

Desoto County School District 2019-2020 Geometry (Spring) Pacing Guide Calendar

			Jan. 2 Teachers Return Professional Development	3 Professional Development
6 Students Return	7 Review Algebra I Concepts	8 Review Algebra I Concepts	9 1.1.3 & 1.1.5 -Perimeter and Area of Enlarging Tile Patterns -Building a Kaleidoscope	10 1.2.2 Rigid Transformations: Rotations and Translations
13 1.2.1 Rigid Transformations: Rotations and Translations	14 1.2.3 Slopes of Parallel and Perpendicular Lines	15 1.2.4 Defining Transformation	16 1.2.5 & 1.2.6 -Using Transformations to Create Shapes -Symmetry	17 1.3.1 & 1.3.2 -Attributes and Characteristics of Shapes -More Characteristics of Shapes
20 Dr. King Holiday: No School	21 Ch. 1 Closure/Review	22 Algebra Review & Chapter 1 Test	23 2.1.2 & 2.1.3 -Angles Formed by Transversals -More Angles Formed by Transversals	24 2.1.4 & 2.1.5 -Angles in a Triangle -Applying Angle Relationships
27 2.2.2 & 2.2.3 -Areas of Triangles and Composite Shapes -Areas of Parallelograms and Trapezoids	28 2.2.4 Heights and Areas	29 2.3.1 & 2.3.2 -Triangle Inequality -The Pythagorean Theorem	30 Ch. 2 Closure/Review	31 Chapter 2 Test
Feb. 3 3.1.1 & 3.1.2 -Dilations -Similarity	4 3.1.3 & 3.1.4 -Using Ratios of Similarity -Applications and Notation	5 3.2.1 & 3.2.2 -Conditions for Triangle Similarity -Creating a Flowchart	6 3.2.3 & 3.2.4 -Triangle Similarity and Congruence -More Conditions for Triangle Similarity	7 3.2.5 & 3.2.6 -Determining Similarity -Applying Similarity ACT: February 8
10 Ch. 3 Closure/Review	11 Chapter 3 Test	12 4.1.1 & 4.1.2 -Constant Ratios in Right Triangles -Connecting Slope Ratios to Specific Angles	13 4.1.3 & 4.1.4 -Expanding the Trig Table -The Tangent Ratio	14 4.1.5 Applying the Tangent Ratio

**Desoto County School District 2019-2020
Geometry (Spring) Pacing Guide Calendar**

17 Presidents Day: No School	18 Ch. 4 Closure/Review	19 Chapter 4 Test	20 5.1.1 & 5.1.2 -Sine and Cosine Ratios -Selecting a Trig Tool	21 5.1.3 Inverse Trigonometry
24 5.1.4 Trigonometric Applications	25 5.2.1 & 5.2.2 -Special Right Triangles -Pythagorean Triples State ACT for JUNIORS	26 5.3.1 Finding Missing Parts of Triangles	27 5.3.2 Law of Sines	28 5.3.3 Law of Cosines
Mar. 2 5.3.5 Choosing a Tool	3 Ch. 5 Closure/Review	4 Review for Exam	3rd Nine Weeks Exam	

SAMPLE

Desoto County School District 2019-2020 Geometry (Spring) Pacing Guide Calendar

16 6.1.1 Congruent Triangles	17 6.1.2 Conditions for Triangle Congruence	18 6.1.3 Congruence of Triangles Through Rigid Transformations	19 6.1.4 Flowcharts for Congruence	20 6.1.5 & 6.2.2 -Converses -Investigating a Triangle
23 Ch. 6 Closure/Review	24 Chapter 6 Test	25 7.1.3 Shortest Distance Problem	26 Cont'd 7.1.3 Shortest Distance Problem	27 7.2.1 & 7.2.2 -Special Quadrilaterals and Proof -Properties of Rhombi
30 7.2.3 More Proofs with Congruent Triangles	31 7.2.4 More Properties of Quadrilaterals	Apr. 1 7.2.5 Two-Column Proofs	2 7.2.6 Explore-Conjecture-Prove	3 7.3.2 Coordinate Geometry and Midpoints ACT: April 4
6 Ch. 7 Closure/Review	7 Chapter 7 Test	8 7.3.3 Identifying Quadrilaterals on a Coordinate Grid	9 8.1.1 Pinwheels and Polygons	10 Good Friday: No School
13 Easter Monday: No School	14 8.1.2 Interior Angles of Polygons	15 8.1.3 Angles of Regular Polygons	16 8.1.4 Regular Polygon Angle Connections	17 8.1.5 Finding Areas of Regular Polygons
20 Cont'd 8.1.5 Finding Areas of Regular Polygons	21 8.2.1 & 8.2.2 -Area Ratios of Similar Figures -Ratios of Similarity	22 8.3.1 & 8.3.2 -A Special Ratio -Area and Circumference of a Circle	23 8.3.3 Circles in Context	24 Ch. 8 Closure/Review
27 Chapter 8 Test	28 9.1.1 Three-Dimensional Solids	29 9.1.2 Volumes and Surface Areas of Prisms	30 9.1.3 Prisms and Cylinders	May 1 9.1.4 Volumes of Similar Solid

Desoto County School District 2019-2020 Geometry (Spring) Pacing Guide Calendar

4 9.1.5 Ratios of Similarity	5 Ch. 9 Closure/Review	6 Chapter 9 Test	7 10.1.1 Introduction to Chords	8 10.1.2 Angles and Arcs
11 10.1.3 Chords and Angles	12 10.1.4 Tangents and Secants	13 10.1.5 Problem Solving with Circles	14 Ch. 10 Closure/Review	15 Chapter 10 Test
18 Review for Exam	19 Semester Exams	20	21 Students Last Day	22 Teachers Last Day

Notes: Algebra I Concepts to review could include but are not limited to the following:

- Solving Multi-Step Equations
- Writing the equation of a line
- Calculate slope using graphs and formulas
- Graph equations in slope-intercept form
- Area Models
- Parallel and Perpendicular Lines
- Solve equations for a specific variable
- Simplify expressions including rational coefficients and exponents

**The standard for Simplifying Radicals is no longer a standard in the 2016 MS CCRS Framework. You will need to teach this skill when reviewing.*

- Some chapters/sections were omitted due to time constraints; therefore, teachers must preview homework questions to be sure no problems are assigned from an omitted chapter/section.
- Chapter 5 can be assessed on the Nine Weeks Exam.
- Section 11.1 & 11.2 can be assessed on the Semester Exam.

This pacing calendar follows the CPM Geometry Textbook that the district has adopted as a resource to assist in teaching the MS College & Career Readiness Standards (MS CCRS) for Geometry. The specific lessons addressed in this pacing guide are aligned to the set standards. However, this pacing guide is not meant to be an exhaustive list nor is it a list that limits how the standards are taught in the classroom. This is a sample pacing to help teachers with planning and a guide to understand the knowledge and skills that define the standards.

SAMPLE