

	August/Sept	Sept/Oct	Oct/Nov	Nov/Dec/Jan	Jan/Feb
	Unit 1- CC2 Ch. 6 - CC3 Ch. 1 and 2 Equations and Inequalities	Unit 2- CC3 Chapter 3 and 4 Multiple Representations	Unit 3- - CC2 Chapter 7 Portions and Percents- “Fraction Busters”	Unit 4- CC3 Chapter 5 and 7 Linear Equations in Two Variables and Systems	Unit 5- CC3 Chapter 6 Transformations and Similarities
Standards	7.EE.4a, 7.EE.4b, 8.SP.2, 8.EE.7a, 8.EE.7b	8.EE.6, 8.EE.7a, 8.EE.7b, 8.F.2, 8.F.4	7.RP.2c, 7.RP.2d, 7.RP.3, 7.EE.2,7.EE.3, 7.EE.4a, 7.NS.3	8.EE.5, 8.EE.6, 8.EE.7b, 8.EE.8a, 8.EE.8b, 8.EE.8c, 8.F.3, 8.SP.1, 8.SP.2, 8.SP.3, 8.SP.4	8.G.1a, 8.G.1b, 8.G.1c, 8.G.2, 8.G.3, 8.G.4
Topics	<ul style="list-style-type: none">Solving One Variable InequalitiesFinding/Generalizing PatternsCollecting, Organizing, and Analyzing DataProportional Relationships with Graphs and TablesVariables and ExpressionsSimplifying Expressions by Combining Like TermsWriting, Simplify and Compare Algebraic Expressions	<ul style="list-style-type: none">Solving Equations and Checking SolutionsDetermining the Number of SolutionsDistributive Property EquationsConnections Between RepresentationsSeeing Growth in Different RepresentationsConnecting Linear Rules and Graphs$y = mx + b$	<ul style="list-style-type: none">Distance, Rate, and TimeScaling QuantitiesSolving Problems Involving PercentsEquations with Fraction and Decimal CoefficientsCreating Integer CoefficientsCreating Integer Coefficients EfficientlyPercent Increase and DecreaseSimple InterestProportions	<ul style="list-style-type: none">Multi-Variable EquationsSolving Equations with FractionsSystems of EquationsSolving Systems AlgebraicallyCircle GraphsOrganizing Data in a ScatterplotIdentifying and Describing AssociationSlopeProportional EquationsAssociation Between Categorical Variables	<ul style="list-style-type: none">Rigid TransformationsRigid Transformations on a Coordinate GraphDescribing TransformationsDilations and Similar FiguresIdentifying Similar ShapesSimilar Figures and TransformationsWorking With Corresponding SidesSolving Problems Involving Similar Shapes
Assessments	Quiz (AA) Individual Test (AA)	Quiz (AA) Checkpoint Quiz(AA) Proportions Checkpoint Quiz(AA) Composite Figures Team Test (AP) Individual Test (AA)	Quiz (AA) Checkpoint Quiz(AA) Box Plots/Histograms And Combining Like Terms Team Test (AP) Individual Test (AA)	Quiz (AA) Checkpoint Quiz(AA) Multi-Step Equations Checkpoint Quiz(AA) Equations with Fractions and Decimals Team Test (AP) Individual Test (AA)	Quiz (AA) Checkpoint Quiz(AA) Multiple Representations of Linear Equations Team Test (AP) Individual Test (AA)
	Feb/Mar	Mar/April	April/May		
	Unit 6 - CC3 Ch. 8 Exponents and Functions	Unit 7- CC2 Ch. 8 and 9 - CC3 Ch. 9 Angle Relationships and Pythagorean Theorem	Unit 8- CC2 Ch. 8 - CC3 Ch.7 and 10 Statistics and Surface Area/Volume		
Standards	8.F.1, 8.F.3, 8.F.5, 8.EE.1, 8.EE.3, 8.EE.4	7.G.2,7.G.3, 7.G.5, 7.G.6, 8.G.5 , 8.G.6, 8.G.7, 8.G.8, 8.NS.1, 8.NS.2, 8.EE.2	7.SP.1, 7.SP.2, 7.SP.3, 7.SP.4, 8.EE.2, 8.G.9		
Topics	<ul style="list-style-type: none">Patterns of Growth in Tables and GraphsCompound InterestLinear and Exponential GrowthExponents and Scientific NotationExponentsOperations with Scientific NotationFunctions in Graphs and Tables	<ul style="list-style-type: none">Classifying AnglesConstructing ShapesBuilding TrianglesSurface Area and VolumeCross SectionsVolume of a Prism and Non-Rectangular PrismsParallel Line Angle Pair RelationshipsTrianglesPythagorean TheoremSquare Root	<ul style="list-style-type: none">Measurement PrecisionComparing DistributionsRepresentative SamplesInference From Random SamplesCube RootsSurface Area and Volume of a CylinderVolumes of Cones and PyramidsVolume of a SphereApplications of VolumeCircle Graphs		
Assessments	Quiz (AA) Checkpoint Quiz(AA) Transformations Team Test (AP) Individual Test (AA)	Quiz (AA) Checkpoint Quiz(AA) Scatter Plots and Associations Team Test (AP) Individual Test (AA)	Quiz (AA) Team Test (AP) Individual Test (AA)		