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| **Standards**: SEV1.C. Analysis and interpret data to construct an argument of the necessity of biogeochemical cycles(hydrological cycle, nitrogen cycle ,phosphorus, oxygen& carbon ) to support a sustainable ecosystem  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 |
| **Mon day** | I am learning about Different steps in water cycle.  I can analysis different steps in water cycle. | Do Now: Questions on the whiteboard. | Demonstration on hydrological c **cycle introduction with examples** | Students will complete the hydrological cycle and its importance in atmosphere | Video on steps in hydrological cycle. students will do worksheet together. | Quizzes practice on water cycle | What is the hydrological cycle? |
| **Tues Day** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about Nitrogen cycle.  I can explain how the Nitrogen cycle **is**. | Do Now: Question on the whiteboard. | Demonstration on Nitrogen **cycle, introduction with examples** | Students will complete the Nitrogen cycle and its importance in atmosphere | Video on Nitrogen cycle  Student will do together worksheet. | Quiz on Nitrogen cycle introduction | What is the Nitrogen cycle. |
| **Wednes Day** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about Nitrogen cycle.  I can explain how the Nitrogen cycle **is**. | Do Now: Questions on the whiteboard. | Continuation to Nitrogen **cycle and its steps with examples** | Students will use worksheet to respond probing questions | Video on steps in Nitrogen cycle | Quizzes practice on Nitrogen cycle | Exit Ticket: what is the importance of the Nitrogen cycle? |
| **Thurs Day** | I am learning about physical properties of Aquatic Ecosystem.  I can analyses the physical properties of different aquatic eco systems. | Do Now: Questions on the whiteboard. | Demonstration on physical properties of Aquatic ecosystem **with examples** | Students will complete the physical properties of Aquatic Ecosystem. | students will do group activity on physical properties of Aquatic Ecosystem together. | Quizzes practice on nitrogen cycle | What are the physical properties of Aquatic Ecosystem? |
| **Friday** | Review on weeks Lessons | Warm Up: What are Biogeochemical cycles? | Review concepts of the week | QUIZ on Biogeochemical cycles | QUIZ on Biogeochemical cycles | QUIZ on Biogeochemical cycles | QUIZ on Biogeochemical cycles |