|  |
| --- |
| **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 ActivityWhat do you know about logarithms?Students will be introduced to logarithms. | Work Examples and VisualsLogarithmsThe teacher will give examples of how to convert logarithms. | Guided notes/video/Power pointLogarithms Students will take notes on logarithms  | Practice ProblemsThink/Pair/Share, Discussions LogarithmsStudents will have an opportunity to work with partners. | Practice Handout/worksheetLogarithmsStudents will work individually on practice problems. | Group Discussion/Exit TicketLogarithmsWhat 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 ActivityAre there any questions about logarithms from yesterday’s lesson? | Work Examples andVisuals LogarithmsTeacher will continue to give examples of how to convert logarithms. | Guided notes/video/Power pointLogarithmsStudents will continue to take notes on logarithms | Practice ProblemsThink/Pair/Share, Discussions LogarithmsStudents will have an opportunity to work with partners. | Practice Handout/worksheetLogarithmsStudents will work individually on practice problems. | Group Discussion/Exit TicketLogarithmsWhat 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 ActivityWhat does it mean to evaluate something? | Work Examples and VisualsEvaluating LogarithmsThe teacher will give examples of how to evaluate logarithms. | Guided notes/video/Power pointEvaluating LogarithmsStudents will take notes on evaluating logarithms | Practice ProblemsThink/Pair/Share, Discussions Evaluating LogarithmsStudents will have an opportunity to work with partners. | Practice Handout/worksheetEvaluating LogarithmsStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about Evaluating Logarithms?Students will list at 2 – 3 things they learned. |

*\*key literacy strategy*