

LESSON PLANS
February 5-9, 2024

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 2/5/24	1. Identify linear functions using graphs, tables, and equations. 2. Graph linear functions using discrete and continuous data.	1. Warm-ups 2. Ch. 3.2 Notes - Graphing Continuous Data 3. 3.2 Exit Ticket 4. Student Journal p.68	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 2/6/24	1. Use function notation to evaluate and interpret functions. 2. Use function notation to solve and graph functions. 3. Solve real-life problems using function notation.	1. Warm-up 2. Ch. 3.3 Notes - evaluate functions - interpret function notation	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 2/7/24	1. Use function notation to evaluate and interpret functions.	1. Warm-up 2. Textbook p.125 #3-12	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	2. Use function notation to solve and graph functions. 3. Solve real-life problems using function notation.				
Thursday 2/8/24	1. Use function notation to evaluate and interpret functions. 2. Use function notation to solve and graph functions. 3. Solve real-life problems using function notation.	1. Warm-up 2. Ch. 3.3 Notes - solve for independent variable 3. Homework: Function Notation Practice Worksheet	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 2/9/24	1. Use function notation to evaluate and interpret functions. 2. Use function notation to solve and graph functions. 3. Solve real-life problems using function notation.	1. Warm-up 2. Function Notation Pop Quiz 3. Ch. 3.3 Notes - Graphing function notation	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 2/5/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems..	1. Warm-up 2. Ch. 3.2 Notes - adding linear expressions	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 2/6/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.2 Notes - adding linear expressions	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 2/7/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems.	1. Warm-up 2. Adding Linear Expressions Worksheet	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 2/8/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.2 Notes - subtracting linear expressions	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Friday 2/9/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems.	1. Warm-up 2. Subtracting Linear Expressions Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
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Algebra 1B (Period 3)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 2/5/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations by graphing. 3. Use systems of linear equations to solve real life problems.	1. Warm-up 2. Ch. 5.1 Notes - application problems 3. Homework: Textbook p.240 #28	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
Tuesday 2/6/24	1. Check solutions of systems of linear equations.	1. Warm-up 2. 5.1 Exit Ticket 3. Student Journal p.135	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>2. Solve systems of linear equations by graphing.</p> <p>3. Use systems of linear equations to solve real life problems.</p>				
<p>Wednesday 2/7/24</p>	<p>1. Check solutions of systems of linear equations.</p> <p>2. Solve systems of linear equations by graphing.</p> <p>3. Use systems of linear equations to solve real life problems.</p>	<p>1. Warm-up</p> <p>2. Student Journal p.135-136</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 2/8/24</p>	<p>1. Solve systems of linear equations by substitution.</p> <p>2. Use systems of linear equations to solve real-life problems.</p>	<p>1. Warm-up</p> <p>2. Ch. 5.2 Notes</p> <ul style="list-style-type: none"> - solve systems of linear equations using substitution 	<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>
<p>Friday 2/9/24</p>	<p>1. Solve systems of linear equations by substitution.</p> <p>2. Use systems of linear equations to</p>	<p>1. Warm-up</p> <p>2. Ch. 5.2 Notes</p> <ul style="list-style-type: none"> - solve systems of linear equations using substitution 	<p>1. Class Participation</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>

	solve real-life problems.				
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Algebra II (Period 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 2/5/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions.	1. Lesson 3.2 Notes - solve systems using elimination	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 2/6/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions.	1. Lesson 3.2 Notes - solve systems using elimination	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 2/7/24	<ol style="list-style-type: none"> 1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions. 	1. 3.2 Exercises p.194 #6-9	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 2/8/24	<ol style="list-style-type: none"> 1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions. 	<ol style="list-style-type: none"> 1. Lesson 3.2 Notes <ul style="list-style-type: none"> - Classify systems by elimination 	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 2/9/24	<ol style="list-style-type: none"> 1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions. 	1. 3.2 Exercises p.194 #10-14	<ol style="list-style-type: none"> 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 2/5/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. Ch. 4.2 Notes - interpret slope		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 2/6/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. 4.2 Exit Ticket 3. 4.2 Worksheet	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 2/7/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. 4.1-4.2 Quiz Review	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 2/8/24	1. Use graphs to determine whether	1. Warm-up 2. 4.1-4.2 Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

	two ratios form a proportion. 2. Interpret graphs of proportional relationships.				
Friday 2/9/24	1. Find the slopes of lines. 2. Interpret the slopes of lines as rates.	1. Warm-up 2. Lesson 4.3 Notes - find slope given two points	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
Monday 2/5/24	1. Volume of cones, spheres, and cylinders	1. Volume of Sphere Notes	1. Class Participation 2. Quiz	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 2/6/24	1. Volume of cones, spheres, and cylinders	1. Volume of Sphere Notes 2. Volume of a Sphere Worksheet	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 2/7/24	1. Volume of cones, spheres, and cylinders.	1. Mixed Volumes Review Worksheet	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 2/8/24	1. Volume of cones, spheres, and cylinders.	1. Volumes Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 2/9/24	1. Volume of cones, spheres, and cylinders.	1. Study Island - Volume Assignment	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. **