

S. P. ARNETT MIDDLE SCHOOL
COMMON CORE ALIGNED LESSON PLAN TEMPLATE

TEACHER: Ashleigh Richardson

SUBJECT: Mathematics

DATE: October 2-6, 2023

GRADE: 8th

CCSS: Common Core Learning Standard(s) Addressed:

MATH

8.G.A.1-Verify experimentally the properties of rotations, reflections, and translations:

8.G.A.1.a-Lines are taken to lines, and line segments to line segments of the same length.

8.G.A.1.b-Angles are taken to angles of the same measure.

8.G.A.1.c-Parallel lines are taken to parallel lines.

ALGEBRA 1

9A1.A-CED.A.2-Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.

9A1.A-CED.A.3-Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context.

For example, represent inequalities describing nutritional and cost constraints on combinations of different foods.

9A1.A-REI.D.10-Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line).

Danielson, 1c

Monday 10/2/23

Algebra I

- Bellringer: Identify Solutions of Linear Equations
- We Will: Explain advantages and disadvantages of representations of solution sets of two-variable equations.
- Eureka Math² Module 2: Lesson 1: Solution Sets of Linear Equations in Two Variables
- I Will: Write and graph equations in two variables to represent situations.

Regular Math

- Bellringer: Study for Test
- We Will: Go over instructions for the Eureka Math² Module 1 Test
- I Will: Take the Eureka Math² Module 1 Test

Tuesday 10/3/23

Algebra I

- Bellringer: Graph Lines from Descriptions
- We Will: Graph linear equations by using a variety of methods.
- Eureka Math² Module 2: Lesson 2: Graphing Linear Equations in Two Variables
- I Will: Defend the methods that are chosen.

Regular Math

- Bellringer: Study for Test
- We Will: Go over instructions for the Eureka Math² Module 1 Test
- I Will: Take the Eureka Math² Module 1 Test

Wednesday 10/4/23

Algebra I

- Bellringer: Identify Key Features of the Graph of a Line
- We Will: Write a linear equation based on information given about its graph.
- Eureka Math² Module 2: Lesson 3: Creating Linear Equations in Two Variables
- I will: Write linear equations in two variables.

Regular Math

- Bellringer: Draw Geometric Figures
- We Will: Demonstrate that the distance between two points stays the same under rigid motions.
- Eureka Math² Module 2: Lesson 1: Motions of the Plane
- I Will: Use transparency film to informally apply: translation, reflection, and rotation.

Thursday 10/5/23

Algebra I

- FALL BREAK – NO SCHOOL

Regular Math

- FALL BREAK – NO SCHOOL

Friday 10/6/23

Algebra I

- FALL BREAK – NO SCHOOL

Regular Math

- FALL BREAK – NO SCHOOL

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