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| **Standards**: SEV2.A.Analyse and interpret data related to short term and long term natural cyclic fluctuations associated with climate change.  SEV2.B.Analyse and interpret Data to determine how changes in atmospheric chemistry(carbon and methene )impact the green house effect.  SEV1.E. Plan and carry out an investigation of how chemical and physical properties impact aquatic biomass in Georgia.  **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 | * Call/Response * Probing Questions * Graphic Organizer * Digital Whiteboard | * Discussions\* * Expert Groups * Labs * Stations * Think/Pair/Share * Create Visuals | * Written Response\* * Digital Portfolio * Presentation * Canvas Assignment * Choice Board * Independent Project * Portfolio | * Group Discussion * Exit Ticket * 3-2-1 * Parking Lot * Journaling\* * Nearpod |
| **Wednes Day** | I am learning about chemical properties of Aquatic Ecosystem.  I can analyse the chemical properties of different aquatic eco systems. | Do Now: Questions on the whiteboard. | Demonstration on chemical properties of Aquatic ecosystem **with examples** | Students will complete the chemical properties of Aquatic Ecosystem. | students will do group activity on chemical properties of Aquatic Ecosystem together. | Quizzes practice on chemical properties of Aquatic Ecosystem. | What are the chemical properties of Aquatic Ecosystem? |
| **Thurs Day** | I am learning about short term/long term cyclic fluctuations.  I can analyse the short term/long term cyclic fluctuations. | Do Now: Questions on the whiteboard. | Demonstration on short term/long term cyclic fluctuations  with examples | Students will complete the short term/long term cyclic fluctuations.  . | students will do group activity on short term/long term cyclic fluctuations.  . | Quizzes practice on short term/long term cyclic fluctuations | What are the factors influencing the cyclic fluctuations? |
| **Friday** | I am learning about greenhouse Gases effect.  I can analyses the Greenhouse Gases effect | Warm Up: What are the four phases of Economic Cycle? | Demonstration on Greenhouse Gases Effects | Student will complete the Greenhouse Gases Effects | Students will do the group activity on Greenhouse effects | QUIZ practice on Greenhouse Gases Effects. | What are Greenhouse gases? |