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| **Standard(s)**:  AA.FGR.4: Explore and analyze structures and patterns for radical functions and use radical expressions, equations, and functions to model real-life 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**  **12-02-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m am learning to rewrite radical expressions as expressions with rational exponents.  I can rewrite radical expressions as expressions with rational exponents. | Bell-ringer/Do Now Activity  What do you remember about solving problems with exponents in algebra? | Work Examples and  Visuals  Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents. | Guided notes/video/Power point  Students will take notes on rewriting radical expressions as expressions with rational exponents. | 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 rewriting radical expressions as expressions with rational exponents? |
| **Tuesday**  **12-03-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m am learning to rewrite radical expressions as expressions with rational exponents.  I can rewrite radical expressions as expressions with rational exponents. | Bell-ringer/Do Now Activity  Students will work problem(s) learned from yesterday’s lesson. | Work Examples and  Visuals  Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents. | Guided notes/video/Power point  Students will take notes on rewriting radical expressions as expressions with rational exponents. | 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 rewriting radical expressions as expressions with rational exponents? |
| **Wednesday**  **12-04-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m am learning to solve radical equations    I can solve radical equations. | Bell-ringer/Do Now Activity  What do you know, if anything about radicals? | Work Examples and  Visuals  Teacher will give examples of how to solve radical equations | Guided notes/video/Power point  Students will take notes on solving radical equations | 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 solving radical equations? |
| **Thursday**  **12-05-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m am learning to solve radical equations  I can solve radical equations. | Bell-ringer/Do Now Activity  Students will solve problem(s) with radical equations? | Work Examples and  Visuals  Teacher will give examples of how to solve radical equations | Guided notes/video/Power point  Students will take notes on solving radical equations | 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 solving radical equations? |
| **Friday**  **12-06-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I can review for an assessment on rewriting radical expression and solving radical equations.  I can successfully show what I have learned about rewriting radical expression and solving radical equations. | Quiz on rewriting radical expressions as expressions with radical exponents and solving radical equations. | | | | | |

*\*key literacy strategy*