|  |
| --- |
| **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** | **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? |
| **Tuesday** | **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? |
| **Wednesday** | **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. |
| **Thursday** |  | **No school – Fall Break** |
| *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp***Friday** |  | **No school – Fall Break** |

*\*key literacy strategies*