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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 03-03-25****Block Schedule****Periods 1, 2, 5, 4** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to review multiplying 2 x 2 matrices and calculate the determinate for an assessment. I can review multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Bell-ringer/Do Now ActivityWhat do you remember about 2 x 2 matrix multiplication and calculating the determinate? Practice problems on the board/paper | Work Examples andVisuals Teacher will review and give examples of multiply 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power pointStudents will review/take additional notes on multiply 2 x 2 matrices and calculating the determinate. | 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 multiplying 2 x 2 matrices and calculating the determinate?Problem(s) on board to solve |
| **Tuesday 03-04-25****Block Schedule****Periods 3, 6, 5, 7** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m learning to review multiplying 2 x 2 matrices and calculate the determinate for an assessment. I can review multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Bell-ringer/Do Now ActivityWhat do you remember about 2 x 2 matrix multiplication and calculating the determinate? Practice problems on the board/paper | Work Examples andVisuals Teacher will review and give examples of multiply 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power pointStudents will review/take additional notes on multiply 2 x 2 matrices and calculating the determinate. | 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 multiplying 2 x 2 matrices and calculating the determinate?Problem(s) on board to solve |
| **Wednesday 03-05-25****Quiz** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to show what I have learned about multiplying 2 x 2 matrices and calculate the determinateI can show what I have learned about multiplying 2 x 2 matrices and calculate the determinate | Bell-ringer/Do Now ActivityWhat additional questions do you have about 2 x 2 matrix multiplication and calculating the determinate?  | Work Examples andVisuals Teacher will review and give final examples of calculating the determinate of a 2 x 2 multiplication matrix. | Guided notes/video/Power pointStudents will use notes on calculating the determinate of a 2 x 2 multiplication matrix on the assessment | Practice ProblemsThink/Pair/Share, Discussions Students will take their assessment | Practice Handout/worksheetStudents will take their assessment | Group Discussion/Exit TicketStudents will turn in their assessment.  |
| **Thursday 03-06-25****Block Schedule****Periods 1, 2, 5, 4** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to review adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. I can review adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Bell-ringer/Do Now ActivityWhat do you remember about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment? Practice problems on board for students to solve. | Work Examples andVisuals Teacher will review and give examples of adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Guided notes/video/Power pointStudents will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | 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 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment? |
| **Friday 03-07-25****Block Schedule****Periods 3, 6, 5, 7** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m learning to review adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment.I can review adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Bell-ringer/Do Now ActivityWhat do you remember about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment? Practice problems on the board for students to solve. | Work Examples andVisuals Teacher will review and give examples of adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Guided notes/video/Power pointStudents will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | 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 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment? |

*\*key literacy strategy*