

8th Grade and Geometry Compacted Math – Math Nation Scope & Sequence

Course-At-A-Glance

Unit	Title	# of Days	Indicator(s)	Which Volume(s)?
1	Foundations in Geometry	9	GS.MGSR.5.1; 8.MGSR.2.4	GS – Vol. 1; 8th – Vol. 1
2	Rigid Transformations	16	GS.MGSR.2.1; GS.MGSR.2.2; GS.MGSR.3.1; GS.MGSR.5.1; 8.MGSR.3.2	GS – Vol. 1; 8th – Vol. 1
3	Triangle Congruence	12	GS.MGSR.3.2; GS.MGSR.3.3; GS.MGSR.5.1	GS – Vol. 1
4	Similarity	13	GS.MGSR.4.1; GS.MGSR.4.2; GS.MGSR.4.3; GS.MGSR.5.2	GS – Vol. 1
5	The Pythagorean Theorem	13	8.MGSR.1.2; 8.MGSR.1.3; 8.MGSR.1.4; 8.PAFR.3.1; 8.PAFR.3.2; GS.MGSR.6.1	8th – Vol. 2
6	Right Triangles and Trigonometry	16	GS.MGSR.6.1; GS.MGSR.6.2; GS.MGSR.6.3; GS.MGSR.6.4; GS.MGSR.6.5; GS.NR.1.1	GS – Vol. 1
7	Relationships in Triangles and Quadrilaterals	10	GS.MGSR.5.3; GS.MGSR.5.2; GS.MGSR.3.2	GS – Vol. 2
8	Area, Surface Area, and Volume	12	GS.MGSR.1.1; GS.MGSR.1.2; GS.MGSR.1.3; GS.PAFR.1.2; GS.PAFR.2.1	GS – Vol. 2

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Unit	Title	# of Days	Indicator(s)	Which Volume(s)?
9	Linear Relationships and Functions	10	8.PAFR.1.5; 8.PAFR.2.2; 8.PAFR.2.4; 8.PAFR.2.5	8th – Vol. 1
10	Coordinate Geometry	11	GS.PAFR.2.2; GS.PAFR.2.3; GS.PAFR.3.1; GS.PAFR.3.2; GS.MGSR.5.1; GS.MGSR.5.2; GS.MGSR.5.3	GS – Vol. 2
11	Circles	15	GS.MGSR.7.1; GS.MGSR.7.2; GS.PAFR.1.1; GS.MGSR.3.1	GS – Vol. 2
12	Statistics	17	8.DPSR.1.1; 8.DPSR.1.2; 8.DPSR.1.3; 8.DPSR.1.4; GS.DPSR.1.1; GS.DPSR.1.2; GS.DPSR.1.3; GS.DPSR.2.1	8th – Vol. 2; GS – Vol. 2
13	Probability	12	8.DPSR.2.1; 8.DPSR.2.2; GS.DPSR.2.1; GS.DPSR.3.1; GS.DPSR.3.2; GS.DPSR.3.3	8th – Vol. 2; GS – Vol. 2
Total # of Days*		166		

*Each unit includes 1 flex day and 1 assessment day in the total number of days recommended for the unit. The difference between the total number of days for the course and the school year is to account for additional review, assessment, or remediation that may be needed for particular units as well as additional days for any school, district, or state level assessments or other calendar events that can factor into planning. Districts, schools, or districts can make additional adjustments as needed. The plan outlined here accounts for teaching all indicators (1.5 years of content) of the course in one school year using the curriculum. The placement of content also considers that students will take Algebra 1 next, with content leading directly into the course falling in the second half of the course.

