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| Standard: **AA.FGR.3.6 Create, interpret, and solve exponential equations to represent relationships between quantities and analyze the relationships numerically with tables, algebraically, and graphically.**Assessment: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None(Quiz on Wednesday) |
|  | *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
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| **Monday** | **Learning Target: Review Graphing Exponential Functions and Solving Exponential EquationsSuccess Criteria:- I can identify exponential functions from equations, tables, and graphs.- I can solve basic exponential equations using algebraic methods.** | Do Now: Quick review problem on identifying exponential functions. | Think Aloud: Model graphing an exponential function step by step. | Guided Practice: Solve exponential equations together as a class. | Think/Pair/Share: Compare exponential vs. linear graphs. | Independent Practice: Worksheet on graphing exponential functions. | Exit Ticket: Reflect on success criteria for the day. |
| **Tuesday** | **Learning Target: Review Graphing Exponential Functions and Solving Exponential EquationsSuccess Criteria:- I can graph exponential growth and decay functions.- I can solve exponential equations using tables and graphs.** | Notice/Wonder: Look at real-world exponential graphs (population growth). | Visuals: Demonstration of exponential growth vs. decay. | Class Example: Solve exponential equations  | Group Work: Graph given functions and compare results. | Practice problems on exponential graphs and solving equations. | Exit Ticket: Reflect on success criteria for the day. |
| **Wednesday** | **Learning Target: Quiz: Graphing Exponential Functions and Solving Exponential EquationsSuccess Criteria:- I can demonstrate mastery of graphing exponential functions.- I can solve exponential equations accurately.** | Do Now: Quick warm-up question on exponential functions. | Review key concepts before quiz. | Address student questions and misconceptions. |  | Quiz: Graphing Exponential Functions and Solving Exponential Equations. | Exit Ticket: Reflect on success criteria for the day. |
| **Thursday** | **Learning Target: Exponential Growth and DecaySuccess Criteria:- I can model real-life situations using exponential growth and decay.- I can explain the difference between growth and decay.** | Engaging Video: Population growth vs. radioactive decay. | Worked Examples: Growth/Decay word problems. | Solve sample problems together. | Group Activity: Sort scenarios into 'growth' or 'decay.' | Independent Practice: Word problems on growth and decay. | Exit Ticket: Reflect on success criteria for the day. |
| **Friday** | **Learning Target: Compound InterestSuccess Criteria:- I can apply the compound interest formula to solve real-world problems.- I can compare simple and compound interest situations.** | Open-Ended Question: How does your money grow in a bank account? | Demonstration: Deriving the compound interest formula. | Solve a compound interest example together. | Group Discussion: Compare different interest rates and time periods. | Independent Practice: Compound interest problems. | Exit Ticket: Reflect on success criteria for the day. |

*\*key literacy strategies*