

**LESSON PLANS**  
**May 13-17, 2024**

**Algebra 1 (Periods 1 and 2)**

| <b>DAY</b> | <b>OBJECTIVES<br/>Students will<br/>be able to:</b>  | <b>ACTIVITIES</b>   | <b>ASSESSMENT</b>                     | <b>ACCOMMODATIONS</b>   | <b>PA COMMON<br/>CORE<br/>STANDARDS</b> |
|------------|--|---|---------------------------------------|---|---|
| Monday     | 1. Factor polynomials using GCF.<br>2. Factor $x^2+bx+c$ .<br>3. Use factorinog to solve real-life problems. | 1. Algebra 1 Keystone Review.<br>2. Go over homework.<br>3. Model and practice factoring $x^2+bx+c$ when $c$ is positive.<br>4. Model and practice factoring $x^2+bx+c$ when $b$ is negative but $c$ is positive.<br>5. Model and practice factoring $x^2+bx+c$ when $c$ is negative.<br>6. Assign Textbook Pg. 389 4-24 even | 1. Homework<br>2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7                           |
| Tuesday    | 1. Factor polynomials using GCF.<br>2. Factor $x^2+bx+c$ .<br>3. Use factorinog to solve real-life problems. | 1. Algebra 1 Keystone Review.<br>2. Go over homework.<br>3. Finish factoring notes.   | 1. Homework<br>2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7                           |

|           |   |  |   |   |                            |
|-----------|---|--|---|---|----------------------------|
| Wednesday | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing   | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing |
| Thursday  | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing   | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing |
| Friday    | <ul style="list-style-type: none"> <li>1. Factor the difference of two squares.</li> <li>2. Factor perfect square trinomials.</li> <li>3. Use factoring to solve real-life problems.</li> </ul> | <ul style="list-style-type: none"> <li>1. Start 7.7 Notes on Factoring Special Types of Trinomials.</li> <li>2. Assign Textbook Pg. 401 4-24 even</li> </ul> | <ul style="list-style-type: none"> <li>1. Homework</li> <li>2. Class Participation</li> </ul> | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7              |

**CP Algebra II (Periods 3 and 4)**

| <b>DAY</b> | <b>OBJECTIVES<br/>Students will<br/>be able to:</b>   | <b>ACTIVITIES</b>   | <b>ASSESSMENT</b>                     | <b>ACCOMMODATIONS</b>   | <b>PA COMMON<br/>CORE<br/>STANDARDS</b> |
|------------|---|---|---------------------------------------|---|---|
| Monday     | 1. Add and subtract polynomials.<br>2. Multiply polynomials.<br>3. Use Pascal's Triangle to expand binomials. | 1. Go over homework assignment.<br>2. Continue 4.2 Notes.<br>3. Assign Textbook Pg. 170 18-32 even. | 1. Homework<br>2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7<br>CC.2.2.HS.D.10         |
| Tuesday    | 1. Add and subtract polynomials.<br>2. Multiply polynomials.<br>3. Use Pascal's Triangle to expand binomials. | 1. Finish 4.2 Notes.<br>2. Complete Student Journal 4.2 and 4.2 Exit ticket.                        | 1. Homework<br>2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7<br>CC.2.2.HS.D.10         |
| Wednesday  | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing            | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing              |

|          |  |  |                                       |   |                                 |
|----------|--|--|---------------------------------------|---|---------------------------------|
| Thursday | Algebra 1 Keystone Testing                               | Algebra 1 Keystone Testing               | Algebra 1 Keystone Testing            | Algebra 1 Keystone Testing  | Algebra 1 Keystone Testing      |
| Friday   | 1.Incorporates all of the objectives from CP Algebra II. | 1.Complete the Final Exam Review Packet. | 1. Homework<br>2. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.2.HS.D.7<br>CC.2.2.HS.D.10 |

