LESSON PLANS
Apr. 15-19, 2024

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 4/15/24	1. Write equations in slope-intercept form	1. Warm-up 2.Ch. 4.1 Notes -use points to write equations 3.Homework: Textbook p.179 #4-22 evens	1. Class Participation 2.Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 4/16/24	1. Write equations in slope-intercept form	1. Warm-up 2. Ch. 4.1 Notes - application problems 3. 4.1 Exit Ticket	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 4/17/24	1. Write equations in slope-intercept form	1. Warm-up 2. Student Journal p.99-100	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 4/18/24	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. Warm-up 2. Ch. 4.2 Notes - point-slope form 3. Homework: Textbook p.185 #3-10	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 4/19/24	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. Warm-up 2. Ch. 4.2 Notes - write equations in slope-intercept form	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 4/15/24	1. Solve inequalities using addition and subtraction. 2.Tell whether a value is a solution. 3. Graph inequalities.	1.Ch. 4.1-4.2 Quiz	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 4/16/24	1. Solve inequalities using multiplication and division.	1.7th Grade Field Trip ~ No Class	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 4/17/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1.Warm-up 2.Ch. 4.3 Notes - solve inequalities using multiplication and division (positive numbers)	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 4/18/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1. Warm-up 2. Ch. 4.3 Notes - solve inequalities using multiplication and division (negative numbers)	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 4/19/24	1. Solve inequalities using multiplication and division. 2.Solve real-life problems.	1.Warm-up 2.Solve inequalities using multiplication/division practice	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 4/15/24	1. Determine the number of	1. Warm-up 2. Ch. 5.6 Notes	1.Class Participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	solutions to systems of linear equations. 2.Use linear systems to solve real-life problems.	- application problems 3.5.6 Exit Ticket	2. Independent Practice 3. Homework		
Tuesday 4/16/24	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.Warm-up 2. Ch. 5.7 Notes - checking solutions 3.Homework: Textbook p.278 #3-10	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
Wednesday 4/17/24	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.Warm-up 2. Ch. 5.7 Notes -graph systems of linear inequalities	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

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Thursday 4/18/24	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.Warm-up 2. Ch. 5.7 Notes - graph systems of linear inequalities	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 4/19/24	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.Warm-up 2. Silly Story – Graphing Activity	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

Monday 4/15/24	1. Explore properties of parabolas. 2.Find max/min values of quadratic functions 3.Graph quadratic functions using x-intercepts	1. Textbook p.61 #4-12 evens	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 4/16/24	1.Explore properties of parabolas. 2.Find max/min values of quadratic functions 3.Graph quadratic functions using x-intercepts	1. Ch. 2.2 Notes -standard form	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 4/17/24	1. Explore properties of parabolas. 2.Find max/min values of quadratic functions 3.Graph quadratic functions using x-intercepts	1. Ch. 2.2 Notes -standard form 2. Homework: Textbook p.61 #22-30 evens	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 4/18/24	1. Explore properties of parabolas. 2.Find max/min values of quadratic functions	1. Ch. 2.2 Notes - intercept form	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 4/19/24	1. Explore properties of parabolas. 2.Find max/min values of quadratic functions 3.Graph quadratic functions using x-intercepts	1. Ch. 2.2 Notes - intercept form	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 4/15/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Warm-up 2.Function Notes - vertical line test 3.Functions Worksheet		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 4/16/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Warm-up 2.Domain and Range Notes	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

DAY	OBJECTIVES	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	
Wednesday 4/17/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Warm-up 2. Domain and Range Notes	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 4/18/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Warm-up 2. Function, Domain, and Range Worksheet	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 4/19/24	1. Determine whether a relation is a function. 2.Identify domain and range.	1.Warm-up 2. Function Notation Notes	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 4/15/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Study Island – Volume Asssignment	1.Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 4/16/24	1.Apply volume formulas of cones, cylinders, and spheres.	1. Transformers Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 4/17/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Transformations Notes - translation	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 4/18/24	1. Apply volume formulas of cones, cylinders, and spheres.	1. Transformations Notes - translation	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 4/19/24	1. Apply volume formulas of cones, cylinders, and spheres.	1.Transformations Notes - translation	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. **