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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  **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** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about biogeochemical cycles.  I can explain the different biogeochemical cycles with an example. | Do Now: Question on the whiteboard. | Demonstration on **biogeochemical cycle introduction with examples and oxygen cycle** | Students will use worksheet to respond probing questions | Discussions on oxygen **cycle** | Quiz on Different types of **biogeochemical cycle** | What Stuck with You? |
| **Tues Day** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp**C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about phosphorus cycle.  I can explain how the phosphorus cycle **is**. | Do Now: Question on the whiteboard. | Demonstration on phosphorus **cycle, introduction with examples** | Students will complete the phosphorus cycle and its importance in atmosphere | Video on oxygen cycle  Student will do together worksheet | Quiz on phosphorus cycle introduction | What is the phosphorus cycle. |
| **Wednes Day** | I am learning about Different steps in phosphorus cycle.  I can analysis different steps in phosphorus cycle. | Do Now: Questions on the whiteboard. | Demonstration on phosphorus **cycle and its steps with examples** | Students will use worksheet to respond probing questions | Video on steps in phosphorus cycle | Quizzes practice on phosphorus cycle | Exit Ticket: what is the importance of the phosphorus cycle? |
| **Thurs Day** | I am learning about Different steps in hydrological cycle.  I can analysis different steps in hydrological 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 nitrogen cycle | What is the hydrological cycle? |
| **Friday** | I am learning about Different steps in hydrological cycle.  I can analysis different steps in hydrological cycle. | Do Now: Questions on the whiteboard. | Demonstration on **Steps involved in hydrological cycle with examples** | Students will complete the hydrological cycle and its importance in atmosphere | Video on steps involved in hydrological cycle. | Quizzes practice on hydrological cycle cycle | Exit Ticket: what is the importance of the water cycle? |