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| **Standards:SB6.d. Develop and use mathematical models to support explanations of how undirected genetic changes in natural selection and genetic drift have led to changes in populations of organisms.(Clarification statement: Element is intended to focus on basic statistical and graphic analysis. Hardy Weinberg would be an optional application to address this element.)**  **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 |
| **Monday**  **03/10/2025** |  | **Power up Asynchronous Day** | **Power up Asynchronous Day** | **Power up Asynchronous Day** | **Power up Asynchronous Day** |  |  |
| **Tuesday**  **03/11/2025** | I am learning about Natural selection. I can analysis the role of genetic variations. | **Do Now: Questions on the whiteboard** | **Demonstration on Natural selection.** | **Probing questions on given topic** | **create visuals** | **activity** | **TOTD** |
| **Wednesday**  **3/12/2025** | I am learning about Genetic Drift. I can analysis the several types of Genetic Drift. | Do Now: Questions on the whiteboard. | **Demonstration on Types of Genetic drift.** | **Students will respond to the probing Questions.** | **Expert Groups** | **Practice on quizzes.** | TOTD |
| **Thurs day**  **3/13/2025** | **I am learning about Natural Selection vs. Genetic Drift**  **I can analysis the Natural Selection vs. Genetic Drift**  . | **Do Now: Questions on the whiteboard** | **Demonstration on Natural Selection vs. Genetic Drift.** | **Students will respond to the probing Questions.** | **Group discussion** | **Practice on quizzes.** | TOTD |
| **Fri day**  **3/14/2025** |  | **Do Now: Questions on the whiteboard** | **Quizzes on Natural selection and Genetic Drift.** | **Quizzes on Natural selection and Genetic Drift.** | **Quizzes on Natural selection and Genetic Drift.** | **Quizzes on Natural selection and Genetic Drift.** | **Quizzes on Natural selection and Genetic Drift.** |