LESSON PLANS
March 18-22, 2024

Algebra 1 (Periods 1 and 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1. Check solutions of systems of linear inequalities. 2. Graph systems of linear inequalities. 3. Use systems of linear inequalities to solve real-life problems. 4. Write systems of linear inequalities.	1.Go over Complete 3/15 Problem of the Week OE. 2. Go over homework assignment and 5.1 through 5.4 Quiz . 3. Complete 5.6 Exit Ticket. 4. Start 5.7 Notes on Systems of Linear Inequalities.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.8.B.3 CC.2.2.HS.D.10
Tuesday	1. Check solutions of systems of linear inequalities. 2. Graph systems of linear inequalities. 3. Use systems of linear inequalities to solve real-life problems. 4. Write systems of	1.Go over homework. 2. Finish 5.7 Notes. 3. Assign Student Journal Pg. 165-166.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.8.B.3 CC.2.2.HS.D.10

	linear inequalities.				
Wednesday	1. Check solutions of systems of linear inequalities. 2. Graph systems of linear inequalities. 3. Use systems of linear inequalities to solve real-life problems. 4. Write systems of linear inequalities.	1.Go over homework. 2. Finish 5.7 Notes. 3. Complete 5.7 Exit Ticket.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.8.B.3 CC.2.2.HS.D.10
Thursday	1. Check solutions of systems of linear inequalities. 2. Graph systems of linear inequalities. 3. Use systems of linear inequalities to solve real-life problems. 4. Write systems of linear inequalities.	1.Complete a Kahoot Review for 5.6 and 5.7 Quiz tomorrow.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.8.B.3 CC.2.2.HS.D.10
Friday	1. Check solutions of systems of linear inequalities.	1.Take 5.6 and 5.7 Quiz. 2. Complete 3/22 Algebra 1 Keystone Problem of the Week MC.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.8.B.3 CC.2.2.HS.D.10

	2. Graph systems of linear inequalities. 3. Use systems of linear inequalities to solve real-life problems. 4. Write systems of linear inequalities.				

CP Algebra II (Periods 3 and 4)

DAY	OBJECTIVES Students will	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE

	be able to:				**STANDARDS**
Monday	1.Solve quadratic equations using square roots. 2. Solve quadratic equations by completing the square. 3. Write quadratic functions in vertex form.	1.Go over homework. 2. Finish 3.3 Notes. 3. Assign Textbook Pg. 117 56-62 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7 CC.2.2.HS.D.10
Tuesday	1.Solve quadratic equations using square roots. 2. Solve quadratic equations by completing the square. 3. Write quadratic functions in vertex form.	1.Complete Student Journal Pg. 58-59 individually	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7 CC.2.2.HS.D.10
Wednesday	1.Solve quadratic equations using square roots.	1.Go over homework assignment. 2. Complete 3.3 Exit Ticket.	1. Homework 2. Class Participation 3. Exit ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7 CC.2.2.HS.D.10

	2. Solve quadratic equations by completing the square. 3. Write quadratic functions in vertex form.				
Thursday	1.Solve quadratic equations using the Quadratic Formula. 2. Analyze the discriminant to determine the number and type of solutions. 3. Solve real-life problems.	1.Go over homework assignment. 2. Discuss the Quadratic Formula. 3. Model and practice solving equations with two real solutions, one real solution, and imaginary solutions. 4. Define the discriminant. 5. Assign Textbook Pg. 127 6-26 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7 CC.2.2.HS.D.10
Friday	1.Solve quadratic equations using the Quadratic Formula. 2. Analyze the discriminant to determine the number and	1.Complete the 3/22 Algebra 1 Keystone Problem of the Week. 2. Go over homework. 3. Finish 3.4 Notes. 4. Assign Textbook Pg. 127 29-38 all	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7 CC.2.2.HS.D.10

	type of solutions. 3. Solve real-life problems.				

Pre-Algebra (Periods 5 and 6)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS

Monday	1.Understand that the sum of the angles measures of any quadrilateral is 360. 2. Find the missing angle measures in quadrilaterals. 3. Construct quadrilaterals.	1.Define the six different types of quadrilaterals. 2. Model and practice classifying quadrilaterals. 3. Assign Textbook Pg. 296 1-13 all	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Tuesday	1.Understand that the sum of the angles measures of any quadrilateral is 360. 2. Find the missing angle measures in quadrilaterals. 3. Construct quadrilaterals.	1.Go over homework assignment. 2. Complete Student Journal Pg. 160 3. Complete 7.4 Exit Ticket.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Wednesday	1.Construct triangles with given angle measures. 2. Construct triangles with given side lengths. 3.Understand that the sum of the angles measures of	1.Go over homework assignment. 2. Complete a Kahoot Review for the 7.1 through 7.4 Quiz.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1

	any quadrilateral is 360. 4. Find the missing angle measures in quadrilaterals. 5. Construct quadrilaterals.				
Thursday	1.Construct triangles with given angle measures. 2. Construct triangles with given side lengths. 3.Understand that the sum of the angles measures of any quadrilateral is 360. 4. Find the missing angle measures in quadrilaterals. 5. Construct quadrilaterals.	1.Take the 7.1 through 7.4 Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Friday	1.Describe a circle in terms of radius and diameter. 2. Understand the concept of pi. 3. Find the circumferences of	1.Complete the 3/22 PSSA 7 Problem of the Week MC. 2. Go over 7.1 through 7.4 Quiz. 3. Start Chapter 8.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1

	circles and perimeters of semi circles.			

Math Strategies (Period 8)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Visualize and represent geometric figures and describe	1.Complete the Triangles assignment on Study Island.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2

	the relationships between them.	2. Complete the PSSA 7 Open-Ended Triangles problem.			
Tuesday	1.Visualize and represent geometric figures and describe the relationships between them.	1.Complete a Kahoot Review for the Triangles Quiz.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2
Wednesday	1.Visualize and represent geometric figures and describe the relationships between them.	1.Take the Triangles Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2
Thursday	1.Find the area and circumference of circles.	1.Starts the Circles Unit.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2
Friday	1.Find the area and circumference of circles.	1.Model and practice finding the circumference and area of circles.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2