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| **Standard: PC.FGR.3.6 – Graph and write equations of trigonometric functions using period, phase shift, and amplitude in modeling contexts.**  **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** | **NO SCHOOL FALL BREAK** | | | | | | | | | | | | | | |
| **Tuesday** | **NO SCHOOL FALL BREAK** | | | | | | | | | | | | | | |
| **Wednesday** | **Learning Objective:** Students will explore the basic shape and key characteristics of sine and cosine graphs.  **Success Criteria:**  I can identify the amplitude, period, and midline of sine and cosine functions.  I can sketch the parent functions of sine and cosine. | Quick review of unit circle values for sine and cosine (0°, 90°, 180°, 270°, 360°). | | Teacher introduces parent graphs of sine and cosine (y = sin x, y = cos x). | | Teacher demonstrates how to plot 5 key points and sketch the curve. | | | Students work with partners to sketch y = sin x together, labeling amplitude and period. | | Complete Handout | | | Exit Ticket: What was difficult in this lesson? | |
| **Thursday** | **Learning Objective:** Students will explore the basic shape and key characteristics of sine and cosine graphs.  **Success Criteria:**  I can identify the amplitude, period, and midline of sine and cosine functions.  I can sketch the parent functions of sine and cosine. | Quick Unit Circle Quiz | Teacher reviews concepts of graphing | | | | | Students work on assigned problems | | Complete Review Handout | | | Exit Ticket: What was difficult in this lesson? | | |
| *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp***Friday** | **Learning Objective: Students will recover missed assignments or assessments to demonstrate mastery of course concepts.**  **Success Criteria:**  **I can complete or make progress on any missing work.**  **I can correct misunderstandings from previous lessons or assessments.** | Teacher outlines recovery expectations and priorities for the day | Review common errors from prior assignments/assessments. | | | | Teacher models correcting one common error step-by-step. | Small group reteach for students struggling with trigonometric graphs. | | Students work on make-up assessments, corrections, or unfinished work. | | | Write down one skill you improved on today and one area you still need practice. | | |

*\*key literacy strategies*