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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Standard:  **AA.FGR.4.1: Rewrite radical expressions as expressions with rational exponents. Extend the properties of integer exponents to rational exponents.**  **Assessment**: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None | | | | | | | | | | |
|  | *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** | **NO SCHOOL – FALL BREAK** | | | | | | | | | |
| **Tuesday** | **NO SCHOOL – FALL BREAK** | | | | | | | | | |
| **Wednesday** | I am learning how to convert between rational exponents and radicals  I can convert between rational exponents and radicals. | Evaluating rational exponents: | | Teacher models Converting Rational exponents and radicals. | | Teacher works through a problem step by step, explaining reasoning. | Class solves 2 examples, discussing strategies. | | Students complete 4–5 practice problems independently. | Exit ticket: What part of this lesson was a struggle? |
| **Thursday** | I am learning how to use product, quotient, and power rules with rational exponents.  I can use product, quotient, and power rules with rational exponents. | | Warm up: Rational Exponents (converting) | Quizizz Activity – Rational Exponents | | | | Complete review Handout | | Exit ticket: What part of this lesson was a struggle? |
| **Friday** | I am learning how to simplify expressions with rational exponents and state domain limits when needed.  I can simplify expressions with rational exponents and state domain limits when needed. | | **Rational Exponents using rules** | **Teacher models simplifying rational exponents** | Teacher works through a problem step by step, explaining reasoning. | | | **ERROR ANALYSIS WORKSHEET** | | Exit ticket: What part of this lesson was a struggle? |

*\*key literacy strategies*