

LESSON PLANS

October 9-13, 2023

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 10/9/23	1. Solve linear equations that have variables on both sides. 2. Identify special solutions of linear equations. 3. Use linear equations to solve real-life problems.	1. No School	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 10/10/23	1. Solve linear equations that have variables on both sides. 2. Identify special solutions of linear equations. 3. Use linear equations to solve real-life problems.	1. Warm-up 2. Textbook p.10 #58-63, p.18 #57-65, p.24 #41-44 Review	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 10/11/23	1. Solve linear equations that have	1. Warm-up problem 2. Ch. 1.4 Notes - Absolute Value	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	variables on both sides. 2. Identify special solutions of linear equations. 3. Use linear equations to solve real-life problems.				
Thursday 10/12/23	1. Solve linear equations that have variables on both sides. 2. Identify special solutions of linear equations. 3. Use linear equations to solve real-life problems.	1. Warm-up 2. Ch. 1.4 Notes - Absolute Value Equations	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 10/13/23	1. Solve linear equations that have variables on both sides. 2. Identify special solutions of linear equations. 3. Use linear equations to solve real-life problems.	1. Warm-up problem 2. Ch. 1.4 Notes - Absolute Value Equations	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 10/9/23	1.Add integers 2. Show that the sum of a number and its opposite is 0. 3. Solve real-life problems.	1. No School	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 10/10/23	1.Add integers 2. Show that the sum of a number and its opposite is 0. 3. Solve real-life problems.	1.Warm-up 2. Ch.1.4-1.5 Notes - application problems 3. 1.4-1.5 Exit Ticket	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 10/11/23	1. Subtract integers 2. Solve real-life problems.	1.Warm-up 2. Workbook p.18 & 22	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 10/12/23	1. Subtract integers 2. Solve real-life problems.	1.Warm-up 2. Ch. 1.4-1.5 Quiz Review	1.Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Friday 10/13/23	1. Subtract integers 2. Solve real-life problems.	1.Ch. 1.4-1.5 Quiz Review	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
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Algebra 1B (Period 3)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 10/9/23	1. Find the slope of a line 2. Use the slope-intercept form of a linear equation. 3. Use slopes and y-intercepts to solve real-life problems.	1. No School	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 10/10/23	1.Graph equations of horizontal and vertical lines. 2.Graph linear equations in standard form using intercepts. 3. Graph linear equations in	1. Warm-up 2. Student Journal p.95 Maintaining Mathematical Proficiency	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

	standard form to solve real-life problems.				
Wednesday 10/11/23	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Graph linear equations in standard form to solve real-life problems.	1. Warm-up problem 2. Ch. 4.1 Notes - use slopes and y-intercepts to write equations - use graph to write equations	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 10/12/23	1. Find the slope of a line 2. Use the slope-intercept form of a linear equation. 3. Use slopes and y-intercepts to solve real-life problems.	1. Warm-up problem 2. Ch. 4.1 Notes - use two points to write an equation	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 10/13/23	1. Find the slope of a line 2. Use the slope-intercept form of a linear equation. 3. Use slopes and y-intercepts to	1. Warm-up problem 2. Write equations in slope-intercept form worksheet	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 10/9/23	1. Simplify expressions using exponents 2. Use scientific notation	1. No School	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 10/10/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 2.1 Notes - linear equations	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 10/11/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 2.1 Notes - inequalities	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Thursday 10/12/23	1. Simplify expressions using exponents 2. Use scientific notation	1.2.1 Practice A/B Worksheets	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 10/13/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 2.2 Notes - Proportions	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 10/9/23	1. Simplify algebraic expressions	1. No school		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 10/10/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - Solve equations by distributing	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Wednesday 10/11/23	1.Simplify algebraic expressions	1. Warm-up 2. Solve equations Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/12/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - application problems 3. 1.5 Exit Ticket	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 10/13/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.3-1.5 Quiz Review	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 10/9/23	1. Apply volume formulas of cones, cylinders, and spheres.	1.No School			M07.D-S.2.1
Tuesday 10/10/23	1. Apply properties of geometric transformations to	1. Study Island Group Session	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

	verify congruence or similarity.				
Wednesday 10/11/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Transformations Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/12/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Dilation Notes	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 10/13/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Dilation 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. **