

LESSON PLANS
January 29- February 2, 2024

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 1/29/24	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 - Identify linear functions from a graph/table 3. Homework: Textbook p.117 #5-16	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 1/30/24	1. Identify linear functions using graphs, tables, and equations. 2. Graph linear functions using discrete and continuous data.	1. Warm-up 2. Ch. 3.2 Notes - Identify linear functions from an equations 3. Homework: Textbook p.118 #17-25	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 1/31/24	1. Identify linear functions using graphs, tables, and equations.	1. Warm-up 2. Ch. 3.2 Notes - Discrete vs Continuous Data	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	2.Graph linear functions using discrete and continuous data.				
Thursday 2/1/24	1. Identify linear functions using graphs, tables, and equations. 2.Graph linear functions using discrete and continuous data.	1. Warm-up 2. Ch. 3.2 Notes - Graph discrete data	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 2/2/24	1. Identify linear functions using graphs, tables, and equations. 2.Graph linear functions using discrete and continuous data.	1. Warm-up 2. Ch. 3.2 Notes - Graph continuous data	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
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					CORE STANDARDS
Monday 1/29/24	1. Apply properties of operations to simplify algebraic expressions. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.1 Notes - simplify algebraic expressions	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 1/30/24	1. Apply properties of operations to simplify algebraic expressions. 2. Solve real-life problems.	1. Warm-up 2. Simplify Algebraic Expressions Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 1/31/24	1. Apply properties of operations to simplify algebraic expressions. 2. Solve real-life problems.	1. Warm-up 2. 3.1 Exit Ticket 3. Workbook p.46	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 2/1/24	1. Apply properties of operations to add and subtract linear expressions. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.2 Notes - add 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 2/2/24	1. Apply properties of operations to add	1. Warm-up 2. Add 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

	and subtract linear expressions. 2.Solve real-life problems.				
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Algebra 1B (Period 3)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 1/29/24	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.Whack-a-Mole Worksheet (Graph Systems of Linear Equations)	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 1/30/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations by graphing. 3. Use systems of linear equations to	1. Warm-up 2. Ch. 5.1 Notes - graph systems of linear equations	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

	solve real life problems.				
Wednesday 1/31/24	<ol style="list-style-type: none"> 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. 	<ol style="list-style-type: none"> 1. Warm-up 2. Ch. 5.1 Notes <ul style="list-style-type: none"> - graph system of linear equations using a calculator 3. Homework: Textbook p.239 #14-20 even 	<ol style="list-style-type: none"> 1. Class Participation 2. Exit Ticket 3. Independent Practice 	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
Thursday 2/1/24	<ol style="list-style-type: none"> 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. 	<ol style="list-style-type: none"> 1. Warm-up 2. Ch. 5.1 Notes <ul style="list-style-type: none"> - application problems 	<ol style="list-style-type: none"> 1. Class Participation 2. Independent Practice 	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
Friday 2/2/24	<ol style="list-style-type: none"> 1. Check solutions of systems of linear equations. 2. Solve systems of linear equations by graphing. 3. Use systems of linear equations to 	<ol style="list-style-type: none"> 1. Warm-up 2. 5.1 Exit Ticket 3. Student Journal p.135 	<ol style="list-style-type: none"> 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

	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 1/29/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions.	1. Lesson 3.1 Notes - Graph and Classify Systems of Linear Equations	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 1/30/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations using tables and graphs 3. Classify solutions.	1. Lesson 3.1 Notes - application problems 2. 3.1 Practice A/B	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 1/31/24	<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"> - solve systems using substitution 	<ol style="list-style-type: none"> 1. Class Participation 	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 2/1/24	<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"> - solve systems using substitution 2. Homework 	<ol style="list-style-type: none"> 1. Class Participation 	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 2/2/24	<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"> - solve systems using elimination 	<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 1/29/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. Lesson 4.1 Notes - graphing proportional relationships 3.4.1 Exit Ticket 4. Homework		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 1/30/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. Lesson 4.2 Notes - Describe slope 3. Types of Slope Worksheet	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 1/31/24	1. Use graphs to determine whether two ratios form a proportion. 2. Interpret graphs of proportional relationships.	1. Warm-up 2. Lesson 4.2 Notes - Find Slope of a Graph 3. Find Slope of a Graph Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 2/1/24	1. Use graphs to determine whether	1. Warm-up 2. Lesson 4.2 Notes	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.	- Graph data and interpret slope meaning			
Friday 2/2/24	1. Find the slopes of lines. 2. Interpret the slopes of lines as rates.	1. Warm-up 2. Lesson 4.2 Notes - Graph data and interpret slope meaning	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 1/29/24	1. Volume of cones, spheres, and cylinders	1. Volume of a Cylinder Notes	1. Class Participation 2. Quiz	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 1/30/24	1. Volume of cones, spheres, and cylinders	1. Volume of a Cylinder Notes	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 1/31/24	1. Volume of cones, spheres, and cylinders.	1. Cylinder Popcorn Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 2/1/24	1. Volume of cones, spheres, and cylinders.	1. Cylinder Popcorn Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 2/2/24	1. Volume of cones, spheres, and cylinders.	1. Volume of a Sphere Notes	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. **