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| **Standard**:  2.6.A- Construct linear, quadratic, and exponential models based on a data set.  2.6.B- Validate a model constructed from a data set.  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.  **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** | \*I am going to review how to find linear, quadratic, and exponential regressions using the calculator for given models.  \*I am going to learn how to determine if the value for a specific input is an overestimate or an underestimate. | Bell Ringer: AP Exam Test Prep Question | | Teacher will cover worked examples on finding linear, quadratic, and exponential regressions and determining if found value is an overestimate or underestimate in Competing Function Model Validation Packet (2.6) |  | Students will work in pairs to complete Competing Function Model Validation Practice Problems covering regression models  (Day 13/45) | | |  | | Review any misconceptions |
| **Tuesday** | \*I am going to review how to find linear, quadratic, and exponential regressions using the calculator for given models.  \*I am going to learn how to determine if the value for a specific input is an overestimate or an underestimate. | Bell Ringer: AP Exam Test Prep Question | |  |  | Students will work in pairs to complete Competing Function Model Validation AP Classroom topic questions covering regression models  (Day 14/45) |  | | | | Review any misconceptions |
| **Wednesday** | \* I am going to learn how to compose functions using functions, tables, and graphs. | Bell Ringer: AP Exam Test Prep Question | | Teacher will cover worked examples on composition of functions in Composition of Functions Part 1 Packet (2.7A) |  | Students will work in pairs to complete Composition of Functions Practice Problems covering composing functions  (Day 15/45) |  | | | | Review any misconceptions |
| **Thursday** | \* I am going to continue learning how to compose functions using functions, tables, and graphs. | Bell Ringer: AP Exam Test Prep Question | | Teacher will cover worked examples on composition of functions in Composition of Functions Part 1 Packet (2.7B) |  | Students will continue to work in pairs to complete Composition of Functions Practice Problems covering composing functions  (Day 16/45) |  | | | | Review any misconceptions |
| **Friday** | \* 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 16/45) | Students will complete 2.7 Quiz **1st Half of Class** | | | | Review common missed AP Classroom Questions |

*key literacy strategies*