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Unit 1: Foundations in Geometry

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.1.1	Exploring Geometry Terms	GS.MGSR.5.1	Use the lesson as designed.	GS – Vol. 1
2	G.1.2	Defined and Undefined Terms	GS.MGSR.5.1	Use the lesson as designed.	
3	G.1.3	Line Segments, Rays, and Angles	GS.MGSR.5.1	Use the lesson as designed.	
4	G.1.4	Bisectors and Midpoints	GS.MGSR.5.1	Use the lesson as designed.	
5	G.1.5	Perpendicular Bisectors	GS.MGSR.5.1	Use the lesson as designed.	
6	G.1.6	Revisiting Angle Relationships	GS.MGSR.5.1	Use the lesson as designed.	
7	8.1.14	Exterior Angles of Triangles	8.MGSR.2.4	Use the lesson as designed.	8th – Vol. 1
8	Flex Day				
9	Assessment Day				

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Unit 2: Rigid Transformations

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.2.1	Isometry	GS.MGSR.2.1	Use the lesson as designed.	GS – Vol. 1
2	G.2.2	Rigid Transformations	GS.MGSR.2.1; GS.MGSR.2.	Use the lesson as designed.	

			2		
3	8.1.9	Congruent Figures	8.MGSR.3.2	Use the lesson as designed.	8th – Vol. 1
4	G.2.3	Transformations on the Plane - Part 1	GS.MGSR.2.1	Use the lesson as designed.	GS – Vol. 1
5	G.2.4	Transformations on the Plane - Part 2	GS.MGSR.2.1	Use the lesson as designed.	
6	G.2.5	Symmetry - Part 1	GS.MGSR.3.1	G.2.5 Warm-Up G.2.5 Exploration Activity G.2.6 Exploration Activity G.2.6 Guided Activity Combine both Lesson Summaries G.2.6 Cool Down Selected practice problems from either lesson	
	G.2.6	Symmetry - Part 2			
7	G.2.7	Working with Rigid Transformations	GS.MGSR.2.2	Use the lesson as designed.	
8	G.2.8	Rigid Transformations on the Coordinate Plane	GS.MGSR.2.1	Use the lesson as designed.	
9	G.2.9	Describing Transformations on the Coordinate Plane	GS.MGSR.2.1	Use the lesson as designed.	
10	G.2.10	Sequences of Transformations	GS.MGSR.2.2	Use the lesson as designed.	
11	G.2.11	Applying a Sequence of Transformations	GS.MGSR.2.2	Use the lesson as designed.	
12	G.2.12	Parallel Lines and Transversals	GS.MGSR.5.1	Use the lesson as designed.	

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13	G.2.13	Solving Problems Using Angle Pair Relationships	GS.MGSR.5.1	Use the lesson as designed.	
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14	G.2.14	Angle Relationship Proofs - Part 1	GS.MGSR.5.1	Use the lesson as designed.	
<p>Note: Lesson G.2.15 is omitted. The lesson includes a card sort of various proofs. These can be used as part of the review for the unit assessment or elsewhere in the course to provide additional practice with proofs.</p>					
15	Flex Day				
16	Assessment Day				

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Unit 3: Triangle Congruence

Day	Lesson(s)	Indicator(s)	Suggested Components	Which Volume?	
1	G.3.1	Congruent Parts	GS.MGSR.3.2	Use the lesson as designed.	GS – Vol. 1
2	G.3.2	Congruent Triangles - Part 1	GS.MGSR.3.2	Use the lesson as designed.	
3	G.3.3	Congruent Triangles - Part 2	GS.MGSR.3.2	Use the lesson as designed.	
4	G.3.4	Side-Angle-Side Triangle Congruence	GS.MGSR.3.3; GS.MGSR.5.1	Use the lesson as designed.	
5	G.3.5	Angle-Side-Angle Triangle Congruence	GS.MGSR.3.3	Use the lesson as designed.	
6	G.3.6	Side-Side-Side Triangle Congruence	GS.MGSR.3.3	Use the lesson as designed.	
7	G.3.7	Angle-Angle-Side and Hypotenuse-Leg Congruence	GS.MGSR.3.3	Use the lesson as designed.	

