

LESSON PLANS
February 19-23, 2024

Algebra 1A (Period 1)

| DAY | OBJECTIVES Students will be able to: | ACTIVITIES | ASSESSMENT | ACCOMMODATIONS | PA COMMON CORE STANDARDS |
|--------------------|---|---|---------------------------------------|---|---------------------------------|
| Monday 2/26/24 | 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. Student Journal p.77-78 3. 3.4 Exit Ticket | 1. Class Participation 2. Homework | Individual students will be provided accommodations if mandated in their IEPs | CC.2.1.7.E.1 |
| Tuesday 2/27/24 | 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 - describe and find slope of a line | 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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| <p>Wednesday 2/28/24</p> | <p>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.</p> | <p>1. Warm-up 2. Types of Slope Worksheet 3. Find Slope of a Line Worksheet</p> | <p>1. Class Participation 2. Homework</p> | <p>Individual students will be provided accommodations if mandated in their IEPs</p> | <p>CC.2.1.7.E.1</p> |
| <p>Thursday 2/29/24</p> | <p>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.</p> | <p>1. Warm-up 2. Ch. 3.5 Notes - find slope given two points, from a table</p> | <p>1. Class participation</p> | <p>Individual students will be provided accommodations if mandated in their IEPs</p> | <p>CC.2.1.7.E.1</p> |
| <p>Friday 3/1/24</p> | <p>1. Graph equations of horizontal and vertical lines. 2. Graph linear equations in standard form using intercepts. 3. Use linear equations in</p> | <p>1. Warm-up 2. Find Slope Review Packet</p> | <p>1. Class Participation 2. Homework</p> | <p>Individual students will be provided accommodations if mandated in their IEPs</p> | <p>CC.2.1.7.E.1</p> |

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| | standard form to solve real-life problems. | | | | |
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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 2/26/24 | 1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems. | 1. Warm-up 2. Ch. 3.3 Notes - application problems 3. 3.3 Exit Ticket | Class Participation 2. Independent Practice | Individual students will be provided accommodations if mandated in their IEPs | |
| Tuesday 2/27/24 | 1. Write simple equations. 2. Solve equations using addition or subtraction. 3. Solve real-life problems. | 1. Warm-up 2. Workbook p.56 | 1. Class Participation 2. Homework | Individual students will be provided accommodations if mandated in their IEPs | CC.2.1.7.E.1 |
| Wednesday 2/28/24 | 1. Write simple equations. 2. Solve equations using addition or subtraction. | 1. Warm-up 2. Ch. 3.4 Notes - Solve one-step equations using | 1. Class Participation 2. Independent Practice | Individual students will be provided accommodations if mandated in their IEPs | CC.2.1.7.E.1 |

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| | 3.Solve real-life problems. | multiplication and division 3. Homework: One-Step Equations Worksheet | | | |
| Thursday 2/29/24 | 1. Write simple equations. 2. Solve equations using addition or subtraction. 3.Solve real-life problems. | 1. Warm-up 2. Ch. 3.3 Notes - solve equations using reciprocals | 1.Class Participation 2. Exit Slip | Individual students will be provided accommodations if mandated in their IEPs | CC.2.1.7.E.1 |
| Friday 3/1/24 | 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 | 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 Students will be able to: | ACTIVITIES | ASSESSMENT | ACCOMMODATIONS | PA COMMON CORE STANDARDS |
|-------------------|--|--|---------------------------------------|---|--|
| Monday 2/26/24 | 1. Check solutions of systems of linear equations. | 1.Warm-up 2.5.2 Exit Ticket 3. Student Journal p.140-141 #1,2,7,11,19 | 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 |

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| | <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 2/27/24</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. 5.1-5.2 Stations Quiz Review</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 2/28/24</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. 5.1-5.2 Stations Quiz Review</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 2/29/24</p> | <p>1. Solve systems of linear equations by substitution.</p> | <p>1. Ch. 5.1-5.2 Quiz</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,</p> |

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| | 2. Use systems of linear equations to solve real-life problems. | | 2.Independent Practice | | HSF-LE.A.1b, HSF-LE.A.2 |
| Friday 3/1/24 | 1.Solve systems of linear equations by substitution. 2. Use systems of linear equations to solve real-life problems. | 1. Warm-up 2. SPM Partner Activity | 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)

| DAY | OBJECTIVES Students will be able to: | ACTIVITIES | ASSESSMENT | ACCOMMODATIONS | PA COMMON CORE STANDARDS |
|-------------------|--|---------------------------------------|------------------------|---|---------------------------------|
| Monday 2/26/24 | 1. Estimate square roots. 2.Simplify, add, subtract, multiply, and divide square roots. | 1. Finish Square Roots Packet p.1 & 3 | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | HSA-CED.A.2 |

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| Tuesday 2/27/24 | 1. Estimate square roots. 2. Simplify, add, subtract, multiply, and divide square roots. | 1. Ch. 1.3 Notes - rationalizing the denominator 2. Homework: 6 Questions Worksheet | 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 2/28/24 | 1. Estimate square roots. 2. Simplify, add, subtract, multiply, and divide square roots. | 1. Rationalize the Denominator Worksheet | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | HSA-CED.A.2 |
| Thursday 2/29/24 | 1. Estimate square roots. 2. Simplify, add, subtract, multiply, and divide square roots. | 1. Ch. 1.3 Notes - add and subtract radicals | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | HSA-CED.A.2 |
| Friday 3/1/24 | 1. Estimate square roots. 2. Simplify, add, subtract, multiply, and divide square roots. | 1. Add and Subtract Radicals Practice | 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 2/26/24 | 1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points. | 1. Warm-up 2. Find and Interpret Slope from a Table Worksheet | | Individual students will be provided accommodations if mandated in their IEPs | No School |
| Tuesday 2/27/24 | 1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points. | 1. Warm-up 2. 4.3 Slope Review | 1. Class Participation 2. Independent Practice | Individual students will be provided accommodations if mandated in their IEPs | M07.D-S.2.1 |
| Wednesday 2/28/24 | 1. Find slope from a graph using rise/run and slope formula. 2. Find slope given two points. | 1.4.3 Quiz | 1. Class Participation 2. Homework | Individual students will be provided accommodations if mandated in their IEPs | M07.D-S.2.1 |
| Thursday 2/29/24 | 1. Find slope from a graph using rise/run and slope formula. | 1. Warm-up 2. Lesson 5.1 Notes - identify functions | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | M07.D-S.2.1 |

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| | 2.Find slope given two points. | | | | |
| Friday 3/1/24 | 1. Find slope from a graph using rise/run and slope formula. 2.Find slope given two points. | 1.Warm-up 2. Lesson 5.1 Notes - identify functions | 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 CORE STANDARDS |
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| Monday 2/26/24 | 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 2/27/24 | 1. Transformations of geometric shapes (translations, reflections, | 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 |

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| | rotations, and dilations) | | | | |
| Wednesday 2/28/24 | 1.Transformations of geometric shapes (translations, reflections, rotations, and dilations) | 1.Rotation Partner Practice | 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.Rotation Worksheet | 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.Rotation Practice | 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. **