FMSD GT Math 7 Pacing Guide 2022-2023

Q1	Q1	Q2	Q2	Q3	Q3	Q4	Q4
Unit 1 Ratio and Rates	**Unit 2 Rational Numbers & Exponents**	**Unit 2 Expressions, Equations, and Linear Equations**	**Unit 3 Geometry**	**Unit 4 Statistics**	**Unit 5 Probability**	**Unit 6 Transformational Geometry**	**Unit 7 Systems of Equations**
7.RP.1 Ratios and unit rates	7.NS.1 - 7.NS.3 Add, subtract, multiply, & divide positive rational numbers to solve real-world problems	7.EEI.1 - 7.EEI.2 Properties and equivalent forms of algebraic expressions	7.GM.1 Translate between scale models and actual measurements	7.DSP.1 Investigate random samples of populations	7.DSP.5 Probability of simple events	8.GM.1 - 8.GM.2 Properties of transformations (rotations, reflections, translations)	8.EEI.7 Linear equations and inequalities
7.RP.2 Proportional reasoning and real-world situations	7.NS.4 Compare and order rational numbers	7.EEI.3 Solving multi-step problems using rational numbers and order of operations	7.GM.2 Construct triangles & quadrilaterals using measurements & specific parameters	7.DSP.2 Investigate variability of multiple samples & populations	7.DSP.6 - 7.DSP.7 Theoretical and experimental probability of simple events	8.GM.3- 8.GM.4 Properties of transformations (dilations)	8.EEI.8 Systems of Linear Equations
7.RP.3 Ratios, rates, percents, and proportional reasoning	7.NS.5 Multiple representations of rational numbers	7.EEI.4 Write and solve two-step and multistep linear equations and inequalities	7.GM.3 Cross sections of 3D figures	7.DSP.3 Compare and draw inferences about data using dot plots, histograms, box plots)	7.DSP.8 Probability of compound events	8.GM.5 Angles and Transversals	8.DSP.5 Matrices

	8.NS.1 Real Number System in the real world (decimal expansion)	7.EEI.5 Laws of exponents	7.GM.4 Proportional relationships between circumference and area	7.DSP.4 Mean, median, mode, range, interquartile range, mean absolute deviation		8.EEI.2 Investigate perfect squares and cube roots	
	8.NS.2 Estimate and compare irrational numbers on a number line	8.EEI.5 Slope (tables and graphs)	7.GM.5 Relationships between angles (complementary, supplementary, vertical, and adjacent)			8.EEI.3 - 8.EEI.4 Scientific Notation	
	8.NS.3 Multiple representations of rational numbers	8.EEI.6 Slope and y-intercept	7.GM.6 Volume and surface areas of 3D Figures (cubes, rectangular right prisms, and triangular prisms)				
			8.GM.9 Volume (cones, cylinders, and spheres) and surface area (cylinders)				