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| **Standard**: **A.NR.5: Investigate rational and irrational numbers and rewrite expressions involving square roots and cube roots****Assessment:**  [ ]   **Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None**  [ ]   **Exit Ticket**  |
|  | **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** |  I am learning how to simplify radicalsI can simplify radicals | Warm up: Simplifying radicals |  | Simplifying Radicals Handout  | Think/Pair/Share compare steps and answers | Delta Math – Simplifying Radicals | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Tuesday** |  I am learning how to use operations to solve radical expressionsI can solve radical expressions | Warm up: Simplify Radicals | Focused Instruction Operations of Radicals | Assigned problems from Guided Notes | Think/Pair/Share assigned problems. Discuss Steps and answers | Operations of Radicals Handout | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Wednesday** | I am learning how to use operations to solve radical expressionsI can solve radical expressions | Warm up: 2 questions on radical operations  |  | Review misconceptions from on Operations of Radicals | Think/Pair/Share assigned problems. Discuss Steps and answers form Operations of Radicals Handout | Delta Math | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Thursday** | I am learning how to rewrite radical to exponential and vice versaI can rewrite radical to exponential and vice versa | Warm up: Radical Operations | Focused Instruction Rewriting Radical to Exponential (vice versa) | Assigned problems from Focused Instruction  | Think/Pair/Share assigned problems. Discuss Steps and answers form Rewriting Radicals Handout |  | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Friday** | I am going to review Simplifying radicals, radical operations, and rewriting radical to exponentialI am can master simplifying radicals, radical operations, and rewriting radical to exponential | Warm up: Two random problems from Progress Learning  |  |  | Work on review handout in preparation for Unit 3 Assessment1-10 |  | [ ]  **Discuss answers from Review Handout from Assessment Preparation** |

*\*key literacy strategies*