Note: Lesson G.3.8 is omitted.				
8	G.3.9	Corresponding Parts of Congruent Triangles	GS.MGSR.3.3	Use the lesson as designed.
9	G.3.10	Practicing Proofs	GS.MGSR.3.3	Use the lesson as designed.
10	G.3.11	Solving Problems Using Congruence	GS.MGSR.3.2	Use the lesson as designed.
11	Flex Day			
12	Assessment Day			

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Unit 4: Similarity					
Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.4.1	Dilations	GS.MGSR.4.1	Use the lesson as designed.	GS – Vol. 1
2	G.4.2	Dilating Lines and Angles	GS.MGSR.4.2; GS.MGSR.5.2	G.4.2 Warm-Up G.4.2 Exploration Activity G.4.3 Exploration Activity G.4.3 Collaborative Activity G.4.3 Lesson Summary G.4.3 Cool Down Selected practice problems from either lesson	
	G.4.3	Splitting Triangle Sides with Dilations – Part 1			
3	G.4.4	Connecting Similarity and Transformations	GS.MGSR.4.1	Use the lesson as designed.	
Note: Lesson G.4.5 is omitted.					

4	G.4.6	Dilations on the Coordinate Plane	GS.MGSR.4.1	Use the lesson as designed.	
5	G.4.7	Sequences that Include Dilations	GS.MGSR.4.1	Use the lesson as designed.	
6	G.4.8	Conditions for Triangle Similarity	GS.MGSR.4.3	Use the lesson as designed.	
7	G.4.9	Other Conditions for Triangle Similarity	GS.MGSR.4.3	Use the lesson as designed.	
8	G.4.10	Justifying Similarity	GS.MGSR.4.1; GS.MGSR.4.3	Use the lesson as designed.	
9	G.4.11	Splitting Triangle Sides with Dilations – Part 2	GS.MGSR.4.3; GS.MGSR.5.2	Use the lesson as designed.	
10	G.4.12	Proving Triangle Similarity – Part 1	GS.MGSR.4.3	Use the lesson as designed.	

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11	G.4.13	Proving Triangle Similarity – Part 2	GS.MGSR.4.3; GS.MGSR.4.2	G.4.14 Warm-Up G.4.13 Collaborative Activity (Use only 2-3 proofs or assign each group to only complete 2-3 proofs each.) G.4.14 Guided Activity G.4.15 Lesson Summary G.4.14 Cool Down Selected practice problems from either lesson	
	G.4.14	Solving Problems Using Similarity			
12	Flex Day (Consider using unused proofs and activities as part of review for the assessment.)				

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8th Grade and Geometry Compacted Math – Math Nation Scope & Sequence**Unit 5: The Pythagorean Theorem**

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	8.9.1	The Areas of Squares and Their Side Lengths	8.PAFR.3.1	8.9.1 Warm-Up 8.9.1 Exploration Activity 2 8.9.2 Guided Activity 8.9.2 Lesson Summary 8.9.2 Cool Down Selected practice problems from either lesson	8th – Vol. 2
	8.9.2	Side Lengths and Areas			
Note: Lesson 8.9.3 is omitted. The content is addressed in the previous course, 7/8 Compacted.					
2	8.9.4	Square Roots on the Number Line	8.PAFR.3.2	8.9.4 Warm-Up 8.9.4 Collaborative Activity 8.9.5 Exploration Activity 8.9.5 Guided Activity 8.9.5 Lesson Summary 8.9.5 Cool Down Selected practice problems from either lesson	
	8.9.5	Reasoning about Square Roots			
3	8.9.6	Finding Side Lengths of Right Triangles	8.MGSR.1.3	Use the lesson as designed.	
4	8.9.7	The Pythagorean Theorem	8.MGSR.1.3	Use the lesson as designed.	
5	8.9.8	Finding Unknown Side Lengths	8.MGSR.1.3	Use the lesson as designed.	

6	8.9.9	The Converse of the Pythagorean Theorem	8.MGSR.1.4; GS.MGSR.6.1	Use the lesson as designed.	
7	8.9.10	Applications of the Pythagorean Theorem	8.MGSR.1.3; 8.MGSR.1.4	Use the lesson as designed.	
8	8.9.11	Finding Distances in the Coordinate Plane	8.MGSR.1.2	Use the lesson as designed.	

