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| **Standard(s)**:  Unit 5  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.  Unit 6  AA.GSR.7: Develop an introductory understanding of the unit circle; solve trigonometric equations using the unit circle.  **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 03-10-25** | **PowerUp Asynchronous Learning Day** | | | | | | |
| **Tuesday**  **03-11-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to show what I have learned throughout Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate.    I can show what I have learned throughout Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate. | Bell-ringer/Do Now Activity  What additional questions do you have from Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate? | Work Examples and  Visuals  Teacher will review and give examples of adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power point  Students will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate. | Practice Problems  Think/Pair/Share, Gallery Walk, Discussions  Students will take the Unit 5 exam. | Practice Handout/worksheet  Students will continue to take the Unit 5 exam. | Group Discussion/Exit Ticket  Students will turn in their Unit 5 exam. |
| **Wednesday**  **03-12-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to show what I have learned throughout Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate.    I can show what I have learned throughout Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate.  If time permits, Introduction of Unit 6: Unit Circle | Bell-ringer/Do Now Activity  What additional questions do you have from Unit 5 about adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate? | Work Examples and  Visuals  Teacher will review and give examples of adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate. | Guided notes/video/Power point  Students will review/take additional notes on adding, subtracting, scalar multiplication, multiplying 2 x 2 matrices and calculating the determinate. | Practice Problems  Think/Pair/Share, Discussions  Students will take the Unit 5 exam. | Practice Handout/worksheet  Students will continue to take the Unit 5 exam. | Group Discussion/Exit Ticket  Students will turn in their Unit 5 exam. |
| **Thursday**  **03-13-25**  **Unit 6 Begins** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to define the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane.    I can define the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | Bell-ringer/Do Now Activity  What do you remember about the coordinate plane?  Practice coordinate plane problems on board for students to solve. | Work Examples and  Visuals  Teacher will give examples of the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | Guided notes/video/Power point  Students will take notes on the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | 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 coordinate plans and the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane? |
| **Friday**  **03-14-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  I’m learning to define the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane.    I can define the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | Bell-ringer/Do Now Activity  What do you remember from yesterday’s lesson about the coordinate plane and the basic trigonometric ratios?  Practice problems on board for students to solve. | Work Examples and  Visuals  Teacher will continue to give examples of the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | Guided notes/video/Power point  Students will continue to take notes on the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane. | 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 coordinate plans and the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane? |

*\*key literacy strategy*