|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard(s)**:  AA.FGR.5 Extend exploration of quadratic solutions to include real and non-real numbers and explore how these numbers behave under familiar operations and within real-world situations; create polynomial expressions, solve polynomial equations, graph polynomial functions, and model real-world phenomena.  **Assessment: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None** | | | | | | | |
|  | **Pre-Teaching**  *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  **Learning Target**    **Success Criteria 1**    **Success Criteria 2** | **Activation of Learning**  *(5 min)* | **Focused Instruction**  *(10 min)*  ***\*I DO*** | **Guided Instruction**  *(10 min)*  ***\*WE DO*** | **Collaborative**  **Learning**  *(10 min)*  ***\*Y’ALL DO*** | **Independent Learning**  *(10 min)*  ***\*YOU DO*** | **Closing**  *(5 min)* |
| * Do Now * Quick Write\* * Think/Pair/Share * Polls * Notice/Wonder * Number Talks * Engaging Video * Open-Ended Question | * Think Aloud * Visuals * Demonstration * Analogies\* * Worked Examples * Nearpod Activity * Mnemonic Devices\* | * Socratic Seminar \* * Call/Response * Probing Questions * Graphic Organizer * Nearpod Activity * Digital Whiteboard | * Jigsaw\* * Discussions\* * Expert Groups * Labs * Stations * Think/Pair/Share * Create Visuals * Gallery Walk | * Written Response\* * Digital Portfolio * Presentation * Canvas Assignment * Choice Board * Independent Project * Portfolio | * Group Discussion * Exit Ticket * 3-2-1 * Parking Lot * Journaling\* * Nearpod |
| **Monday 02-03-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to add/subtract/multiply complex numbers.  I can add/subtract/multiply complex numbers. | Bell-ringer/Do Now Activity  What do you know about complex numbers?  Have you heard that term before? | Work Examples and  Visuals  Teacher will review and give examples of adding/subtracting/multiplying complex numbers. | Guided notes/video/Power point  Students will take notes on adding/subtracting/multi-plying complex numbers | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What did you learn about adding/subtracting/multiplying complex numbers?  Problem(s) on board to solve |
| **Tuesday 02-04-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to add/subtract/multiply complex numbers.  I can add/subtract/multiply complex numbers. | Bell-ringer/Do Now Activity  What do you remember about complex numbers from yesterday’s lesson?  Complex numbers problems on board for students to solve. | Work Examples and  Visuals  Teacher will review and give examples of adding/subtracting/multiplying complex numbers. | Guided notes/video/Power point  Students will take notes on adding/subtracting/multi-plying complex numbers | Practice Problems  Think/Pair/Share, Gallery Walk, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What did you learn about adding/subtracting/multiplying complex numbers?  Problem(s) on board to solve |
| **Wednesday 02-05-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.    I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now Activity  Reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.  Choice problems will be on the board for students to solve. | Work Examples and  Visuals  Teacher will do a review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power point  Students will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What questions do you have about solving quadratics using square roots and factoring, add/subtract/multi-ply complex number problems? |
| **Thursday 02-06-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.  I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now Activity  Final review of previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.  Choice problems will be on the board for students to solve. | Work Examples and  Visuals  Teacher will do a final review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power point  Students will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What questions do you still have about solving quadratics using square roots and factoring, add/subtract/multi-ply complex number problems? |
| **Friday 02-07-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.  I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now Activity  Are there any questions you still have before taking the Unit 4 assessments?  Choice problems will be on the board for students to solve. | Work Examples and Visuals  Teacher will do a final review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power point  Students will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems on the Unit 4 assessment. | Practice Problems  Think/Pair/Share, Discussions  Students will start taking their Unit 4 assessment. | Practice Handout/worksheet  Students are still taking their Unit 4 assessment. | Group Discussion/Exit Ticket  Students will turn in their Unit 4 assessment. |

*\*key literacy strategy*