

# LESSON PLANS

## October 16-20, 2023

### Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 10/16/23	1. Solve absolute value equations	1. Warm-up 2.Ch. 1.4 Notes - Absolute value equations 3.Student Journal p.20-21 #1-5	1. Class Participation 2.Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 10/17/23	1.Rewrite literal equations 2. Use literal equations to solve problems	1.Warm-up 2. Ch. 1.5 Notes - literal equations (solve for y) 3. Homework: Textbook p.40 #3-10	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 10/18/23	1. Rewrite literal equations 2. Use literal equations to solve problems	1.Warm-up problem 2. Ch. 1.5 Notes - literal equations (solve for x) 3.Homework: Textbook p.40 #13-18	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 10/19/23	1. Rewrite literal equations 2. Use literal equations to solve problems	1. Warm-up 2. Ch. 1.5 Notes - rewriting and using formulas	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Friday 10/20/23	1. Rewrite literal equations 2. Use literal equations to solve problems	1. Warm-up problem 2. Ch. 1.5 Notes - use other common formulas	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 10/16/23	1. Understand that a rational number is an integer divided by an integer 2. Convert rational numbers to decimals	1. Warm-up 2. Ch. 2.1 Notes - Write rational numbers as decimals	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 10/17/23	1. Understand that a rational number is an integer divided by an integer 2. Convert rational numbers to decimals	1. Warm-up 2. Write rational numbers as decimals worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Wednesday 10/18/23	1. Understand that a rational number is an integer divided by an integer 2. Convert rational numbers to decimals	1. Warm-up 2. Ch. 2.1 Notes - write a decimal as a fraction	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 10/19/23	1. Understand that a rational number is an integer divided by an integer 2. Convert rational numbers to decimals	1. Warm-up 2. Write decimals as fractions worksheet	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 10/20/23	1. Understand that a rational number is an integer divided by an integer 2. Convert rational numbers to decimals	1. Warm-up 2. Workbook p.23	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	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON
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	<b>Students will be able to:</b>				<b>CORE STANDARDS</b>
Monday 10/16/23	1. Write equations in slope-intercept form	1. Warm-up 2. Write equations in slope-intercept form worksheet 3. SJ p.99	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 10/17/23	1. Write equations in slope-intercept form	1. Warm-up 2. Ch. 4.1 Notes - write a linear function - application problems 3. Homework: Textbook p.179 #16-17,20-24 evens, 31	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 10/18/23	1. Write equations in slope-intercept form.	1. Warm-up problem 2. 4.1 Exit Ticket 3. SJ p.100	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 10/19/23	1. Write equations of lines in point-slope form	1. Warm-up problem 2. Ch. 4.2 Notes - point-slope form 3. Homework: Textbook p.185 ##2-10	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 10/20/23	1. Write equations of lines in point-slope form	1. Warm-up problem 2. Ch. 4.2 Notes - write equations in point-slope 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

## Algebra II (Period 4)

<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 10/16/23	1. Apply proportional relationships to rates, similarity, and scales.	1.Lesson 2.2 Notes - proportions with percents	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 10/17/23	1. Apply proportional relationships to rates, similarity, and scales.	1.Percents Packet	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 10/18/23	1. Apply proportional relationships to rates, similarity, and scales.	1.Lesson 2.2 Notes - rates - similar figures	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 10/19/23	1. Apply proportional relationships to rates, similarity, and scales.	1.Lesson 2.2 Notes - indirect measurement	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 10/20/23	1. Apply proportional relationships to	1. 2.2 Practice A/B	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

	rates, similarity, and scales.				
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### Intro to Algebra (8) (Period 5)

<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 10/16/23	1.Solve multi-step equations	1.Warm-up 2.Lesson 1.3-1.5 Quiz Review		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 10/17/23	1. Solve multi-step equations	1.1.3-1.5 Quiz	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 10/18/23	1. Write and graph inequalities	1. Warm-up 2. Lesson 2.1 Notes - write and graph inequalities	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/19/23	1. Write and graph inequalities	1. Warm-up 2. Lesson 2.1 Notes - write and graph inequalities	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 10/20/23	1. Write and graph inequalities	1.Warm-up 2. 2.1 Exit Ticket 3.Write and graph inequalities extra 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</b> Students will be able to:	<b>ACTIVITIES</b>	<b>ASSESSMENT</b>	<b>ACCOMMODATIONS</b>	<b>PA COMMON CORE STANDARDS</b>
Monday 10/16/23	1. Apply volume formulas of cones, cylinders, and spheres.	1.Dilation notes			M07.D-S.2.1
Tuesday 10/17/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Dilation Activity – Google Classroom	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 10/18/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Dilations – Study Island	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 10/19/23	1. Apply properties of geometric transformations to verify congruence or similarity.	1. Transformations Quiz #2	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 10/20/23	1. Apply properties of geometric transformations to	1. Similarity vs. Congruence Notes	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

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