S. P. ARNETT MIDDLE SCHOOL

COMMON CORE ALIGNED LESSON PLAN TEMPLATE

TEACHER: _Ashleigh Richardson_____ SUBJECT: _Mathematics_____

DATE: __October 30 – November 3, 2023_____ GRADE: _8th_____

CCSS: Common Core Learning Standard(s) Addressed:

MATH

8.G.A.5-Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles.

For example, arrange three copies of the same triangle so that the sum of the three angles appears to form a line, and give an argument in terms of transversals why this is so.

ALGEBRA 1

9.A2.S-ID.B.6-Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.

9.A1.S-ID.C.7-Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.

Danielson, 1c

Monday 10/30/23

Algebra I

- Bellringer: Predicting and Calculating Slope
- We Will: Represent data on two quantitative variables in a scatter plot.
- Eureka Math^2 Module 2: Lesson 15: Relationships between Quantitative Variables
- I Will: Describe the direction, shape, and strength of associations between variables displayed in scatter plots.

Regular Math

- Bellringer: Linear Pairs
- We Will: Use if-then statements and angle relationships to make conclusions about lines cut by a transversal.
- Eureka Math^2 Module 2: Lesson 14: Showing Lines Are Parallel
- I Will: Use informal arguments to conclude that lines cut by a transversal are parallel when angle pairs are congruent.

Tuesday 10/31/23

Algebra I

- Bellringer: Write Equations of Lines
- We Will: Informally fit a line to bivariate data and write an equation of the line.
- Eureka Math^2 Module 2: Lesson 16: Using Lines to Model Bivariate Quantitative Data.
- I Will: Interpret the slope and y-intercept of the lines fit to the data in context.

Regular Math

- Bellringer: Solve Equations
- We Will: Learn another relationship about the angle measures of a triangle and use it to solve problems.
- Eureka Math^2 Module 2: Lesson 15: Exterior Angles of Triangles
- I Will: Determine the unknown measure of an interior or exterior angle of a triangle.

Wednesday 11/1/23

Algebra I

- Bellringer: Substitute Values in Linear Equations
- We Will: Use technology to determine a line of best fit from a given set of data and use the line of best fit to make predictions.
- Eureka Math2 Module 2: Lesson 17: Modeling Relationships with a Line
- I Will: Compare lines of best fit for a set of bivariate data.

Regular Math

- Bellringer: Solve One-Step and Two-Step Equations
- We Will: Use angle relationships to write and solve equations.
- Eureka Math^2 Module 2: Lesson 16: Find Unknown Angle Measures
- I Will: Practice precision with the appropriate use of the degree symbol.

Thursday 11/2/23

Algebra I

- Bellringer: Practice Problems
- SUB Worksheet "Systems of Linear Equations"

Regular Math

- Bellringer: Practice Problems
- SUB Worksheet "Unknown Angles"

Friday 11/3/23

Algebra I

- Bellringer: Practice Problems
- SUB Worksheet "Systems of Linear Equations"

Regular Math

- Bellringer: Practice Problems
- SUB Worksheet "Unknown Angles"

Danielson, 2c, 3b ,3c,

Resources/Materials: (What texts, digital resources, & materials will be used for this lesson?)

1. Bellringer PDF
2. Other materials embedded in daily lesson/activity plan

Danielson,2c,3c