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9	8.9.12	Edge Lengths and Volumes	8.PAFR.3.1; 8.PAFR.3.2	Use the lesson as designed.	
10	8.9.13	Cube Roots	8.PAFR.3.1; 8.PAFR.3.2	Use the lesson as designed.	
11	8.9.14	Approximating Nonperfect Square and Cube Roots	8.PAFR.3.2	Use the lesson as designed.	
Note: Lesson 8.9.15–17 are omitted. The content is addressed in the previous course, 7/8 Compacted.					
12	Flex Day				
13	Assessment Day				

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Unit 6: Right Triangles and Trigonometry

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.5.1	Equivalent Radical Expressions	GS.NR.1.1	Use the lesson as designed.	GS – Vol. 1
2	G.5.2	Adding and Subtracting Radical Expressions	GS.NR.1.1	Use the lesson as designed.	
3	G.5.3	Multiplying and Dividing Radical Expressions	GS.NR.1.1	Use the lesson as designed.	
4	G.5.4	Proving the Pythagorean Theorem	GS.MGSR.6.1	G.5.4 Warm-Up G.5.4 Exploration Activity G.5.4 Guided Activity G.5.5 Collaborative Activity G.5.4 Lesson Summary G.5.5 Cool Down Selected practice problems from either lesson	
	G.5.5	The Converse of the Pythagorean Theorem			
5	G.5.6	Finding Unknown Values in Right Triangles	GS.MGSR.6.5	Use the lesson as designed.	
6	G.5.7	Angles and Steepness	GS.MGSR.6.5	Use the lesson as designed.	
7	G.5.8	Half a Square	GS.MGSR.6.2	Use the lesson as designed.	
8	G.5.9	Half an Equilateral Triangle	GS.MGSR.6.2	Use the lesson as designed.	
9	G.5.10	Ratios in Right Triangles	GS.MGSR.6.3	Use the lesson as designed.	
10	G.5.11	Working with Ratios in Right Triangles	GS.MGSR.6.3	Use the lesson as designed.	
11	G.5.12	Working with Trigonometric Ratios	GS.MGSR.6.3; GS.MGSR.6.4	Use the lesson as designed.	

12	G.5.13	Applying Ratios in Right Triangles	GS.MGSR.6.4; GS.MGSR.6.5	Use the lesson as designed.	
Note: Lesson G.5.14 is omitted.					

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13	G.5.15	Using Trigonometric Ratios to Find Angles	GS.MGSR.6.4; GS.MGSR.6.5	Use the lesson as designed.	
14	G.5.16	Solving Problems with Trigonometry	GS.MGSR.6.4; GS.MGSR.6.5	Use the lesson as designed.	
15	Flex Day				
16	Assessment Day				

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Unit 7: Relationships in Triangles and Quadrilaterals					
Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.6.1	Centroid of a Triangle	GS.MGSR.5.2	Use the lesson as designed.	GS – Vol. 2
2	G.6.2	Triangle Midsegment Theorem	GS.MGSR.5.2	Use the lesson as designed.	
3	G.6.3	Solving Problems Using Triangle Relationships	GS.MGSR.5.2	Use the lesson as designed.	

4	G.6.4	Congruent Quadrilaterals	GS.MGSR.3.2	Use the lesson as designed.		
5	G.6.5	Proving Properties of Parallelograms	GS.MGSR.5.3	Use the lesson as designed.		
6	G.6.6	Using Properties of Parallelograms	GS.MGSR.5.3	Use the lesson as designed.		
7	G.6.7	Special Parallelograms	GS.MGSR.5.3	Use the lesson as designed.		
8	G.6.8	More Parallelogram Proofs	GS.MGSR.3.2; GS.MGSR.5.3	G.6.9 Warm-Up G.6.8 Collaborative Activity 1 G.6.9 Collaborative Activity (Use only 3-4 problems or assign each group to only complete 3-4 problems each.) G.6.9 Lesson Summary G.6.9 Cool Down Selected practice problems from either lesson		
	G.6.9	Solving Real-World Problems with Parallelograms				
9	Flex Day					
10	Assessment Day					

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Unit 8: Area, Surface Area, and Volume					
Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.7.1	Revisiting Relationships in Circles	GS.MGSR.1.1; GS.PAFR.1.2	Use the lesson as designed.	GS – Vol. 2
2	G.7.2	Finding the Area of Two-Dimensional Figures	GS.MGSR.1.1	Use the lesson as designed.	

