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| **Standard**:  SEV1. Obtain, evaluate, and communicate information to investigate the energy flow and matter cycling within an ecosystem.  SVE2.C. Construct an argument to predict changes in Biomass, Biodiversity, and complexity within ecosystems ,in terms of ecological succession  **Assessment: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None** | | | | | | | |
|  | **Pre-Teaching**  X  *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 |
| **Monday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about complexity within ecosystem  I can explain the different complexities within Ecosystem with an example. | Do Now: Question on the whiteboard. | Notes on Complexity with in ecosystem. | Students will use worksheet to respond probing questions | Discussions on complexity within eco systems | Quizziz on complexity within ecosystem | What Stuck with You? |
| **Tuesday** | *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 food chains and food webs.  I can explain how the energy flows in ecosystem. | Do Now: Question on the whiteboard. | Notes on  Food chains and food webs. | Students will complete the graphic organizer to draw food chain and food webs. | Video on food chain  [The Food Chain (youtube.com)](https://www.youtube.com/watch?v=5Z8rKhXUYAg) | limiting factors, food chain and food web. | Exit Ticket: draw a food chain |
| **Wednesday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about how the energy flow between different tropic levels. I can differentiate between different ecosystems.. | Do Now: Questions on the whiteboard. | Notes –trophic levels | Call/response  [Energy Flow within an Ecosystem (youtube.com)](https://www.youtube.com/watch?v=0xrInLb5Dyg) | Thank/pair/share | Quizzes practice on different trophic levels in the ecosystem. | Exit Ticket:  Give a example of difference between producers and consumers. |
| **Thursday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about how to use a model to compare and analyze the levels of biological organization including organisms, populations, communities, ecosystems, and biosphere.  I can develop and use a model to compare and analyze the levels of different pyramids including flow of energy in ecosystems, and biosphere. | Do Now: Questions on the whiteboard. | Notes – on ecological pyramids (pyramid of energy,numbers and biomass) | Video-  [Ecological Pyramids (youtube.com)](https://www.youtube.com/watch?v=nC1ZcUo7XoA) | Discussion on pyramid of energy ,numbers and biomass . | Quizzes on Ecological Pyramids. | Exit Ticket: In Your Own Words |
| **Friday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about basics of Environmental Science.  I can explain concepts learned from Monday through Thursday. | Do Now: Questions on the board. | Review using Assessment |  | Quiz on the paper. |  |  |