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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.** |