

**LESSON PLANS**  
**Mar. 18-22, 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 3/18/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Pythagorean Theorem Partner Practice	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 3/19/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Converse of Pythagorean Theorem	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 3/20/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Converse of Pythagorean Theorem	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 3/21/24	1. Solve problems involving right	1. Lesson 1-2 Quiz	1. Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

	triangles by applying the Pythagorean Theorem.				
Friday 3/22/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Find Distance Between Two Points	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 3/18/24	1. Solve two-step equations. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.5 Notes - combine like terms - application problems	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	
Tuesday 3/19/24	1. Solve two-step equations. 2. Solve real-life problems.	1. Warm-up 2. 3.5 Exit Ticket 3. Workbook p.64	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Wednesday 3/20/24	1. Solve two-step equations. 2. Solve real-life problems.	1. Warm-up 2. Review solving mixed equations (one step and two step)	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 3/21/24	1. Solve two-step equations. 2. Solve real-life problems.	1. Warm-up 2. Ch. 3.3-3.5 Quiz Review	1. Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 3/22/24	1. Solve two-step equations. 2. Solve real-life problems.	1. Ch. 3.3-3.5 Quiz	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 3/18/24	1. Check solutions of systems of linear equations. 2. Solve systems of linear equations by graphing. 3. Use systems of linear equations to	1. Warm-up 2. Ch. 5.3 Notes - application problems 3. 5.3 Exit Ticket	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

	solve real life problems.				
Tuesday 3/19/24	<ol style="list-style-type: none"> <li>1. Check solutions of systems of linear equations.</li> <li>2. Solve systems of linear equations by graphing.</li> <li>3. Use systems of linear equations to solve real life problems.</li> </ol>	<ol style="list-style-type: none"> <li>1. Warm-up</li> <li>2. Solve systems using elimination (all methods)</li> </ol> Slides Activity	<ol style="list-style-type: none"> <li>1. Class Participation</li> <li>2. Homework</li> </ol>	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 3/20/24	<ol style="list-style-type: none"> <li>1. Check solutions of systems of linear equations.</li> <li>2. Solve systems of linear equations by graphing.</li> <li>3. Use systems of linear equations to solve real life problems.</li> </ol>	<ol style="list-style-type: none"> <li>1. Warm-up</li> <li>2. Solve systems using elimination (all methods)</li> </ol> Slides Activity	<ol style="list-style-type: none"> <li>1. Class Participation</li> <li>2. Exit Ticket</li> <li>3. Independent Practice</li> </ol>	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 3/21/24	<ol style="list-style-type: none"> <li>1. Solve systems of linear equations by substitution.</li> <li>2. Use systems of linear equations to solve real-life problems.</li> </ol>	<ol style="list-style-type: none"> <li>1. Warm-up</li> <li>2. Ch. 5.4 Notes - special solutions</li> <li>3. Homework: Textbook p.257 #10-16 evens</li> </ol>	<ol style="list-style-type: none"> <li>1. Class Participation</li> <li>2. Independent Practice</li> </ol>	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 3/22/24	1. Solve systems of linear equations by substitution. 2. Use systems of linear equations to solve real-life problems.	1. Warm-up 2. Ch. 5.4 Notes - special solutions	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
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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 3/18/24	1. Factor polynomial expressions	1. Factoring Notes - Difference of Two Squares w/ GCF	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 3/19/24	1. Factor polynomial expressions	1. Factoring Notes - GCF and Difference of Two Squares	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 3/20/24	1. Factor polynomial expressions	1. Factoring Notes - Guess and Check	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Thursday 3/21/24	1. Factor polynomial expressions	1. Factoring Notes - Guess and Check	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 3/22/24	1. Factor polynomial expressions	1. Factoring Notes - Mixed Review	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 3/18/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Distance Formula Notes		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 3/19/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Distance Formula Practice	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Wednesday 3/20/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Find distance between two points	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 3/21/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Pythagorean Theorem 3D Objects	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 3/22/24	1. Solve problems involving right triangles by applying the Pythagorean Theorem.	1. Warm-up 2. Pythagorean Theorem 3D Objects	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)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON
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Monday 3/18/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Similarity and Congruence Notes 2.Study Island Assignment	1.Class Participation 2.Quiz	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Tuesday 3/19/24	1. Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1. Study Island Assignment	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 3/20/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.p.41-42 Test Review	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 3/21/24	1.Transformations of geometric shapes (translations, reflections, rotations, and dilations)	1.Transformations, Congruence, Similarity Test	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 3/22/24	1.Transformations of geometric shapes (translations, reflections,	1.Study Island Post-Test	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1



	rotations, and dilations)				
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\*\*Lesson plans or assignments may be altered at any time. \*\*