3	G.7.3	Area of Regular Polygons	GS.MGSR.1.1	Use the lesson as designed.
4	G.7.4	Slicing Solids	GS.MGSR.1.2	Use the lesson as designed.
5	G.7.5	Using Cross Sections to Solve Problems	GS.MGSR.1.3	Use the lesson as designed.
6	G.7.6	Cylinder Volumes	GS.MGSR.1.1; GS.MGSR.1.3; GS.PAFR.2.1	G.7.6 Warm-Up G.7.6 Exploration Activity G.7.7 Exploration Activity 1 G.7.7 Collaborative Activity G.7.7 Lesson Summary G.7.6 Cool Down Selected practice problems from either lesson
	G.7.7	Cross Sections and Volume		
7	G.7.8	Finding Volume	GS.MGSR.1.1; GS.PAFR.1.2; GS.PAFR.2.1	Use the lesson as designed.
8	G.7.10	Surface Area of Three-Dimensional Figures	GS.MGSR.1.1; GS.PAFR.2.1	Use the lesson as designed.
9	G.7.9	Volume in the Real World	GS.MGSR.1.1; GS.PAFR.1.2; GS.PAFR.2.1	G.7.9 Warm-Up G.7.9 Collaborative Activity G.7.11 Guided Activity Combine both Lesson Summaries G.7.11 Cool Down
	G.7.11	Surface Area in the Real World		

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				Selected practice problems from either lesson	
10	G.7.12	Surface Area and Volume	GS.MGSR.1.1; GS.PAFR.2.1	Use the lesson as designed.	
11	Flex Day				
12	Assessment Day				

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Unit 9: Linear Relationships and Functions

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	8.2.12	Writing Equations for Lines	8.PAFR.2.4	Use the lesson as designed.	8th – Vol. 1
2	8.3.9	Equations of All Kinds of Lines	8.PAFR.2.5	Use the lesson as designed.	
3	8.3.11	Writing Equations of Linear Relationships	8.PAFR.2.5	Use the lesson as designed.	
4	8.5.10	Connecting Representations of Functions	8.PAFR.1.5; 8.PAFR.2.5	8.5.11 Warm-Up 8.5.10 Exploration Activity 8.5.11 Guided Activity	
	8.5.11	Linear Functions		8.5.11 Collaborative Activity 8.5.11 Lesson Summary 8.5.11 Cool Down Selected practice problems from either lesson	

5	8.5.13	Comparing Functions	8.PAFR.1.5	Use the lesson as designed.	
6	8.5.14	Comparing Functions Represented in Different Ways	8.PAFR.1.5	Use the lesson as designed.	
7	8.4.7	All, Some, or No Solutions	8.PAFR.2.2	8.4.7 Warm-Up 8.4.7 Exploration Activity 8.4.8 Collaborative Activity 8.4.8 Guided Activity 8.4.7 Lesson Summary 8.4.7 Cool Down Selected practice problems from either lesson	
	8.4.8	How Many Solutions?			
8	8.4.9	Solutions in Different Representations	8.PAFR.2.2	Use the lesson as designed.	
9	Flex Day				
10	Assessment Day				

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Unit 10: Coordinate Geometry				
Day	Lesson(s)	Indicator(s)	Suggested Components	Which Volume?
<i>Note: Lesson G.8.1 is omitted.</i>				GS – Vol. 2
1	G.8.2	Parallel Lines	GS.PAFR.2.2; GS.PAFR.2.3	

