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| **Standard**: A.FGR.9: Construct and analyze the graph of an exponential function to explain a mathematically applicable situation for which the graph serves as a model; compare exponential with linear and quadratic functions.A.DSR.10: Collect, analyze, and interpret univariate quantitative data to answer statistical investigative questions that compare groups to solve real-life problems; Represent bivariate data on a scatter plot and fit a function to the data to answer statistical questions and solve real-life problems.**Assessment:**  [ ]   **Quiz**  [ ]   **Unit Test ☐ Project ☐ Lab ☐ None**  [ ]   **Exit Ticket**  |
|  | **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 assess on exponential functions and their graphs and geometric sequences. | Last minute Questions |  |  |  | **Unit 6 Assessment** | [ ]  **Exit Ticket – What was challenging to you on this ASSESSMENT?** |
| **Tuesday** | I am going to review my unit 6 test and identify common mistakes. | Warm up – Read over and rework #1 missed problem on Unit 6 test |  | Teacher will work out problems from unit 6 test with student responses |  |  | Discuss EOC review plans |
| **Wednesday** | I am going to learn how to use given data to make dot plots and use them to answer statistical questions. | Warm up- Find mean, median, mode of given data set | Teacher will cover guided notes on Dot Plots |  | Students will work in pairs to complete Dot Plot Handout practice problems |  | [ ]  **Exit Ticket – What was challenging to you in this Lesson?** |
| **Thursday** | I am going to learn how to use given data to make histograms and use them to answer statistical questions. | Warm up- Identify mean, range, and median from given dot plot | Teacher will cover guided notes on Histograms |  | Students will work in pairs to complete Histogram Handout practice problems |  | [ ]  **Exit Ticket – What was challenging to you in this Lesson?** |
| **Friday** | I am going learn how to describe the spread of data by using measures of variability. | Warm up- Answer questions from given histogram | Teacher will cover guided notes on Measures of Variability |  | Students will work in pairs to complete Measures of Variability Handout practice problems |  | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |

*++\*key literacy strategies*