|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |
| **Monday** | I am learning 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 | 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 derivatives  I 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*