2	G.8.3	Perpendicular Lines	GS.PAFR.2.2; GS.PAFR.2.3	Use the lesson as designed.
3	G.8.4	Writing Equations of Lines from Given Criteria	GS.PAFR.2.3	Use the lesson as designed.
4	G.8.5	Area in the Coordinate Plane	GS.PAFR.3.2	Use the lesson as designed.
5	G.8.6	Lines in Triangles	GS.PAFR.3.1; GS.MGSR.5.2; GS.PAFR.2.3	Use the lesson as designed.
6	G.8.7	Classifying Triangles	GS.PAFR.3.1; GS.MGSR.5.2	Use the lesson as designed.
7	G.8.8	Centroids of Triangles	GS.PAFR.3.1; GS.MGSR.5.2	Use the lesson as designed.
8	G.8.9	Classifying Quadrilaterals – Part 1	GS.PAFR.3.1; GS.MGSR.5.1; GS.MGSR.5.3; GS.PAFR.2.3	Use the lesson as designed.
Note: Lesson G.8.10 is omitted.				
9	G.8.11	What Is the Figure?	GS.PAFR.3.1; GS.PAFR.3.2	G.8.11 Warm-Up G.8.11 Collaborative Activity (Use only 3-4 sets or assign each group)

	G.8.12	Using Coordinate Geometry to Solve Real-World Problems	; GS.MGSR.5.1; GS.MGSR.5.2; GS.PAFR.2.3	to only complete 3-4 sets each.) G.8.12 Collaborative Activity (Assign students only either #1, 2, or 3.)	
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				G.8.11 Lesson Summary G.8.11 Cool Down Selected practice problems from either lesson	
10	Flex Day				
11	Assessment Day				

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Unit 11: Circles

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	G.9.1	Lines, Angles, and Curves	GS.MGSR.7.2	Use the lesson as designed.	GS – Vol. 2
2	G.9.2	Inscribed Angles	GS.MGSR.7.1; GS.MGSR.7.2	Use the lesson as designed.	
3	G.9.3	Solving Problems Involving Intersecting Chords	GS.MGSR.7.1; GS.MGSR.7.	Use the lesson as designed.	

			2	
4	G.9.4	Solving Problems Involving Intersecting Secants	GS.MGSR.7.1; GS.MGSR.7.2	Use the lesson as designed.
5	G.9.5	Solving Problems with Tangents	GS.MGSR.7.1; GS.MGSR.7.2	Use the lesson as designed.
6	G.9.6	Triangles and Quadrilaterals Inscribed in Circles	GS.MGSR.7.1; GS.MGSR.7.2	Use the lesson as designed.
7	G.9.7	Solving Problems with Lengths of Intersecting Chords	GS.MGSR.7.1; GS.MGSR.7.2	Use the lesson as designed.
8	G.9.8	Solving Problems with Lengths of 2 Secants	GS.MGSR.7.1; GS.MGSR.7.2	G.9.9 Warm-Up G.9.8 Exploration Activity G.9.9 Collaborative Activity G.9.8 and 9 Guided Activities (Use 1–2 problems from each.) Combine both Lesson Summaries G.9.9 Cool Down Selected practice problems from either lesson
	G.9.9	Solving Problems with Secant and Tangent Segments		
9	G.9.10	Solving Problems with Lengths of 2 Tangents	GS.MGSR.7.1;	Use the lesson as designed.

			GS.MGSR.7. 2		
10	G.9.11	Arcs and Sectors	GS.PAFR.1.1	Use the lesson as designed.	

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11	G.9.12	Part to Whole	GS.PAFR.1.1	Use the lesson as designed.	
12	G.9.13	Angles, Arcs, and Radii	GS.PAFR.1.1	Use the lesson as designed.	
13	G.9.14	Using Coordinates to Prove Relationships in Circles	GS.PAFR.1.1	Use the lesson as designed.	
14	Flex Day				
15	Assessment Day				

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Unit 12: Statistics					
Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
1	8.7.1	Describing Data Distributions	8.DPSR.1.3	Use the lesson as designed.	8th – Vol. 2
2	8.7.2	Exploring the Effect of Adding or Removing Data Points	8.DPSR.1.3	Use the lesson as designed.	
3	8.7.3	Comparing Groups	8.DPSR.1. 2; 8.DPSR.1. 4	Use the lesson as designed.	

