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| **Standard**: 2.7.A- Evaluate the composition of two or more functions for given values.2.7.B- Construct a representation of the composition of two or more functions.2.7.C- Rewrite a given function as a composition of two or more functions.2.8.A- Determine the input-output pairs of the inverse of a function2.8.B- Determine the inverse of a function on an invertible domain.**Assessment:** [x]  **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** | \* I am going to continue learning how to compose functions using functions, tables, and graphs AND finding their domains. | Bell Ringer: AP Exam Test Prep Question | Teacher will cover worked examples on domain of composition of functions in Composition of Functions Part 2 Packet (2.7B) |  | Students will continue to work in pairs to complete Composition of Functions Practice Problems covering composing functions and their domains(Day 16/45) |  | Review any misconceptions |
| **Tuesday** | \*I am going to learn how to find the inverse of functions and to determine their domain and range. |  |  |  |  | Students will complete 2.8 notes in class by video in Canvas (Day 17/45) |  |
| **Wednesday** | \* I am going to quiz on standards 2.7 and show mastery on AP Classroom topic questions. | Review any misconceptions |  |  | **2nd half of class:** After quiz, students will complete 2.7 AP Classroom Topic Questions(Day 18/45) | Students will complete 2.7 Quiz **1st Half of Class** | Review common missed AP Classroom Questions |
| **Thursday** | \*I am going to learn how to find the inverse of functions and to determine their domain and range. | Bell Ringer: AP Exam Test Prep Question | Teacher will cover worked examples on inverse functions in Inverse Functions Packet (2.8) |  | Students will continue to work in pairs to complete Inverse Functions Practice Problems covering finding inverse functions and their domain and range(Day 19/45) |  | Review any misconceptions |
| **Friday** | \*I am going to learn how to find the inverse of functions and to determine their domain and range. | Bell Ringer: AP Exam Test Prep Question |  |  | Students will continue to work in pairs to complete Inverse Functions Practice Problems covering finding inverse functions and their domain and range(Day 20/45) |  | Review any misconceptions |

*key literacy strategies*