Geometry Big Picture 3rd 9 - Weeks

	Day 1	Day 2	Day 3	Day 4	Day 5
Week 1	Unit 8 Pt 2: Discovering Special Right Triangle Relationships	Discovering Special Right Triangle Relationships	Introducing Trigonometric Ratios	LTF-Intro to Trig Ratios with Special Right Triangles	LTF-Intro to Trig Ratios with Special Right Triangles
Week 2	LTF- Intro to Related Rates: Trig Ratios	LTF- Intro to Related Rates: Trig Ratios	LTF- Trig Applications	LTF- Trig Applications	LTF- Law of Sines & Law of Cosines
Week 3	LTF- Fishermen, Balloons, Lasers, and Bicycles …	LTF- Fishermen, Balloons, Lasers, and Bicycles …			Unit 9: Investigating Relationships of Diagonals
Week 4	Investigating Relationships of Diagonals	Investigating Relationships of Diagonals	LTF- Coordinate Geometry and Proof	LTF- Coordinate Geometry and Proof	LTF- Parallel and Perpendicular Lines
Week 5	Interior/ Exterior Angle Sums in Polygons	Interior/ Exterior Angle Sums in Polygons	LTF- Polygons I	LTF- Polygons I	
Week 6		Unit 10: LTF- Approximating Pi with Measurements	LTF- Approximating Pi with Measurements	Central Angles, Arcs, and Chords	Central Angles, Arcs, and Chords
Week 7	Central Angles, Arcs, and Chords	Inscribed Angles and Tangents	Inscribed Angles and Tangents	LTF- Limiting Cases in Geometry	LTF- Limiting Cases in Geometry
Week 8	Completing the Square & Equation of the Circle	Completing the Square & Equation of the Circle	Completing the Square & Equation of the Circle	LTF- Equations of Tangent Lines	LTF- Equations of Tangent Lines
Week 9					

Note: It is the responsibility of the teacher to develop formative and summative assessments as needed.

Geometry Big Picture 4th 9 – Weeks

	Day 1	Day 2	Day 3	Day 4	Day 5
Week 1	Unit 11 Pt 1: LTF- Accumulating Area	LTF- Using Coordinate Geometry to Determine the Area of a Triangle	LTF- Graphing and Finding Areas of Bounded Regions	LTF- Exploration of Rectangles with Set Perimeters	LTF- Investigating Area Under a Curve
Week 2	LTF- Investigating Area Under a Curve	LTF- Adaptation of AP Claculus 2003 AB3			
Week 3	Unit 11 Pt 2: Decomposing Shapes to Find Areas of Regular Polygons	Decomposing Shapes to Find Areas of ... & LTF- Infinity in Geometry (# 1-2)	Sectors of Circles	LTF- Analyzing Piecewise Functions	LTF- Area as a Function of an Angle
Week 4	LTF- Special Right Triangle Applications (# 1-8)	LTF- Carnival Probability	LTF- Carnival Probability & LTF- Geometric Probability	LTF- Geometric Probability	
Week 5			Unit 12: Deriving and Calculating Surface Area and Volume Formulas	Deriving and Calculating Surface Area and Volume Formulas	Deriving and Calculating Surface Area and Volume Formulas
Week 6	LTF- Infinity in Geometry & LTF- Working with Formulas and Function Notation	LTF- Using Linear Equations to Define Geometric Solids	LTF- Using Linear Equations to Define Geometric Solids	LTF- Special Right Triangle Applications	LTF- Volumes of Revolution
Week 7	LTF- Volumes of Revolution	LTF- Introduction to Related Rates: Areas, Volumes and Similar Figures	LTF- Introduction to Related Rates: Areas, Volumes and Similar Figures	Modeling Problems that Simulate 3-D Objects	Modeling Problems that Simulate 3-D Objects
Week 8					
Week 9					

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Geometry Big Picture 2nd 9 - Weeks

	Day 1	Day 2	Day 3	Day 4	Day 5
Week 1	Unit 5: LTF-Similar Triangles	Similar Triangles & Solving Problems using Similarity for Triangles	Solving Problems using Similarity for Triangles	Solving Problems using Similarity for Triangles	Solving Problems using Similarity for Triangles
Week 1			Unit 6: Discovering Triangle Theorems	Discovering Triangle Theorems	Discovering Triangle Theorems
Week 2	Proving Triangles Congruent	Proving Triangles Congruent	Proving Triangles Congruent	Proving Triangles Congruent	Proving Triangles Congruent
Week 3			Unit 7: LTF-Minimum Cable Length	LTF- Minimum Cable Length	Proportionality with Transversals
Week 4	Proportionality with Transversals	Points of Concurrency	Points of Concurrency	Points of Concurrency	Points of Concurrency
Week 5	Points of Concurrency				Unit 8 Pt 1: LTF-Radical Probability & Simplifying Radical Expr.
Week 6	Proving Pythagorean Theorem with Similar Triangles	LTF-Pythagorean Theorem Applications	(+) LTF-Hold That Fold to a Minimum	(+) LTF-Hold That Fold to a Minimum	LTF-Shadows and Ladders- Related Rates
Week 7	LTF-Shadows and Ladders- Related Rates	LTF- A Piece of Pythagorean Pi	LTF- A Piece of Pythagorean Pi		
Week 8					

Note: It is the responsibility of the teacher to develop formative and summative assessments as needed.

Geometry Big Picture 1st 9 - Weeks

	Day 1	Day 2	Day 3	Day 4	Day 5
Week 1	Unit 1: Introductory Definitions & Postulates	Introductory Definitions & Postulates	Introductory Definitions & Postulates	Basic Constructions	Basic Constructions
Week 2	Coordinate Geometry	Coordinate Geometry	Coordinate Geometry	Point on a Directed Line Segment	
Week 3		Unit 2: Inductive & Deductive Reasoning	Inductive & Deductive Reasoning	Inductive & Deductive Reasoning	LTF-Logical Reasoning
Week 4	Introductory Proofs	Introductory Proofs	Introductory Proofs	Introductory Proofs	Introductory Proofs
Week 5		Unit 3: LTF-Parallel & Perpendicular Lines	Proving Lines Parallel & Perpendicular	Proving Lines Parallel & Perpendicular	Parallel Lines Cut by a Transversal
Week 6	Parallel Lines Cut by a Transversal	Parallel Lines Cut by a Transversal	Constructing Parallel & Perpendicular Lines		
Week 7	Unit 4: LTF-Linear Reflections	LTF-Transformation of Piecewise Functions	LTF-Transformation of Piecewise Functions	Transformation of Shapes	Transformation of Shapes
Week 8	Transformation of Shapes				
Week 9					

Note: It is the responsibility of the teacher to develop formative and summative assessments as needed.