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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
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| **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 ActivityWhat do you remember about solving problems with exponents in algebra? | Work Examples andVisuals Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents. | Guided notes/video/Power pointStudents will take notes on rewriting radical expressions as expressions with rational exponents. | 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 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 ActivityStudents will work problem(s) learned from yesterday’s lesson. | Work Examples andVisuals Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents. | Guided notes/video/Power pointStudents will take notes on rewriting radical expressions as expressions with rational exponents. | Practice ProblemsThink/Pair/Share, Gallery Walk, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat 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 equationsI can solve radical equations. | Bell-ringer/Do Now ActivityWhat do you know, if anything about radicals? | Work Examples andVisuals Teacher will give examples of how to solve radical equations | Guided notes/video/Power pointStudents will take notes on solving radical equations | 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 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 ActivityStudents will solve problem(s) with radical equations? | Work Examples andVisuals Teacher will give examples of how to solve radical equations | Guided notes/video/Power pointStudents will take notes on solving radical equations  | 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 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*