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| **Standard(s)**: AA.PAR.6.1: Use matrices to represent data, and perform mathematical operations with matrices and scalars, demonstrating that some properties of real numbers hold for matrices, but that others do not.**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
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| **Monday 02-24-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to multiply 2 x 2 matrices. I can multiply 2 x 2 matrices. | Bell-ringer/Do Now ActivityWhat do you remember about multiplying scalar matrices? Introduction to multiplying 2 x 2 matrices.  | Work Examples andVisuals Teacher will review and give examples of multiply 2 x 2 matrices. | Guided notes/video/Power pointStudents will take notes on multiply 2 x 2 matrices. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about multiply 2 x 2 matrices?Problem(s) on board to solve |
|  **Tuesday 02-25-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to multiply 2 x 2 matrices. I can multiply 2 x 2 matrices. | Bell-ringer/Do Now ActivityWhat do you remember about multiplying 2 x 2 matrices? Practice problems on board for students to solve. | Work Examples andVisuals Teacher will review and give examples of multiply 2 x 2 matrices. | Guided notes/video/Power pointStudents will take notes on multiply 2 x 2 matrices. | Practice ProblemsThink/Pair/Share, Gallery Walk, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about multiply 2 x 2 matrices?Problem(s) on board to solve |
| **Wednesday 02-26-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to calculate the determinate of a 2 x 2 multiplication matrix.I can calculate the determinate of a 2 x 2 multiplication matrix. | Bell-ringer/Do Now ActivityWhat do you think a determinate is calculating a multiplication matrix? Practice problems on board for students to solve. | Work Examples andVisuals Teacher will review and give examples of calculating the determinate of a 2 x 2 multiplication matrix. | Guided notes/video/Power pointStudents will take notes on calculating the determinate of a 2 x 2 multiplication matrix. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about calculating the determinate of a 2 x 2 multiplication matrix?Problem(s) on board to solve  |
| **Thursday 02-27-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to calculate the determinate of a 2 x 2 multiplication matrix. I can calculate the determinate of a 2 x 2 multiplication matrix. | Bell-ringer/Do Now ActivityWhat does a determinate do in calculating a multiplication matrix? Practice problems on board for students to solve. | Work Examples andVisuals Teacher will review and give examples of calculating the determinate of a 2 x 2 multiplication matrix. | Guided notes/video/Power pointStudents will take notes on calculating the determinate of a 2 x 2 multiplication matrix. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat else did you learn from yesterday’s lesson about calculating the determinate of a 2 x 2 multiplication matrix? |
| **Friday 02-28-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m reviewing 2 x 2 multiplication matrices and calculating the determinate for a quiz.I’m can review 2 x 2 multiplication matrices and calculating the determinate for a quiz. | Bell-ringer/Do Now ActivityWhat do you remember about solving 2 x 2 multiplication matrices and calculating the determinate?Practice problems on the board for students to solve. | Work Examples andVisuals Teacher will review and give examples of solve a 2 x 2 matrix and calculating the determinate of a 2 x 2 multiplication matrix. | Guided notes/video/Power pointStudents will take review notes on solving a 2 x 2 matrix and calculating the determinate of a 2 x 2 multiplication matrix. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn from yesterday’s review about a 2 x 2 matrix and calculating the determinate of a 2 x 2 multiplication matrix. |

*\*key literacy strategy*