|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard(s)**:  AA.MM.1 Apply mathematics to real-life situations; model real-life phenomena mathematics.  AA.MP.1-5 Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression.  AA.FGR.3: Explore and analyze structures and patterns for exponential and logarithmic functions and use exponential and logarithmic 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 |
| **Monday**  **10-14-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*    **Student/Teacher Fall Break** | | | | | | |
| **Tuesday 10-15-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  **Student/Teacher Fall Break** | | | | | | |
| **Wednesday**  **10-16-24** | **Unit 2 Begins:**  ***C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*Exponential & Logarithmic Functions**  I’m going to learn how to convert logarithms.    I’m can convert logarithms. | Bell-ringer/Do Now Activity  What do you know about logarithms?  Students will be introduced to logarithms. | Work Examples and Visuals  Logarithms  The teacher will give examples of how to convert logarithms. | Guided notes/video/Power point  Logarithms    Students will take notes on logarithms | Practice Problems  Think/Pair/Share, Discussions  Logarithms  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Logarithms  Students will work individually on practice problems. | Group Discussion/Exit Ticket  Logarithms  What did you learn about logarithms? |
| **Thursday**  **10-17-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m going to continue to learn how to convert logarithms.    I’m can continue to convert logarithms. | Bell-ringer/Do Now Activity  Are there any questions about logarithms from yesterday’s lesson? | Work Examples and  Visuals  Logarithms  Teacher will continue to give examples of how to convert logarithms. | Guided notes/video/Power point  Logarithms  Students will continue to take notes on logarithms | Practice Problems  Think/Pair/Share, Discussions  Logarithms  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Logarithms  Students will work individually on practice problems. | Group Discussion/Exit Ticket  Logarithms  What did you learn today as compared to yesterday about logarithms? |
| **Friday**  **10-18-24** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m going to learn how to evaluate logarithms.  I can evaluate logarithms. | Bell-ringer/Do Now Activity  What does it mean to evaluate something? | Work Examples and Visuals  Evaluating Logarithms  The teacher will give examples of how to evaluate logarithms. | Guided notes/video/Power point  Evaluating Logarithms  Students will take notes on evaluating logarithms | Practice Problems  Think/Pair/Share, Discussions  Evaluating Logarithms  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Evaluating Logarithms  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What did you learn about Evaluating Logarithms?  Students will list at 2 – 3 things they learned. |

*\*key literacy strategy*