**Pre-Algebra (Periods 5 and 6)**

| <b>DAY</b> | <b>OBJECTIVES<br/>Students will be able to:</b>   | <b>ACTIVITIES</b>   | <b>ASSESSMENT</b>  | <b>ACCOMMODATIONS</b>   | <b>PA COMMON CORE STANDARDS</b> |
|------------|---|---|--|---|---------------------------------|
| Monday     | <ol style="list-style-type: none"><li>1. Understand the concept of probability and the relationship between probability and likelihood.</li><li>2. Find probabilities of events.</li><li>3. Find relative frequencies.</li><li>4. Use experimental probabilities to make predictions.</li><li>5. Use theoretical probabilities to find quantities.</li><li>6. Compare experimental and theoretical probabilities.</li></ol> | <ol style="list-style-type: none"><li>1. Start 10.3 Experimental and Theoretical Probability.</li><li>2. Assign Textbook Pg. 417 6-28 even.</li></ol> | <ol style="list-style-type: none"><li>1. Homework</li><li>2. Class Participation</li></ol> | Individual students will be provided accommodations if mandated in their IEPs | CC.2.4.7.B.3                    |

|           |  |  |   |   |              |
|-----------|--|--|---|---|--------------|
| Tuesday   | <ol style="list-style-type: none"> <li>1. Understand the concept of probability and the relationship between probability and likelihood.</li> <li>2. Find probabilities of events.</li> <li>3. Find relative frequencies.</li> <li>4. Use experimental probabilities to make predictions.</li> <li>5. Use theoretical probabilities to find quantities.</li> <li>6. Compare experimental and theoretical probabilities.</li> </ol> | <ol style="list-style-type: none"> <li>1. Go over the homework.</li> <li>2. Complete 10.3 Student Journal and 10.3 Exit Ticket.</li> </ol> | <ol style="list-style-type: none"> <li>1. Homework</li> <li>2. Class Participation</li> <li>3. Exit Ticket</li> </ol> | Individual students will be provided accommodations if mandated in their IEPs | CC.2.4.7.B.3 |
| Wednesday | <ol style="list-style-type: none"> <li>1. Use tree diagrams, tables, or a formula to find the number of possible outcomes.</li> <li>2. Find probabilities of compound events.</li> </ol>   | <ol style="list-style-type: none"> <li>1. Start 10.4 Compound Events Notes.</li> <li>2. Assign Textbook Pg. 425-426 4-24 even</li> </ol>   | <ol style="list-style-type: none"> <li>1. Homework</li> <li>2. Class Participation</li> </ol>                         | Individual students will be provided accommodations if mandated in their IEPs | CC.2.4.7.B.3 |

|          |  |   |  |   |              |
|----------|--|---|--|---|--------------|
| Thursday | <p>1. Use tree diagrams, tables, or a formula to find the number of possible outcomes.</p> <p>2. Find probabilities of compound events.</p>      | <p>1. Go over homework assignment.</p> <p>2. Finish 10.4 Notes.</p> <p>3. Complete Student Journal Pg. 224</p> <p>4. Complete 10.4 Exit Ticket.</p> | <p>1. Homework</p> <p>2. Class Participation</p> <p>3. Exit Ticket</p> | Individual students will be provided accommodations if mandated in their IEPs | CC.2.4.7.B.3 |
| Friday   | <p>1. Understand the concept of probability and the relationship between probability and likelihood.</p> <p>2. Find probabilities of events.</p> | <p>1. Go over homework.</p> <p>2. Complete a Kahoot Review Activity.</p>  | <p>1. Homework</p> <p>2. Class Participation</p>                       | Individual students will be provided accommodations if mandated in their IEPs | CC.2.4.7.B.3 |

**Math Strategies (Period 8)**

| <b>DAY</b> | <b>OBJECTIVES<br/>Students will be able to:</b>   | <b>ACTIVITIES</b>  | <b>ASSESSMENT</b>      | <b>ACCOMMODATIONS</b>   | <b>PA<br/>COMMON<br/>CORE<br/>STANDARDS</b> |
|------------|---|--|------------------------|---|---|
| Monday     | 1. Visualize and represent geometric figures and describe the relationships between them.                   | 1. Complete the Triangles Study Island assignment.   | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.2                                |
| Tuesday    | 1. Visualize and represent geometric figures and describe the relationships between them.                   | 1. Complete Triangles Kahoot Review.   | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.2                                |
| Wednesday  | 1. Visualize and represent geometric figures and describe the relationships between them.                   | 1. Take Triangles Quiz.  | 1. Quiz                | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.2                                |
| Thursday   | 1. Find the area and circumference of a circle. Solve problems involving area and circumference of circles. | 1. Go over Triangles Quiz.<br>2. Watch Area and Circumference of Circles Video.<br>3. Model and practice solving area and circumference of circles problems. | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.1                                |
| Friday     | 1. Find the area and circumference of a circle. Solve problems involving                                    | 1. Continue practicing solving circle area and circumference problems.   | 1. Class Participation | Individual students will be provided accommodations if mandated in their IEPs | CC.2.3.7.A.1                                |



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|  | area and<br>circumference of<br>circles. |  |  |  |  |
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