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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 radicals  I 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 expressions  I 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 expressions  I 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 versa  I 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 exponential  I 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 Assessment  1-10 |  | | **Discuss answers from Review Handout from Assessment Preparation** |

*\*key literacy strategies*