

LESSON PLANS
January 29-February 2, 2024

Algebra 1 (Periods 1 and 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	1. Identify and write equations of parallel lines. 2. Identify and write equations of perpendicular lines. 3. Use parallel and perpendicular lines in real-life problems.	1. Go over homework assignments. 2. Finish 4.3 Notes. 3. Assign Student Journal Pg. 109-110	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. Identify and write equations of parallel lines. 2. Identify and write equations of perpendicular lines. 3. Use parallel and perpendicular	1. Go over homework assignments. 2. Complete 4.3 Exit Ticket individually..	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

	lines in real-life problems.				
Wednesday	<p>1. Identify and write equations of parallel lines.</p> <p>2. Identify and write equations of perpendicular lines.</p> <p>3. Use parallel and perpendicular lines in real-life problems.</p>	1. Complete a Kahoot Review for the 4.1 through 4.3 Quiz.	1. 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	<p>1. Identify and write equations of parallel lines.</p> <p>2. Identify and write equations of perpendicular lines.</p> <p>3. Use parallel and perpendicular lines in real-life problems.</p>	1. Take the 4.1 through 4.3 Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.10 CC.2.2.HS.D.7

Friday	<p>1. Identify and write equations of parallel lines.</p> <p>2. Identify and write equations of perpendicular lines.</p> <p>3. Use parallel and perpendicular lines in real-life problems.</p>	<p>1. Complete 2/2 PSSA Problem of the Week MC.</p> <p>2. Go over 4.1 through 4.3 Quiz.</p> <p>3. Introduce Section 4.4.</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.10</p> <p>CC.2.2.HS.D.7</p>
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CP Algebra II (Periods 3 and 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday	<p>1. Write equations of linear functions using points and slopes (1-3 Big Ideas)</p> <p>2. Find lines of fit and lines of best fit (1-3 Big Ideas)</p>	<p>1. Continue writing a linear equation from a graph.</p> <p>2. Define line of fit and best fit and correlation coefficient.</p> <p>3. Model and practice finding lines of fit by hand and using the graphing calculator.</p> <p>4. Assign pg. 26 4-12 even</p>	<p>1. Homework</p> <p>2. Class Participation</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7
Tuesday	<p>1. Write equations of linear functions using points and slopes (1-3 Big Ideas)</p> <p>2. Find lines of fit and lines of best fit (1-3 Big Ideas)</p>	<p>1. Continue practicing modeling with linear equations individually.</p>	<p>1. Homework</p> <p>2. Class Participation</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7
Wednesday	<p>1. Write equations of linear functions using points</p>	<p>1. Go over homework assignment.</p> <p>2. Complete a review activity on 1.1 through</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.2.2.HS.D.7

	<p>and slopes (1-3 Big Ideas)</p> <p>2. Find lines of fit and lines of best fit (1-3 Big Ideas)</p>	<p>1.3 as a class for the quiz tomorrow.</p> <p>3. Complete 1.3 Exit Ticket.</p>			
Thursday		1. Take 1.1 through 1.3 Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7
Friday	<p>1. Describe transformations of quadratic functions.</p> <p>2. Write transformations of quadratic functions.</p>	<p>1. Complete the 2/2 Algebra 1 Keystone Problem of the Week OE.</p> <p>2. Go over 1.1 through 1.3 Quiz..</p> <p>3. Define quadratic functions and parabola.</p> <p>4. Discuss horizontal and vertical translations.</p> <p>5. Model and practice describing translations of quadratic functions.</p> <p>6. Discuss reflections in the x and y axis, horizontal and vertical stretches and shrinks.</p>	<p>1. Homework</p> <p>2. Class Participation</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.HS.D.7

		<p>7. Model and practice describing the transformations of quadratic functions.</p> <p>8. Assign pg. 52 4-12 even and 18-24 even</p>			
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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	1.Solve multi-step inequalities. 2. Solve real-life problems.	1.Go over homework. 2. Finish 4.4 Notes. 3. Assign Student Journal Pg. 82.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.6.B.2 CC.2.2.7.B.3
Tuesday	1.Solve multi-step inequalities. 2. Solve real-life problems.	1.Go over homework. 2. Complete 4.4 Exit Ticket. 3. Complete a 4.3 and 4.4 Kahoot Review for the Quiz tomorrow.	1. Homework 2. Class Participation 3. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.6.B.2 CC.2.2.7.B.3
Wednesday	1.Solve inequalities using multiplication or division. 2. Solve multi-step inequalities. 3. Solve real-life problems.	1.Take the 4.3 and 4.4 Quiz.	1. Quiz	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.6.B.2 CC.2.2.7.B.3
Thursday	1.Solve multi-step inequalities. 2. Solve real-life problems.	1.Go over the 4.3 and 4.4 Quiz. 2. Introduce Chapter 5.	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.6.B.2 CC.2.2.7.B.3
Friday	1.Find ratios, rates, and unit rates. 2. Find ratios and rates involving ratios of fractions.	1.Complete the 2/2 PSSA Problem of the Week MC. 2. Define ratio, rate, and unit rate. 3. Model and practice finding ratios and rates. 4. Model and practice finding rates from ratio tables. 5. Define complex fraction. 6. Model and practice finding rates from a graph. 7. Assign Textbook Pg. 167 4-28 even	1. Homework 2. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.2.6.B.2 CC.2.2.7.B.3

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.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, 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
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