

## LESSON PLANS

Mar. 4-8, 2024

### Algebra 1A (Period 1)

<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 3/4/24	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Use linear equations in standard form to solve real-life problems.	1. Warm-up 2. Slope Check-in 3. Ch. 3.5 Notes - slope-intercept form 4. Homework: Textbook p.142 #15-21,24	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 3/5/24	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Use linear equations in standard form to	1. Warm-up 2. Ch. 3.5 Notes - Graph equations using 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

	solve real-life problems.				
Wednesday 3/6/24	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Use linear equations in standard form to solve real-life problems.	1. Warm-up 2. Ch. 3.5 Notes - graph slope-intercept form 3. Homework: Graphing Worksheet	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 3/7/24	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Use linear equations in standard form to solve real-life problems.	1. Warm-up 2. Ch. 3.5 Notes - application problems 3. 3.5 Exit Ticket	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 3/8/24	1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts.	1. Warm-up 2. Student Journal p.83 #1-8	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	3. Use linear equations in standard form to solve real-life problems.				
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### 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 3/4/24	1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems.	1. Warm-up 2. Solve equations using reciprocals worksheet	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 3/5/24	1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems.	1. Warm-up 2. Ch. 3.4 Notes - writing equations - application problems	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 3/6/24	1. Write simple equations.	1. Warm-up 2. 3.4 Exit Ticket 3. workbook p.60	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	2. Solve equations using addition or subtraction. 3. Solve real-life problems.				
Thursday 3/7/24	1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems.	1. Warm-up 2. Mixed Review – Solve one-step equations practice	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 3/8/24	1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems.	1. Warm-up 2. Ch. 3.5 Notes - solve two-step equations	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)

<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 3/4/24	1. Check solutions of systems of linear equations.	1. Warm-up 2. SPM – Partner Activity 3. SPM Check-in	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

	<p>2. Solve systems of linear equations by graphing.</p> <p>3. Use systems of linear equations to solve real life problems.</p>				
<p>Tuesday 3/5/24</p>	<p>1. Check solutions of systems of linear equations.</p> <p>2. Solve systems of linear equations by graphing.</p> <p>3. Use systems of linear equations to solve real life problems.</p>	<p>1. Warm-up</p> <p>2. Ch. 5.3 Notes - solve systems using elimination</p> <p>.</p>	<p>1. Class Participation</p> <p>2. Homework</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>
<p>Wednesday 3/6/24</p>	<p>1. Check solutions of systems of linear equations.</p> <p>2. Solve systems of linear equations by graphing.</p> <p>3. Use systems of linear equations to solve real life problems.</p>	<p>1. Warm-up</p> <p>2. Solve Systems Using Elimination – Partner Activity</p>	<p>1. Class Participation</p> <p>2. Exit Ticket</p> <p>3. Independent Practice</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>
<p>Thursday 3/7/24</p>	<p>1. Solve systems of linear equations by substitution.</p>	<p>1. Warm-up</p> <p>2. Ch. 5.3 Notes</p>	<p>1. Class Participation</p>	<p>Individual students will be provided accommodations if mandated in their IEPs</p>	<p>HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2</p>

	2. Use systems of linear equations to solve real-life problems.	- solve systems using elimination	2.Independent Practice		
Friday 3/8/24	1.Solve systems of linear equations by substitution. 2. Use systems of linear equations to solve real-life problems.	1. Warm-up 2. Ch. 5.3 Notes - Solve systems using elimination	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 Students will be able to:</b>	<b>ACTIVITIES</b>	<b>ASSESSMENT</b>	<b>ACCOMMODATIONS</b>	<b>PA COMMON CORE STANDARDS</b>
Monday 3/4/24	1. Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots.	1.Ch.1.3 Notes - add and subtract like radicals 2.Square Roots Packet p.2	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Tuesday 3/5/24	1.Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots.	1. Finish Mixed Review – Simplifying Square Roots 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 3/6/24	1. Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots.	1. 1.3 Practice A/B	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 3/7/24	1. Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots.	1. Ch. 1.3 Quiz Review	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 3/8/24	1. Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots.	1. Ch. 1.3 Quiz	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)

<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 3/4/24	1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points.	1. Warm-up 2. Finish Solving Equations Review		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 3/5/24	1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points.	1. Warm-up 2. Pythagorean Theorem Notes	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 3/6/24	1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points.	1. Pythagorean Theorem Word Problems	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 3/7/24	1. Find slope from a graph using rise/run and slope formula.	1. Warm-up 2. Pythagorean Theorem – Partner Activity	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1



	2.Find slope given two points.				
Friday 3/8/24	1. Find slope from a graph using rise/run and slope formula. 2.Find slope given two points.	1.Warm-up 2. Pythagorean Theorem Scavenger Hunt	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 2/26/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Mixed Transformations Notes	1.Class Participation 2.Quiz	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 2/27/24	1. Transformations of geometric shapes (translations, reflections,	1. Transformations Practice	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

	rotations, and dilations)				
Wednesday 2/28/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.Google Slides – Mixed Transformations	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 2/29/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.Quiz Review	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 3/1/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.Quiz	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. \*\*