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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard**:  2.13.A. Solve exponential and logarithmic equations and inequalities.  2.13.B. Construct the inverse function for exponential and logarithmic functions.  **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** | \*I am going to review expanding and condensing logarithmic expressions. | Bell Ringer: AP Exam Test Prep Question |  | |  | Students will work in pairs to complete 2.12 AP Classroom | | |  | | Review misconceptions |
| **Tuesday** | \*I am going to learn how to solve logarithmic equations. | Bell Ringer: AP Exam Test Prep Question | | Teacher will cover worked examples on solving logarithmic equations in 2.13A Exponential and Logarithmic Equations and  Inequalities packet |  | | Students will continue to work in pairs to complete solving logarithmic equations practice problems | |  | | Review misconceptions |
| **Wednesday** | \*I am going to learn how to solve logarithmic inequalities. | Bell Ringer: AP Exam Test Prep Question | | Teacher will cover worked examples on solving logarithmic inequalities in 2.13B Exponential and Logarithmic Equations and  Inequalities packet |  | | Students will continue to work in pairs to complete solving logarithmic inequalities practice problems | |  | | Review misconceptions |
| **Thursday** | \*I am going to review how to solve logarithmic equations and inequalities. | Bell Ringer: AP Exam Test Prep Question |  | |  | Students will work in pairs to complete 2.13 AP Classroom | | |  | | Review misconceptions |
| **Friday** | \*I am going to quiz over solving logarithmic equations and inequalities. | Review misconceptions |  | |  |  | | | Students will complete 2.13 Quiz | |  |

*key literacy strategies*