MATH 8
Course Sequence

Cluster	Standard
The First Five (5 days)	
Unit 1: Transformations (Quarter 1)	
8.G.A Understand congruence and similarity using physical models, transparencies, or geometry software.	8.G.5
	8.G.1
	8.G.2
	8.G.3
	8.G.4
Unit 2: Functions (Quarter 1 & 2)	
8.F.A Define, evaluate, and compare functions.	8.F.1
	8.F.2
	8.F.3
8.EE.B Understand the connections between proportional relationships, lines, and linear equations.	8.EE.5
	8.EE.6
8.F.B Use functions to model relationships between quantities.	8.F.4
	8.F.5
Unit 3: Linear Equations (Quarter 2 & 3)	
8.EE.C Analyze and solve linear equations and pairs of simultaneous linear equations.	8.EE.7
	8.EE.8
Unit 4: Exponents (Quarter 3)	
8.EE.A Work with radicals and integer exponents.	8.EE.1
	8.EE.3
	8.EE.4
8.G.C Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.	8.G.9
Unit 5: Pythagorean Theorem (Quarter 4)	
8.NS.A Know that there are numbers that are not rational, and approximate them by rational numbers.	8.NS.1
	8.NS.2
8.EE.A Work with radicals and integer exponents.	8.EE.2
8.G.B Understand and apply the Pythagorean Theorem.	8.G.6
	8.G.7
	8.G.8
Unit 6: Bivariate Data (Quarter 4)	
8.SP.A Investigate patterns of association in bivariate data.	8.SP.1
	8.SP.2
	8.SP.3
	8.SP.4
Key: Major Cluster ■ Supporting Cluster □ Additional Cluster	