


















	Topic (Unit)	LESSONS	Standards	Length of Time
FIRST 9 WEEKS	TOPIC 1 RATIONAL NUMBER OPERATIONS	1-1 Relate Integers & Their Opposites 1-2 Understand Rational Numbers 1-3 Add Integers 1-4 Subtract Integers 1-5 Add & Subtract Rational Numbers 1-6 Multiply Integers 1-7 Multiply Rational Numbers 1-8 Divide Integers 1-9 Divide Rational Numbers 1-10 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.NS.EE.2.3	24 DAYS
		2-1 Connect Ratios, Rates, and Unit Rates 2-2 Determine Unit Rates with Ratios of Fractions 2-3 Understand Proportional Relationships: Equivalent Ratios 2-4 Describe Proportional Relationships: Constant of Proportionality 2-5 Graph Proportional Relationships 2-6 Apply Proportional Reasoning to Solve Problems	7.RP.1.1  7.RP.1.2a 7.RP.1.2b 7.RP.1.2c 7.RP.1.2d , 7.RP.1.3 	20 DAYS
	TOPIC 3 ANALYZE AND SOLVE PERCENT PROBLEMS	3-1 Analyze Percents of Numbers 3-2 Connect Percent and Proportion 3-3 Represent and Use the Percent Equation 3-4 Solve Percent Change & Percent Error Problems 3-5 Solve Markup and Markdown Problems 3-6 Solve Simple Interest Problems	7.RP.1.2c , 7.RP.1.3	12 DAYS
SECOND 9 WEEKS	TOPIC 4 GENERATE EQUIVALENT EXPRESSIONS	4-1 Write and Evaluate Algebraic Expressions 4-2 Generate Equivalent Expressions 4-3 Simplify Expressions 4-4 Expand Expressions 4-5 Factor Expressions 4-6 Add Expressions 4-7 Subtract Expressions 4-8 Analyze Equivalent Expressions	7.EE.1.1 7.EE.1.2 7.EE.2.3  7.EE.2.4a  7.EE.2.4b 	20 DAYS
		5-1 Write Two-Step Equations 5-2 Solve Two-Step Equations 5-3 Solve Equations Using the Distributive Property	7.EE.2.3  7.EE.2.4a  7.EE.2.4b 	10 DAYS

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

	Topic (Unit)	LESSONS	Standards	Length of Time
	TOPIC 5 SOLVE PROBLEMS USING EQUATIONS AND INEQUALITIES	5-4 Solve Inequalities Using Addition or Subtraction 5-5 Solve Inequalities Using Multiplication or Division 5-6 Solve Two-Step Inequalities 5-7 Solve Multi-Step Inequalities	7.EE.2.4b 	10 DAYS
THIRD 9 WEEKS	TOPIC 6 USE SAMPLING TO DRAW INFERENCES ABOUT POPULATIONS	6-1 Populations and Samples 6-2 Draw Inferences from Data 6-3 Make Comparative Inferences About Populations 6-4 Make More Comparative Inferences About Populations	7.RP.1.2c , 7.RP.1.3 , 7.SP.1.1 , 7.SP.1.2 , 7.SP.2.3 , 7.SP.2.4	6 DAYS
	TOPIC 7 PROBABILITY	7-1 Understand Likelihood and Probability 7-2 Understand Theoretical Probability 7-3 Understand Experimental Probability 7-4 Use Probability Models 7-5 Determine Outcomes of Compound Events 7-6 Find Probabilities of Compound Events 7-7 Simulate Compound Events	7.SP.3.5 , 7.SP.3.6 , 7.SP.3.7a , 7.SP.3.7b , 7.SP.3.8a , 7.SP.3.8b , 7.SP.3.8c , 7.EE.2.3 , 7.RP.1.2c	14 DAYS
	TOPIC 8 SOLVE PROBLEMS INVOLVING GEOMETRY	8-1 Solve Problems Involving Scale Drawings 8-2 Draw Geometric Figures 8-3 Draw Triangles with Given Conditions 8-4 Solve Problems Using Angle Relationships 8-5 Solve Problems involving Circumference of a Circle	7.G.1.1  7.G.1.2 7.G.1.3 7.G.2.4  7.G.2.5  7.G.2.6 	16 DAYS
	TOPIC 8 SOLVE PROBLEMS INVOLVING GEOMETRY	8-6 Solve Problems Involving Area of a Circle 8-7 Describe Cross Sections 8-8 Solve Problems Involving Surface Area 8-9 Solve Problems Involving Volume	7.G.1.1  7.G.1.2 7.G.1.3 7.G.2.4  7.G.2.5  7.G.2.6 	10 DAYS
FOURTH 9 WEEKS	Review for FSA		FSA TESTING WINDOW – BEGINS MAY 1ST	
	NEXT STEPS FOR 8TH			