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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 ecosystemSEV1.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
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| **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 cycleStudent 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 |