

LESSON PLANS
December 11-15, 2023

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/11/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1. Warm-up problem 2. Ch. 2.5 Notes - application problems 3. 2.5 Exit Ticket	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 12/12/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1. Warm-up problem 2. Student Journal p.51-52	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 12/13/23	1. Write and graph compound inequalities. 2. Solve compound inequalities.	1. Warm-up problem 2. Ch. 2.4-2.5 Quiz Review	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	3. Use compound inequalities to solve real-life problems.				
Thursday 12/14/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1.Ch. 2.4-2.5 Quiz	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 12/15/23	1. Solve absolute value inequalities. 2. Use absolute value inequalities to solve real-life problems.	1. Warm-up problem 2. Ch. 2.6 Notes - Absolute Value Inequalities	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Intro to Algebra (7) (Period 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/11/23	1. Subtract rational numbers. 2. Solve real-life problems.	1. Warm-up problem 2. 99math 3. Ch. 2.3 Notes - evaluate expressions	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	

Tuesday 12/12/23	1. Subtract rational numbers. 2. Solve real-life problems.	1. Warm-up problem 2. 2.3 Exit Ticket 3. Workbook p.36 #4-9	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 12/13/23	1. Multiply and divide rational numbers. 2. Solve real-life problems.	1. Warm-up problem 2. 99math 3. Ch. 2.4 Notes - multiply fractions	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 12/14/23	1. Multiply and divide rational numbers. 2. Solve real-life problems.	1. Warm-up problem 2. Ch. 2.4 Notes - multiply decimals	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 12/15/23	1. Multiply and divide rational numbers. 2. Solve real-life problems.	1. Warm-up problem 2. 99math 3. Multiply Fractions/Decimals Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Algebra 1B (Period 3)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/11/23	1. Use residuals to determine how well	1. Warm-up problem 2. Ch. 4.5 Notes - analyze residuals	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2

	<p>lines of fit model data.</p> <p>2.Find lines of best fit.</p> <p>3.Distinguish between correlation and causation.</p>				
<p>Tuesday 12/12/23</p>	<p>1. Use residuals to determine how well lines of fit model data.</p> <p>2.Find lines of best fit.</p> <p>3.Distinguish between correlation and causation.</p>	<p>1.Warm-up problem</p> <p>2. Textbook p.206 #9 & 10</p>	<p>1. Class Participation</p> <p>2. Homework</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>
<p>Wednesday 12/13/23</p>	<p>1. Use residuals to determine how well lines of fit model data.</p> <p>2.Find lines of best fit.</p> <p>3.Distinguish between correlation and causation.</p>	<p>1. Warm-up problem</p> <p>2. Ch. 4.5 Notes - analyze residuals</p>	<p>1. Class Participation</p> <p>2. Exit Ticket</p> <p>3. Independent Practice</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>
<p>Thursday 12/14/23</p>	<p>1. Use residuals to determine how well lines of fit model data.</p>	<p>1.Warm-up problem</p> <p>2. Ch. 4.5 Notes - lines of best fit</p>	<p>1. Class Participation</p> <p>2.Independent Practice</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>

	2.Find lines of best fit. 3.Distinguish between correlation and causation.				
Friday 12/15/23	1. Use residuals to determine how well lines of fit model data. 2.Find lines of best fit. 3.Distinguish between correlation and causation.	1.Warm-up problem 2.Ch. 4.5 Notes - lines of best fit	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2

Algebra II (Period 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/11/23	1. Write equations of linear functions using points and slopes.	1.Ch. 1.3 Notes - modeling with mathematics (linear equations)	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

	2.Find lines of fit and lines of best fit.				
Tuesday 12/12/23	1.Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1.Textbook p.26 #3-9	1. Class Participation 2. Exit Ticket 3. Pre-Test	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Wednesday 12/13/23	1. Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1. Ch. 1.3 Notes - lines of fit and lines of best fit	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 12/14/23	1.Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1.Ch. 1.3 Notes - lines of fit and lines of best fit	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 12/15/23	1. Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1.1.3 Exit Ticket 2. Student Journal p.16-17	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Intro to Algebra (8) (Period 5)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/11/23	1. Find ratios, rates, and unit rates. 2. Find ratios and rates involving ratios of fractions.	1. Warm-up problem 2. Lesson 3.2 Notes - proportions (cross product property) 3.3.2 Exit Ticket		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 12/12/23	1. Find ratios, rates, and unit rates. 2. Find ratios and rates involving ratios of fractions.	1. Warm-up problem 2. Lesson 3.3 Notes - write proportions	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 12/13/23	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.	1. Warm-up problem 2. Lesson 3.3 Notes - Solve proportions using mental math	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 12/14/23	1. Use equivalent ratios to determine	1. Warm-up problem 2. Proportions Worksheet 3.3.3 exit ticket	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

	whether two ratios form a proportion. 2. Use the Cross Products Property to determine whether two ratios form a proportion.				
Friday 12/15/23	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.	1. Warm-up problem 2. Lesson 3.4 Notes - solve proportions using cross products	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Math Strategies II (Period 6)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
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Monday 12/11/23	1. Volume of cones, spheres, and cylinders	1. Volume – Study Island Assignment			M07.D-S.2.1
Tuesday 12/12/23	1. Volume of cones, spheres, and cylinders	1. Volume Vocab – Frayer Model Notes and Comprehension	1. Class Participation 2. Exit Ticket 3. Pre-Test	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 12/13/23	1. Transformations	1. Transformations Notes - Translations	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 12/14/23	1. Transformations	1. Transformations Notes - Translations	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 12/15/23	1. Transformations	1. Transformations Notes - Translations	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

**Lesson plans or assignments may be altered at any time. **