LESSON PLANS
March 11-18, 2024

Algebra 1 (Periods 1 and 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Determine the numbers of solutions of linear systems. 2. Use linear systems to solve real-life problems.	1.Complete a Kahoot for the 5.1 through 5.4 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
Tuesday	1.Determine the numbers of solutions of linear systems. 2. Use linear systems to solve real-life problems.	1.Take the 5.1 through 5.4 Quiz.	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
Wednesday	1.Solve systems of linear equations in two variables by elimination. 2.Determine the numbers of solutions of linear systems. 3. Use linear systems to solve real-life problems. 4. Check solutions of linear inequalities.	1.Start 5.6 Notes on Graphing Linear Inequalities in Two Variables..	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

	5. Graph linear inequalities in two variables. 6. Use linear inequalities to solve real-life problems.				
Thursday	1. Check solutions of linear inequalities. 2. Graph linear inequalities in two variables. 3. Use linear inequalities to solve real-life problems.	1. Assign Student Journal Pg. 160-161	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. 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 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

CP Algebra II (Periods 3 and 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1.Solve quadratic equations by graphing. 2. Solve quadratic equations algebraically. 3. Solve real-life problems.	1.Go over homework assignment. 2. Complete 3.2 Exit Ticket. 3. Complete a Complex Numbers Kahoot for the Quiz tomorrow.	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
Tuesday	1.Define and use the	1.Take Complex Numbers Post-Test.	1. Quiz	Individual students will be provided	CC.2.2.HS.D.7

				accommodations if mandated in their IEPs	CC.2.2.HS.D.10
	imaginary unit i. 2. Add, subtract, multiply complex numbers. 3. Find complex solutions and zeros.				
Wednesday	1.Solve quadratic equations using square roots. 2. Solve quadratic equations by completing the square. 3. Write quadratic functions in vertex form.	1.Define completing the square. 2. Model and practrice solving quadratic equations using square roots and completing the square.	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
Thursday	1.Define and use the imaginary unit i. 2. Add, subtract, multiply complex numbers.	1.Assign Textbook Pg. Pg. 116 4-20 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7

	3. Find complex solutions and zeros.				
Friday	1.Define and use the imaginary unit i. 2. Add, subtract, multiply complex numbers. 3. Find complex solutions and zeros.	1.Complete 3/7 Problem of the Week OE. 2. Go over homework assignment. 3. Finish 3.2 Notes. 4. Assign Student Journal Pg. 53-54.	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.Classify pairs of angles as complementary, supplementary, or neither. 2. Find angle measures using complementary and supplementary angles.	1.Go over homework assignment. 2. Complete 7.2 Exit Ticket. 3. Introduce Lesson 7.3.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Tuesday	1.Construct triangles with given angle measures. 2. Construct triangles with given side lengths.	1.Assign Textbook pg. 286 #6-13 all.	1. Homework 2. Class Participation	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. | 1.Go over homework assignment.
2.Finish 7.3 Notes. | 1. Homework
2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.1 |
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| Thursday | 1.Construct triangles with given angle measures.

2. Construct triangles with given side lengths. | 1.Complete Student Journal Pg. 154.
2. Complete 7.3 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 |
| Friday | 1.Classify pairs of angles as complementary, supplementary, or neither.

2. Find angle measures using complementary and supplementary angles. | 1.Complete 3/15 PSSA 7 Problem of the Week MC
2. Go over homework assignment.
3. Introduce 7.3 Extension Notes. | 1. Homework
2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.1 |

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 the relationships between them.	1.Complete Triangles Straw Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2
Tuesday	1.Visualize and represent geometric figures and describe the relationships between them.	1.Define and identify properties of all types of triangles based on angle and side measures.	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.Continue practicing identifying properties of all types of triangles based on angle and side measures.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2

Thursday	1.Visualize and represent geometric figures and describe the relationships between them.	1.Continue practicing identifying properties of all types of triangles based on angle and side measures.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2
Friday	1.Visualize and represent geometric figures and describe the relationships between them.	1.Continue practicing identifying properties of all types of triangles based on angle and side measures.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.2