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| **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
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| **Monday** **01-20-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  MLK Holiday    |
| **Tuesday****01-21-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*PowerUp Asynchronous Learning Day |
| **Wednesday 01-22-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for an assessment on solving quadratics using square roots and factoring.I can show what I have previously learned for an assessment on solving quadratics using square roots and factoring. | Bell-ringer/Do Now ActivityReview problems, solving quadratics using square roots and factoring | Work Examples andVisuals Teacher will review and give examples of solving quadratics using square roots and factoring. | Guided notes/video/Power pointStudents will review and ask/answer questions about their notes on solving quadratics using square roots and factoring | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat additional thing(s) did you learn about solving quadratics using square roots and factoring? |
| **Thursday 01-23-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for an assessment on solving quadratics using square roots and factoring. I can show what I have previously learned for an assessment on solving quadratics using square roots and factoring. | Bell-ringer/Do Now ActivityReview problems, solving quadratics using square roots and factoring for quiz. | Work Examples andVisuals Teacher will review and give examples of solving quadratics by square root/factoring. | Guided notes/video/Power pointStudents will review/use notes on solving quadratics by square root/factoring to take their quiz. | Practice ProblemsThink/Pair/Share, Discussions Students are taking a quiz.  | Practice Handout/worksheetStudents are taking a quiz. | Group Discussion/Exit TicketStudents will turn in their quiz. |
| **Friday 01-24-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to define/use complex numbers with square roots. I can define/use complex numbers with square roots. | Bell-ringer/Do Now ActivityWhat are complex numbers?Recall what you remember about square roots. | Work Examples and Visuals Teacher will give examples of solving problems using complex numbers with square roots. | Guided notes/video/Power pointStudents will take notes on solving problems using complex numbers with square roots. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with a partner solving problems using complex numbers with square roots. | Practice Handout/worksheetStudents will work independently solving problems using complex numbers with square roots. | Group Discussion/Exit TicketWhat did you learn about solving problems using complex numbers with square roots? |

*\*key literacy strategy*