.EE.1.2a , 6.EE.1.2c , 6.EE.2.6 , 6.NS.3.6c , 6.NS.3.8 , 6.G.1.1 , 6.G.1.2 , 6.G.1.3 , 6.G.1.4	10 DAYS
FOURTH 9 WEEKS	TOPIC 12: DISPLAY, DESCRIBE, AND SUMMARIZE DATA	12-1 Recognize Statistical Questions 12-2 Summarize Data Using Mean, Median, & Mode 12-3 Display Data in Box Plots 12-4 Display Data in Frequency Tables & Histograms 12-5 Summarize Data Using Measures of Variability 12-6 Choose Appropriate Measures of Variability 12-7 Summarize Data Distributions	6.SP.1.1 , 6.SP.1.2 , 6.SP.1.3 , 6.SP.2.4 , 6.SP.2.5a , 6.SP.2.5b , 6.SP.2.5c , 6.SP.2.5d	9 DAYS
	Review for FSA		FSA TESTING WINDOW – BEGINS MAY 1ST	
	NEXT STEPS FOR 7 TH			



- Indicate MAFS Standards in which calculator is allowed on FSA.