4	8.7.4	Comparing Graphical Representations	8.DPSR.1.2; 8.DPSR.1.4	Use the lesson as designed.	
Note: Lesson 8.7.5 is omitted.					
5	8.7.6	Comparing Populations Using Samples	8.DPSR.1.2; 8.DPSR.1.4	8.7.7 Warm-Up 8.7.6 Guided Activity 8.7.7 Collaborative Activity 8.7.6 Lesson Summary 8.7.6 Cool Down Selected practice problems from either lesson	
	8.7.7	Comparing Populations			
6	8.7.8	Exploring Double Line Graphs	8.DPSR.1.4	Use the lesson as designed.	
7	G.10.1	Statistical Questions	GS.DPSR.1.3	Use the lesson as designed.	GS – Vol. 2
8	8.7.9	Organizing Data	8.DPSR.1.1	Use the lesson as designed.	8th – Vol. 2
9	8.7.10	Plotting Data	8.DPSR.1.1	Use the lesson as designed.	
10	8.7.11	Exploring Trends in Scatter Plots	8.DPSR.1.1; 8.DPSR.1.2	8.7.11 Warm-Up 8.7.11 Collaborative Activity 8.7.12 Exploration Activity 8.7.11 Lesson Summary 8.7.11 Cool Down Selected practice	
	8.7.12	Relating Associations in Data to Slope			

				problems from either lesson	
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<i>Note: Lessons 8.7.13–14 are omitted.</i>					
11	G.10.2	Representing Data on a Scatter Plot	GS.DPSR.1.1	Use the lesson as designed.	GS – Vol. 2
12	G.10.3	Describing Associations between Data	GS.DPSR.1.1, GS.DPSR.1.2, GS.DPSR.1.3	Use the lesson as designed.	
13	G.10.4	Exploring Lines Fit to Data	GS.DPSR.1.2, GS.DPSR.1.3	Use the lesson as designed.	
14	G.10.5	Fitting Lines to Data	GS.DPSR.1.1; GS.DPSR.1.2	Use the lesson as designed.	
15	G.10.6	Exploring Possible Reasons for Association	GS.DPSR.2.1	Use the lesson as designed.	
16	Flex Day				
17	Assessment Day				

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Unit 13: Probability

Day	Lesson(s)		Indicator(s)	Suggested Components	Which Volume?
Note: Lessons 8.8.1–2 are omitted. The content is addressed in the previous course, 7/8 Compacted.					8th – Vol. 2
1	8.8.3	Exploring Sample Space of Compound Events	8.DPSR.2.1	Use the lesson as designed.	
2	8.8.4	Keeping Track of All Possible Outcomes	8.DPSR.2.1	Use the lesson as designed.	
3	8.8.5	Compound Events	8.DPSR.2.2	Use the lesson as designed.	
4	8.8.6	Calculating Theoretical Probability of Compound Events	8.DPSR.2.2	Use the lesson as designed.	
Note: Lesson 8.8.7 is omitted.					
Note: Lesson G.11.1 is omitted.					GS – Vol. 2
5	G.11.2	Exploring Geometric Probability	GS.PAFR.2.1	Use the lesson as designed.	
6	G.11.3	Venn Diagrams	GS.DPSR.3.1	Use the lesson as designed.	
7	G.11.4	Unions, Intersections, and Complements	GS.DPSR.3.1	Use the lesson as designed.	
8	G.11.5	The Addition Rule	GS.DPSR.3.2	Use the lesson as designed.	
9	G.11.6	Independent and Dependent Events	GS.DPSR.3.3	Use the lesson as designed.	
10	G.11.7	The Multiplication Rule	GS.DPSR.3.3	Use the lesson as designed.	
11	Flex Day				

