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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 |
| **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 Activity  What do you remember about 2 x 2 matrix multiplication and calculating the determinate?  Practice problems on the board/paper | Work Examples and  Visuals  Teacher will review and give examples of multiply 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power point  Students will review/take additional notes on multiply 2 x 2 matrices and calculating the determinate. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  What do you remember about 2 x 2 matrix multiplication and calculating the determinate?  Practice problems on the board/paper | Work Examples and  Visuals  Teacher will review and give examples of multiply 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power point  Students will review/take additional notes on multiply 2 x 2 matrices and calculating the determinate. | Practice Problems  Think/Pair/Share, Gallery Walk, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 determinate    I can show what I have learned about multiplying 2 x 2 matrices and calculate the determinate | Bell-ringer/Do Now Activity  What additional questions do you have about 2 x 2 matrix multiplication and calculating the determinate? | Work Examples and  Visuals  Teacher will review and give final examples of calculating the determinate of a 2 x 2 multiplication matrix. | Guided notes/video/Power point  Students will use notes on calculating the determinate of a 2 x 2 multiplication matrix on the assessment | Practice Problems  Think/Pair/Share, Discussions  Students will take their assessment | Practice Handout/worksheet  Students will take their assessment | Group Discussion/Exit Ticket  Students 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 Activity  What 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 and  Visuals  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 point  Students will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  What 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 and  Visuals  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 point  Students will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What else did you learn about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculate the determinate for an assessment? |

*\*key literacy strategy*