

LESSON PLANS
May 13-17, 2024

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 5/13/24	1. Write equations in slope-intercept form	1. Write equations in slope-intercept form practice	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 5/14/24	1. Write equations in slope-intercept form	1. Review pages - Textbook p.144 #57-60 - Textbook p.162 #64-70 - Textbook p.180 #42-45	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 5/15/24	1. Write equations in slope-intercept form	1. Final Exam Study Guide	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 5/16/24	1. Write an equation of a line given its slope and a point on the line. 2. Write an equation of a line given two points on the line.	1. Final Exam Study Guide	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	3. Use linear equations to solve real-life problems.				
Friday 5/17/24	1. Write an equation of a line given its slope and a point on the line. 2. Write an equation of a line given two points on the line. 3. Use linear equations to solve real-life problems.	1. Final Exam Study Guide	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 (Period 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 5/13/24	1. Solve inequalities using addition and subtraction. 2. Tell whether a value is a solution. 3. Graph inequalities.	1. Ch. 5.1 Notes - ratios	1. Class participation 2. Independent Practice 3. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 5/14/24	1. Solve inequalities using multiplication and division.	1. Ch. 5.1 Notes - unit rates	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	2.Solve real-life problems.		2. Independent Practice		
Wednesday 5/15/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1. Final Exam Study Guide	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 5/16/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1. Final Exam Study Guide	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 5/17/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1. Final Exam Study Guide	1.Class Participation 2. Independent Practice	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 5/13/24	1. Determine the number of solutions to	1. Product and Quotient Exponent Properties Practice	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	<p>systems of linear equations.</p> <p>2. Use linear systems to solve real-life problems.</p>		3. Homework		
Tuesday 5/14/24	<p>1. Check solutions of system of linear inequalities.</p> <p>2. Graph systems of linear inequalities.</p> <p>3. Write systems of linear inequalities.</p> <p>4. Use systems of linear inequalities to solve real-life problems.</p>	<p>1. Product and Quotient Properties Quiz</p> <p>2. Review adding, subtracting, and multiplying polynomials</p>	<p>1. Class Participation</p> <p>2. Independent Practice</p> <p>3. Homework</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 5/15/24	<p>1. Check solutions of system of linear inequalities.</p> <p>2. Graph systems of linear inequalities.</p> <p>3. Write systems of linear inequalities.</p> <p>4. Use systems of linear inequalities to solve real-life problems.</p>	1. Algebra Keystone ~ No Class	<p>1. Class Participation</p> <p>2. Independent Practice</p> <p>3. Homework</p>	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Thursday 5/16/24	1.Check solutions of system of linear inequalities. 2.Graph systems of linear inequalities. 3.Write systems of linear inequalities. 4.Use systems of linear inequalities to solve real-life problems.	1. Algebra Keystone ~ No Class	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 5/17/24	1 Check solutions of system of linear inequalities. 2.Graph systems of linear inequalities. 3.Write systems of linear inequalities. 4.Use systems of linear inequalities to solve real-life problems.	1. Power of a Power Property	1.Class Participation 2. Independent Practice 3. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Algebra II (Period 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
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Monday 5/13/24	1. Explore properties of parabolas. 2. Find max/min values of quadratic functions 3. Graph quadratic functions using x-intercepts	1. Ch. 3.2 Notes - complex numbers	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
Tuesday 5/14/24	1. Explore properties of parabolas. 2. Find max/min values of quadratic functions 3. Graph quadratic functions using x-intercepts	1. Ch. 3.2 Notes - complex numbers	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
Wednesday 5/15/24	1. Explore properties of parabolas. 2. Find max/min values of quadratic functions 3. Graph quadratic functions using x-intercepts	1. Algebra Keystone ~ No Class	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
Thursday 5/16/24	1. Explore properties of parabolas. 2. Find max/min values of quadratic functions	1. Algebra Keystone ~ No Class	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

	3.Graph quadratic functions using x-intercepts				
Friday 5/17/24	1. Explore properties of parabolas. 2.Find max/min values of quadratic functions 3.Graph quadratic functions using x-intercepts	1. Final Exam Topics	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

Intro to Algebra (8) (Period 5)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 5/13/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Write linear equations in slope-intercept form		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 5/14/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Graph linear equations	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Wednesday 5/15/24	1. Determine whether a relation is a function. 2. Identify domain and range.	1. Graph linear equations	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 5/16/24	1. Determine whether a relation is a function. 2. Identify domain and range.	1. Linear Equation Word Problems	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 5/17/24	1. Determine whether a relation is a function. 2. Identify domain and range.	1. Final Exam Study Guide	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 5/13/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Finish Exponent Properties Worksheet 2. Add, subtract, multiply polynomials	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 5/14/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Measures of Dispersion 2. Box and Whisker Plots	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 5/15/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Probability of Compound Events	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 5/16/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Two-way tables	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 5/17/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Two-way tables	1. Class Participation	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. **