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| **Standard**: FUN-1: Existence theorems allow us to draw conclusions about a function’s behavior on an interval without precisely locating that behavior**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
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| **Monday** | I am learning how to justify conclusions about the behavior of a function based on the behavior of its derivativesI can justify conclusions about the behavior of a function based on the behavior of its derivatives | Multiple Choice Mondays  | Notes – Determining Intervals on Which a Function is Increasing or Decreasing | Work assigned problems probing questions for students to guide to a solution | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Handout | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Tuesday** | I am learning how to justify conclusions about the behavior of a function based on the behavior of its derivativesI can justify conclusions about the behavior of a function based on the behavior of its derivatives | Daily Quiz – Random Topic  |  | Work assigned problems probing questions for students to guide to a solution | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Practice Handout | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Wednesday** | I am learning how how to justify conclusions about the behavior of a function based on the behavior of its derivatives. I can justify conclusions about the behavior of a function based on the behavior of its derivatives | Warm up: Daily quiz | Notes – Using First Derivative Test to Determine Relative (Local) Extrema | Work assigned problems probing questions for students to guide to a solution | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Handout | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Thursday** | I am learning how how to justify conclusions about the behavior of a function based on the behavior of its derivatives. I can justify conclusions about the behavior of a function based on the behavior of its derivatives | Warm up: Daily quiz |  | Work assigned problems probing questions for students to guide to a solution | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Practice Handout | [ ]  **Exit Ticket – What was challenging to you in this practice?** |
| **Friday** | I am how to understand and provide a solution to AP free response questions I can master concepts understanding free responses | **FREE RESPONSE FRIDAY** | [ ]  **Exit Ticket – What was challenging to you in this free response?** |

*\*key literacy strategies*