LESSON PLANS
February 5-9, 2024

Algebra 1 (Periods 1 and 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Interpret scatter plots. 2. Identify correlations between data sets. 3. Use lines of fit to model data.	1.Go over homework assignment. 2. Continue 4.4 Notes.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7
Tuesday	1.Interpret scatter plots. 2. Identify correlations between data sets. 3. Use lines of fit to model data.	1.Go over homework assignment. 2. Complete Student Journal Pg. 114-115. 3. Complete 4.4 Exit Ticket 4. Start 4.5 Notes.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7

Wednesday	1.Use residuals to determine how well lines of fit model data. 2. Use technology to find lines of best fit. 3. Distinguish between correlation and causation.	1.Define residual. 2. Model and practice using residuals. 3. Define linear regression, line of best fit, and correlation coefficient. 4. Model and practice finding a line of best fit using technology.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7
Thursday	1.Use residuals to determine how well lines of fit model data. 2. Use technology to find lines of best fit. 3. Distinguish between correlation and causation.	1.Go over homework assignment. 2. Continue 4.5 Notes.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7
Friday	1.Use residuals to determine how well lines	1.Complete 2/9 PSSA Problem of the Week MC. 2.Go over homework assignment.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7

	of fit model data. 2. Use technology to find lines of best fit. 3. Distinguish between correlation and causation.	3. Finish 4.5 Notes. 4. Complete Student Journal Pg. 119-120. 5. Complete 4.5 Exit Ticket.			

CP Algebra II (Periods 3 and 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.	1. Go over 1.1 through 1.3 Quiz.. 2. Define quadratic functions and parabola. 3. Discuss horizontal and vertical translations. 4. Model and practice describing translations of quadratic functions. 5. Discuss reflections in the x and y axis, horizontal and vertical stretches and shrinks. 6. Model and practice describing the transformations of quadratic functions. 7. Assign pg. 52 4-12 even and 18-24 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.
Tuesday	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.	1.Go over homework assignment. 2. Continue 2.1 Notes.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7

Wednesday	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.	1.Finish 2.1 Notes. 2. Assign Student Journal Pg. 28	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7
Thursday	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.	1. Go over homework assignment. 2. Complete 2.1 Exit Ticket.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.
Friday	1.Describe transformations of quadratic functions. 2. Write transformations of quadratic functions.	1.Complete the 2/9 Algebra 1 Keystone Problem of the Week OE. 2. Introduce 2.2 Notes.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7

Pre-Algebra (Periods 5 and 6)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Find ratios, rates, and unit rates. 2. Find ratios and rates involving ratios of fractions.	1.Go over homework assignment.. 2. Finish 5.1 Notes. 3. Complete 5.1 Exit Ticket.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1
Tuesday	1.Use equivalent ratios to determine whether two ratios form a proportion. 2. Use the Cross Products Property to determine	1.Define proportion and proportional. 2. Model and practice determine whether ratios or quantities are proportional. 3. Define cross products.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1

	whether two ratios form a proportion.	4. Model and practice identifying proportional relationships. 5. Assign **Big Ideas** Pg. 174 6-24 even			
Wednesday	1.Write proportions. 2. Solve proportions using mental math.	1.Go over homework assignment. 2. Model and practice writing proportions. 3. Model and practice solving proportions using mental math. 4. Assign **Big Ideas** Pg. 182 4-22 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1
Thursday	1.Use equivalent ratios to determine whether two ratios form a proportion. 2. Use the Cross Products Property to determine whether two ratios form a proportion. 3.Write proportions. 4. Solve proportions using mental math.	1.Complete Student Journal Pg. 92 and 98 individually.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1
Friday	1.Use equivalent ratios to determine whether two ratios form a proportion.	1.Complete 2/9 PSSA 7 Problem of the Week MC. 2. Go over homework assignments. 3. Complete 5.2 Exit Ticket.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1

	2. Use the Cross Products Property to determine whether two ratios form a proportion. 3.Write proportions. 4. Solve proportions using mental math.			

Math Strategies (Period 8)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Solve one- and two- step equations.	1.Model and practice solving one- and two- step equations.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Tuesday	1.Solve one- two- and multi-step equations.	1.Model and practice solving one-, two- and multi-step equations.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Wednesday	1.Solve two-step and mutlti-step equations.	1.Complete a Kahoot Review on Equations.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1 CC.2.2.6.B.1
Thursday	1.Solve one-, two-, and multi-step equations.	1.Take the Equations Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.D.1 CC.2.2.6.B.1
Friday	1.Identify and use properties of supplementary, complementary, and adjacent angles in multi-step problems to write and solve simple equation for an unknown angle in a figure.	1.Discuss how to find missing angles using the definition of complementary, supplementary, vertical, and adjacent angles. 2. Practice finding missing angles using angle relationships.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1