## LESSON PLANS

### January 14th, 2019

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<th>Grade(s)</th>
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### Monday

**Objective**
- Students will be able to find the degree measure of angles in a triangle as well as classify other polygons.
- Students will be able to find the domain and range of a function.
- Students will be creating a function chart and plot the information on a coordinate plane.
- Students will understand the basics of credit and debit cards.
- Students will be able to describe the different parts of the slope-intercept form. They will also be able to graph a line from this equation as well.

**Activity**
- Standard 11.3.3: 10.3-10.4 Angle Sums of a Triangle and Polygons
- 9.7- Domain and Range of a Function
- Lesson 56: Plotting Function
- Section 10.10: Using Credit and Debit Cards
- Lesson 56: Slope-Intercept Equation of a Line

**Assign**
- Test: p. 304 1-10 all, p. 306 1-15 all
- p. 269 1-13 all
- p. 396 P.S. 1-15 all
- pg. 297 #1-5
- p. 386 P.S. 1-15 all

### Tuesday

**Objective**
- Students will be able to graph > or < on a coordinate plane.
- Students will be able to simplify negative exponents and represent small numbers in scientific notation.
- Students will be able to graph ≤ or ≥ on a coordinate plane.
- Students will be able to find the lines of symmetry for any given polygon.
- Students will be able to graph ≤ or ≥ on a coordinate plane.
- Students will be able to find the lines of symmetry for any given polygon.
- Students will be able to solve percent problems with equations.

**Activity**
- ACT Practice Test
- 10.5 Congruence, Similarity, and Symmetry
- 9.8- Graphing Inequalities & Scientific Notation for Small Numbers
- Lesson 57- Negative Exponents & Scientific Notation for Small Numbers
- Chapter 10 Review
- Lesson 57- Operations with Small Numbers in Scientific Notation

**Assign**
- p. 312 1-25 all, p. 274 1-15 all, p. 403 P.S. 1-30 even
- p. 390 P.S. 21-30 all

### Wednesday

**Objective**
- Students will be able to find the degree measure of angles in a triangle as well as classify other polygons.
- Students will be able to find the domain and range of a function.
- Students will be creating a function chart and plot the information on a coordinate plane.
- Students will understand the basics of credit and debit cards.
- Students will be able to describe the different parts of the slope-intercept form. They will also be able to graph a line from this equation as well.

**Activity**
- ACT Overview
- 10.1-10.5 Quiz
- 9.9- Graphing Inequalities Ctd.
- Lesson 58- Symmetry
- Chapter 10 Test
- Lesson 58- Solving Percent Problems with Equations

**Assign**
- p. 320 1-20 all
- p. 409 P.S. 1-20 all
- p. 396 P.S. 1-30 even

### Thursday

**Objective**
- Students will be able to find the area of a variety of polygons.
- Students will be able to add integers with the help of a number line.
- Students will be able to write large numbers as well as look at percentages of the federal budget.
- Students will learn how to conduct experimental probability and how to analyze the data collected.

**Activity**
- ACT Overview
- 10.6- Area Formulas
- Chapter 9 Review
- Lesson 59- Adding Integers on the Number Line
- 11.1-11.2 - The Key to Large Numbers, Federal Budget
- Lesson 59- Experimental Probability

**Assign**
- #31-60
- p. 317 1-15 all
- pg. 283 #1-25 all
- Worksheet
- p. 305 1-6, 1-6, p. 307 1-5, 1-8
- p. 403 1-30 all