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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard**: CHA-3 Derivatives allow us to solve real-world problems involving rates of change  **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 Interpret the meaning of a derivative in context.  I can interpret the meaning of a derivative in context | Warm up: Daily quiz | Notes - Interpret the meaning of a derivative in context | 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 Calculate rates of change in  applied contexts.  I can calculate rates of change in applied contexts | Warm up: Daily quiz | Notes – Straight Line Motion | 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?** |
| **Wednesday** | I am learning how to interpret rates of change in  applied contexts.  I can interpret rates of change in applied contexts | Warm up: Daily quiz | Notes – Rate of Change in Applied Contexts other than Motion | 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 to Calculate related rates in applied contexts.  I can calculate related rates in applied contexts | Warm up: Daily quiz | Notes – Related Rates | 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?** |
| **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 lesson?** |

*\*key literacy strategies*