

# LESSON PLANS

## September 18-22, 2023

### Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 9/11/23	1. Solve multi-step equations using inverse operations	1. Warm-up 2. Ch. 1.2 Notes - Two-step equations 3. Homework: Textbook p.16 #3-10	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 9/12/23	1. Solve multi-step equations using inverse operations	1. Warm-up 2. Ch. 1.2 Notes - Combining like terms to solve equations	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 9/13/23	1. Solve multi-step equations using inverse operations	1. Warm-up problem 2. Ch. 1.2 Notes - Using structure to solve equations 3. Homework: Textbook p.16 #1, 11-14 all, 18-24 evens	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 9/14/23	1. Solve multi-step equations using inverse operations	1. Warm-up problem 2. Ch. 1.2 Notes - Application problems	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 9/15/23	1. Solve multi-step equations using inverse operations	1. Warm-up problem 2. 1.2 Exit Ticket 3. Student Journal p.10-11	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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## Intro to Algebra (7) (Period 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 9/11/23	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. 1.2 Note - Adding more than two integers - Real-world application	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 9/12/23	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. 1.2 Exit Ticket 3. Workbook p.10	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 9/13/23	1. Subtract integers 2. Solve real-life problems.	1.Warm-up 2. Workbook Activity p.11-13	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Thursday 9/14/23	1. Subtract integers 2. Solve real-life problems.	1. Warm-up 2. Ch. 1.3 Notes - Subtract integers	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 9/15/23	1. Subtract integers 2. Solve real-life problems.	1. Warm-up problem 2. Subtract integers practice	1. Class Participation 2. Homework	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 9/11/23	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 2. Ch. 3.5 Notes - Find slope given two points - Find slope from a table 3. Homework: Textbook p.141 #9-12,14	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

Tuesday 9/12/23	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 2. Find Slope Using Two Points Worksheet	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
Wednesday 9/13/23	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. 3.5 Notes - Slope-intercept form - Find slope and y-intercept 3. Homework: Textbook p.142 #15-21	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 9/14/23	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. Ch. 3.5 Notes - use slope-intercept form to graph	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

	solve real-life problems.				
Friday 9/15/23	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. Graph using 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

### Algebra II (Period 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 9/11/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 1.5 Notes - Simplify expressions using all exponent properties 2. Scientific Notation 3. Homework: p. 38 #10-20		Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 9/12/23	1. Simplify expressions using exponents	1.1.5 Worksheet	1. Class Participation 2. Exit Ticket 3. Pre-Test	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

	2.Use scientific notation				
Wednesday 9/13/23	1. Simplify expressions using exponents 2.Use scientific notation	1. 1.4-1.5 Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 9/14/23	1. Simplify expressions using exponents 2.Use scientific notation	1. Lesson 1.6 Notes - Domain and Range	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 9/15/23	1. Simplify expressions using exponents 2.Use scientific notation	1.Lesson 1.6 Notes - Function vs. Relation	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
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					<b>CORE STANDARDS</b>
Monday 9/11/23	1.Simplify algebraic expressions	1.Warm-up 2. 1.2 Exit Ticket 3. 1.1-1.2 Review	No School	No School	No School
Tuesday 9/12/23	1. Simplify algebraic expressions	1.1.1-1.2 Quiz	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 9/13/23	1.Simplify algebraic expressions	1. Warm-up 2.Lesson 1.3 Notes - solve one-step equations using addition and subtraction	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 9/14/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.4 Notes - solve one-step equations using multiplication and division	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 9/15/23	1. Simplify algebraic expressions	1. Warm-up 2. Solve one-step equations mixed practice	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)

<b>DAY</b>	<b>OBJECTIVES Students will be able to:</b>	<b>ACTIVITIES</b>	<b>ASSESSMENT</b>	<b>ACCOMMODATIONS</b>	<b>PA COMMON CORE STANDARDS</b>
Monday 9/11/23	1. Apply volume formulas of cones, cylinders, and spheres.	1.Study Island – Volume Assignment			M07.D-S.2.1
Tuesday 9/12/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1.Translation 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 9/13/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Reflection notes	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 9/14/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Rotation Discovery Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 9/15/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Rotation Notes	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1



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**\*\*Lesson plans or assignments may be altered at any time. \*\***