

LESSON PLANS

April 2-5, 2024

Algebra 1 (Periods 1 and 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL
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 linear inequalities.	1. Start Chapter 6 on Exponents. 2. Assign Textbook Pg. 296 6-36 even.	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 CC.2.1.HS.F.1
Wednesday	1. Use zero and negative exponents. 2. Use the properties of exponents. 3. Solve real-life problems using exponents.	1. Go over homework assignment. 2. Finish 6.1 Notes. 3. Assign Student Journal Pg. 172	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.HS.F.1

Thursday	<ol style="list-style-type: none"> 1. Find nth roots. 2. Evaluate expressions with rational exponents. 3. Solve real-life problems involving rational exponents. 	<ol style="list-style-type: none"> 1. Go over homework assignment. 2. Complete 6.1 Exit Ticket. 3. Define nth root of a, radical, and index. 4. Model and practice finding nth roots. 5. Model and practice evaluating nth root expressions. 6. Define rational exponents. 7. Assign pg. 303 4-18even 	<ol style="list-style-type: none"> 1. Homework 2. Class Participation 3. Exit Ticket 	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.HS.F.1
Friday	<ol style="list-style-type: none"> 1. Find nth roots. 2. Evaluate expressions with rational exponents. 3. Solve real-life problems involving rational exponents. 	<ol style="list-style-type: none"> 1. Complete 4/5 PSSA Problem of the Week OE 2. Go over homework assignment. 3. Model and practice evaluating expressions with rational exponents. 4. Model and practice solving real-life problems. 5. Assign pg. 303 20-34 even. 	<ol style="list-style-type: none"> 1. Homework 2. Class Participation 	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.HS.F.1

CP Algebra II (Periods 3 and 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL
Tuesday	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. Discuss the Quadratic Formula. 2. Model and practice solving equations with two real solutions, one real solution, and imaginary solutions. 3. Define the discriminant. 4. Assign Textbook Pg. 127 12-26 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
Wednesday	1. Solve quadratic equations using	1. Go over homework. 2. Finish 3.4 Notes.	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

	<p>the Quadratic Formula.</p> <p>2. Analyze the discriminant to determine the number and type of solutions.</p> <p>3. Solve real-life problems.</p>	<p>3. Assign Textbook Pg. 127 29-38 all</p>			
Thursday	<p>1. Solve quadratic equations using the Quadratic Formula.</p> <p>2. Analyze the discriminant to determine the number and type of solutions.</p> <p>3. Solve real-life problems.</p>	<p>1. Go over homework assignment.</p> <p>2. Complete Student Journal Pg. 64 #1-6 all individually</p>	<p>1. Homework</p> <p>2. Class Participation</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>CC.2.2.HS.D.7</p> <p>CC.2.2.HS.D.10</p>
Friday	<p>1. Solve quadratic equations using the Quadratic Formula.</p> <p>2. Analyze the discriminant to determine the</p>	<p>1. Go over homework assignment.</p> <p>2. Complete 3/22 Open-Ended Problem of the Week.</p> <p>3. Complete 3.4 Exit Tickt.</p>	<p>1. Homework</p> <p>2. Class Participation</p> <p>3. Exit Ticket</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>CC.2.2.HS.D.7</p> <p>CC.2.2.HS.D.10</p>

	number and type of solutions. 3. Solve real-life problems.				
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Pre-Algebra (Periods 5 and 6)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
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Monday	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL
Tuesday	<p>1. Describe a circle in terms of radius and diameter.</p> <p>2. Understand the concept of pi.</p> <p>3. Find the circumferences of circles and perimeters of semi circles.</p> <p>4. Find perimeters of composite figures.</p>	<p>1. Start 8.2 Notes on Perimeters of Composite Figures.</p> <p>2. Assign Textbook Pg.328 3-15 all.</p>	<p>1. Homework</p> <p>2. Class Participation</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Wednesday	<p>1. Find perimeters of composite figures.</p>	<p>1. Go over homework.</p> <p>2. Finish 8.2 Notes.</p> <p>3. Assign Student Journal Pg. 174.</p>	<p>1. Homework</p> <p>2. Class Participation</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Thursday	<p>1. Describe a circle in terms of radius and diameter.</p> <p>2. Understand the concept of pi.</p> <p>3. Find the circumferences of circles and perimeters of semi circles.</p>	<p>1. Go over homework.</p> <p>2. Complete 8.2 Exit Ticket.</p> <p>3. Complete a Kahoot Review for 8.1 and 8.2 for the quiz tomorrow.</p>	<p>1. Homework</p> <p>2. Class Participation</p> <p>3. Exit Ticket</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1

	4. Find perimeters of composite figures.				
Friday	<p>1. Describe a circle in terms of radius and diameter.</p> <p>2. Understand the concept of pi.</p> <p>3. Find the circumferences of circles and perimeters of semi circles.</p> <p>4. Find perimeters of composite figures.</p>	1. Take the 8.1 and 8.2 Quiz.	1. Quiz	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	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL
Tuesday	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. Review types of angles. 2. Define adjacent and vertical angles. 3. Complete Activity 3 in Section 7.1 Packet. 4. Define complementary and supplementary angles.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Wednesday	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. Complete complementary and supplementary angles exploration activities.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1
Thursday	1. Identify and use properties of supplementary,	1. Complete complementary, supplementary, vertical, and adjacent angles worksheet.	1. Class Participation	Individual students will be provided	CC.2.3.7.A.1

	complementary, and adjacent angles in multi-step problems to write and solve simple equation for an unknown angle in a figure.			accommodations if mandated in their IEPs	
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. Complete complementary, supplementary, vertical, and adjacent angles worksheet.	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.3.7.A.1