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| **Standards:SB3.A.Use Mendel’s laws (segregation and independent assortment) to ask questions and define problems that explain the role of meiosis in reproductive variability.  B. Use mathematical models to predict and explain patterns of inheritance. (Clarification statement: Students should be able to use Punnett squares (monohybrid and dihybrid crosses) and/or rules of probability, to analyze the following inheritance patterns: dominance, codominance, incomplete dominance.)**  **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**  **02/10/2025** | I am learning about introduction to patterns in heredity & selection. I can analysis the heredity and inheritance | Do Now: Questions on the whiteboard. | **Demonstration on heredity and Inheritance** | **Students will respond to the probing Questions.** | **Think /pair /share** | **quizzes** | TOTD |
| **Tuesday**  **02/11/2025** | I am learning about patterns in heredity & selection. I can analysis the patterns in heredity & selection. | **Do Now: Questions on the whiteboard** | **Unit-4 pre assessment** | **Unit-4 pre assessment** | **Unit-4 pre assessment** | **Unit-4 pre-Assessment** | **TOTD** |
| **Wednesday**  **2/12/2025** | I am learning about Mendel’s law. I can analysis the Mendel’s laws | Do Now: Questions on the whiteboard. | **Demonstration on Mendel law of segregation.** | **Students will respond to the probing Questions.** | **Group discussion on law of segregation.** | **Practice on quizzes.** | TOTD |
| **Thurs day**  **2/13/2025** | I am learning about Mendel’s law of **independent assortment** I can analysis the mendal’s law of independent assortment  . | **Do Now: Questions on the whiteboard** | **Demonstration on** Mendel’s law of independent assortment. | **Students will respond to the probing Questions.** | **Funnet chart discussion** | **Practice on quizzes.** | TOTD |
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