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| **Standards:**  SEV4.c Construct an argument to evaluate how human population growth affects food demand and food supply (GMOs, Monocultures, Desertification, Green revolution)  **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** | **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 |
| **Tues day**  **11/12/2024** | I am learning about food Demand and supply.  I can analysis the how human population growth affects food demand and food supply..  . | Do Now: Questions on the whiteboard. | Demonstration on food Demand and supply. | Students will complete the population Impacts on Food Supply  . | Discussion on population growth drives both increased food demand and changes in food supply | Quizzes practice | **What factors influence food demand?** |
| **Wednesday**  **11/13/2024** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I am learning about genetic modification.  I can analysis different  Concerns and Challenges of GMOs | Do Now: Question on the whiteboard. | Demonstration on Genetic Modification (GMOs) | Students will complete the effects of human activities on natural resources due to urbanization. | Discussion on Evaluate how GMOs impact food production and food security. | Quizzes practice |  Explain the potential benefits and drawbacks of GMOs? |
| **Thurs Day**  **11/14/2024** | I am learning about Monocultures in Agriculture and green revolution.  I can analysis different Benefits of Monocultures and Green revolution. | Do Now: Questions on the whiteboard. | Demonstration onChallenges and Criticisms of the Green Revolution and monocultures. | Students will complete the Challenges and Criticisms of the Green Revolution and monocultures | Discussion on Challenges and Criticisms of the Green Revolution and monocultures | Quizzes practice |  Explain the benefits and challenges associated with the Green Revolution. |
| **Friday**  **11/15/2024** | Review on weeks Lessons | Warm Up: What are the effects of human Activities on Ocean Acidification? | Review concepts of the week | QUIZ on  Food Demand and supply? | QUIZ on  Food Demand and supply? | QUIZ on  Food Demand and supply? | QUIZ on  Food Demand and supply? |