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| **Standard(s)**: AA.DSR.2 Communicate descriptive and inferential statistics by collecting, critiquing, analyzing, and interpreting real-world data.AA.MM.1 Apply mathematics to real-life situations; model real-life phenomena mathematics.AA.MP.1-5 Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression.AA.FGR.3: Explore and analyze structures and patterns for exponential and logarithmic functions and use exponential and logarithmic expressions, equations, and functions to model real-life phenomena.**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** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m going to review and prepare for the Unit 1 assessment. I can review and prepare for the Unit 1 assessment. | Bell-ringer/Do Now ActivityStandards/Lessons from Unit 1Students will recall/list at least 5 things they remember learning throughout Unit 1? | Review & Work Examples and Visuals Standards/Lessons from Unit 1Teacher will review and give examples of standards learned throughout Unit 1 | Review Guided notes/video/Power pointStandards/Lessons from Unit 1 Students will review and/or add on to previous notes taken throughout lessons taught in Unit 1 | Review Practice ProblemsThink/Pair/Share, Discussions Standards/Lessons from Unit 1Students will have an opportunity to work with partners to review, discuss. and/or add on to previous notes taken throughout lessons taught in Unit 1 | Review & Practice Handout/worksheetStandards/Lessons from Unit 1Students will work individually on practice problems of Unit 1 | Group Discussion/Exit TicketStandards/Lessons from Unit 1Did you learn any new skill/standard from the Unit review?Do you still have questions about Unit 1 standards? |
| **Tuesday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m going to review and prepare for the Unit 1 assessment. I can review and prepare for the Unit 1 assessment.  | Bell-ringer/Do Now ActivityStandards/Lessons from Unit 1Students will recall/list at least 5 things they remember learning throughout Unit 1? | Work Examples andVisuals Standards/Lessons from Unit 1Teacher will review and give examples of standards learned throughout Unit 1 | Guided notes/video/Power pointStandards/Lessons from Unit 1 Students will review and/or add on to previous notes taken throughout lessons taught in Unit 1 | Practice ProblemsThink/Pair/Share, Discussions Standards/Lessons from Unit 1Students will have an opportunity to work with partners to review, discuss. and/or add on to previous notes taken throughout lessons taught in Unit 1 | Practice Handout/worksheetStandards/Lessons from Unit 1Students will work individually on practice problems of Unit 1 | Group Discussion/Exit TicketDid you learn any new skill/standard from the Unit review?Do you still have questions about Unit 1 standards? |
| **Wednesday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m going to assess my knowledge of Unit 1; Part 1I can assess my knowledge of Unit 1; Part 1 | Bell-ringer/Do Now ActivityAre there still questions about the Unit 1 assessment?Q & A session about Unit 1 before the assessment begins. | Students will be given Unit 1; Part 1 assessment. | Guided notes/CalculatorStudents will be given Unit 1; Part 1 assessment.Students can use their notes and a calculator. | Students will be given Unit 1; Part 1 assessment.Students can use their notes and a calculator. | Students will be given Unit 1; Part 1 assessment.Students can use their notes and a calculator. | Exit TicketStudents will turn in their completed Unit 1; Part 1 assessment. |
| **Thursday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m going to assess my knowledge of Unit 1; Part 2 I can assess my knowledge of Unit 1; Part 2 | Bell-ringer/Do Now ActivityAre there still questions about the Unit 1 assessment?Q & A session about Unit 1 before the assessment begins. | Students will be given Unit 1; Part 2 assessment. | Guided notes/CalculatorStudents will be given Unit 1; Part 2 assessment.Students can use their notes and a calculator. | Students will be given Unit 1; Part 2 assessment.Students can use their notes and a calculator. | Students will be given Unit 1; Part 2 assessment.Students can use their notes and a calculator. | Exit TicketStudents will turn in their completed Unit 1; Part 2 assessment. |
| **Friday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* **Unit 2 Begins** I’m going to identify the effects of transformations on exponential functions to model situations of growth and decay. I can identify the effects of transformations on exponential functions to model situations of growth and decay | Bell-ringer/Do Now ActivityWhat do you know about transformations?Students will be introduced to Unit 2, starting with transformations. | Work Examples and Visuals Transformations Students will be given examples of how to identify transformations. | Guided notes/video/Power pointTransformationsStudents will take notes on transformations | Practice ProblemsThink/Pair/Share, Discussions TransformationsStudents will have an opportunity to work with partners. | Practice Handout/worksheetTransformationsStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about transformations?Students will list at 2 – 3 things they learned. |

*\*key literacy strategy*