

# LESSON PLANS

## October 2-6, 2023

### Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 10/2/23	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. 1.3 Notes - Application Problems 3. Homework: Textbook p.23 #19-24	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 10/3/23	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. 1.3 Exit Ticket 3. Student Journal p.15-16	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 10/4/23	1. Solve linear equations that have	1. Warm-up problem 2. Ch. 1.1-1.3 Quiz Review	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 10/5/23	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. Ch. 1.1-1.3 Quiz	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 10/6/23	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)

<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 10/2/23	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. Multiply/Divide Integers Packet 3.Exit Slip	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 10/3/23	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 - using exponents - evaluating expressions	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 10/4/23	1. Subtract integers 2. Solve real-life problems.	1.Warm-up 2. Exponents and evaluating expressions worksheet	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 10/5/23	1. Subtract integers 2. Solve real-life problems.	1.Warm-up 2. Ch. 1.4-1.5 Notes - application problems	1.Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Friday 10/6/23	1. Subtract integers 2. Solve real-life problems.	1. Warm-up problem 2. 1.4-1.5 Exit Ticket 3. Workbook p.18 & 22	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 10/2/23	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. $y=mx+b$ worksheet 3. Student Journal p.83 #1-8	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 10/3/23	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. 3.5 Exit Ticket 3. Ch. 3.4-3.5 Study Guide	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 10/4/23	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. 3.4-3.5 Study Guide	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 10/5/23	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. Go over Study Guide	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 10/6/23	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. Ch. 3.4-3.5 Quiz	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)

<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 10/2/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 1.7 Notes - graphing functions 2. 1.7 Practice A/B Worksheets	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 10/3/23	1. Simplify expressions using exponents 2. Use scientific notation	1.1.6-1.7 Quiz Review	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 10/4/23	1. Simplify expressions using exponents 2. Use scientific notation	1.1.6-1.7 Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Thursday 10/5/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 2.1 Notes - Linear Equations	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 10/6/23	1. Simplify expressions using exponents 2. Use scientific notation	1. Lesson 2.1 Notes - Linear Equations	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 10/2/23	1. Simplify algebraic expressions	1. Warm-up 2. 1.4 Exit Ticket 3. Lesson 1.5 Notes - Two-step equations		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 10/3/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - Two-step equations 3. Homework: Two-step equations worksheet	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Wednesday 10/4/23	1.Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - solve equations by combining like terms	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/5/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - solve equations using structure	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 10/6/23	1. Simplify algebraic expressions	1. Warm-up 2. Lesson 1.5 Notes - solve equations using structure	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</b> Students will be able to:	<b>ACTIVITIES</b>	<b>ASSESSMENT</b>	<b>ACCOMMODATIONS</b>	<b>PA COMMON CORE STANDARDS</b>
Monday 10/2/23	1. Apply volume formulas of cones, cylinders, and spheres.	1.Rotation Notes			M07.D-S.2.1
Tuesday 10/3/23	1. Apply properties of geometric	1. Rotation Activity	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1



	transformations to verify congruence or similarity.		3. Pre-Test		
Wednesday 10/4/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Study Island Assignment	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/5/23	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
Friday 10/6/23	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. \*\*