

## LESSON PLANS

Mar. 24-28, 2025

### Algebra 1A (Period 1 & 5)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 3/24/25	1. Evaluate functions using function notation. 2. Interpret statements that use function notation. 3. Graph functions represented using function notation.	1. Warm-up 2. Ch. 3.4 Notes - interpret function notation 3. Homework: Textbook p.139 #2-6 even, 9	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 3/25/25	1. Evaluate functions using function notation. 2. Interpret statements that use function notation. 3. Graph functions represented using function notation.	1. Warm-up 2. Ch. 3.4 Notes -solve for x (algebraically and graphically) 3. Homework: Textbook p.139 #12,14,16-18	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 3/26/25	1. Evaluate functions using function notation.	1. Warm-up 2. Ch. 3.4 Notes - graph linear functions	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	2. Interpret statements that use function notation. 3. Graph functions represented using function notation.				
Thursday 3/27/25	1. Evaluate functions using function notation. 2. Interpret statements that use function notation. 3. Graph functions represented using function notation.	1. Warm-up 2. Ch. 3.4 Notes - application problems	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 3/28/25	1. Evaluate functions using function notation. 2. Interpret statements that use function notation. 3. Graph functions represented using function notation.	1. Warm-up 2. 3.4 Exit Ticket 3. Workbook p.45	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 3/24/25	1. Explain how to apply the Distributive Property. 2. Use the Distributive Property to simplify algebraic expressions.	1. Warm-up 2. Ch. 3.3 Notes - application problems 3. Workbook p.62	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 3/25/25	1. Explain how to apply the Distributive Property. 2. Use the Distributive Property to simplify algebraic expressions.	1. Warm-up 2. Workbook p.62 3. 3.3 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 3/26/25	1. Identify the greatest common factor of terms, including variable terms. 2. Use the Distributive Property to factor algebraic expressions.	1. Warm-up 2. Ch. 3.4 Notes - Factor out gcf	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	3. Write a term as a product involving a given factor.				
Thursday 3/27/25	1. Identify the greatest common factor of terms, including variable terms. 2. Use the Distributive Property to factor algebraic expressions. 3. Write a term as a product involving a given factor.	1. Warm-up 2. C. 3.4 Notes - Factor out a negative number	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 3/28/25	1. Identify the greatest common factor of terms, including variable terms. 2. Use the Distributive Property to factor algebraic expressions. 3. Write a term as a product involving a given factor.	1. Warm-up 2. Factoring Practice	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

## 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 3/24/25	<ol style="list-style-type: none"> <li>1. Use properties of parabolas to graph quadratic functions.</li> <li>2. Identify characteristics of quadratic functions and their graphs.</li> <li>3. Use characteristics of quadratic functions to solve real-life problems.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ch. 2.2 Notes               <ul style="list-style-type: none"> <li>- application problems</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Class Participation</li> </ol>	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 3/25/25	<ol style="list-style-type: none"> <li>1. Use properties of parabolas to graph quadratic functions.</li> <li>2. Identify characteristics of quadratic functions and their graphs.</li> <li>3. Use characteristics of</li> </ol>	<ol style="list-style-type: none"> <li>1. Workbook p.17</li> </ol>	<ol style="list-style-type: none"> <li>1. Class Participation</li> <li>2. Exit Ticket</li> <li>3. Pre-Test</li> </ol>	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

	quadratic functions to solve real-life problems.				
Wednesday 3/26/25	1. Use properties of parabolas to graph quadratic functions. 2. Identify characteristics of quadratic functions and their graphs. 3. Use characteristics of quadratic functions to solve real-life problems.	1. 2.2 Exit Ticket	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 3/27/25	1. Factor polynomial expressions	1. Factoring Notes - GCF	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 3/28/25	1. Factor polynomial expressions	1. Factoring Notes - GCF	1. Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

## 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 3/24/25	1. Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Rotation Notes	1. Class Participation 2. Quiz	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 3/25/25	1. Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Rotation 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 3/26/25	1. Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Rotation Practice	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 3/27/25	1. Transformations of geometric shapes (translations, reflections,	1. Rotations p.29-32	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

	rotations, and dilations)				
Friday 3/28/25	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.Sequence of Transformations Google Slides	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. \*\*