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| **S Standards: SB2.a.** Construct an explanation of how the structures of DNA and RNA lead to the expression of information within the cell via the processes of replication, transcription, and translation.  **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**  **01/06/2024** | I am learning about teacher expectations in the class and semester-II syllabus I can analysis the teacher expectations and semester-II syllabus | Do Now: Questions on the whiteboard. | **Introduction to semester-II syllabus & teacher expectations in the class.** | Students will respond to the probing questions. | Group discussion on semester-II syllabus | presentations | What **is DNA?** |
| **Tuesday**  **1/07/2024** | I am learning about pre assessment Unit-3B Human on Earth. .  I can analysis the pre assessment Unit-3B Human on Earth.. | Do Now: Questions on the whiteboard. | **Pre-Assessment on UNIT-3B structure and functions of molecular Genetics** | **Pre-Assessment on UNIT-3B structure and functions of molecular Genetics** | **Pre-Assessment on UNIT-3B structure and functions of molecular Genetics** | **Pre-Assessment on UNIT-3B structure and functions of molecular Genetics** | **What is DNA replication, and why is it essential for cell division?** |
| **Wednesday**  **1/8/2024** | I am learning about DNA structure and replication .  I can analysis the replication of DNA. | Do Now: Questions on the whiteboard. | **Demonstration on DNA replication** | **Students will respond to the probing Questions.** | **Group discussion DNA structure** | **Drawing DNA** | **Why is DNA replication considered a bidirectional process? How does this affect the replication bubble?** |
| **Thurs day**  **1/09/2024** | I am learning about RNA structure and replication .  I can analysis the replication of RNA. | **Do Now: Questions on the whiteboard** | **Demonstration on RNA replication** | **Students will respond to the probing Questions.** | **Group discussion DNA structure** | **Practice on quizzes.** | **What is RNA replication, and how does it differ from DNA replication?** |
| **Fri day**  **1/10/2024** | **review**  review | **Do Now: Questions on the whiteboard.** | **Quizzes on DNA & RNA replication.** | **Quizzes on DNA & RNA replication.** | **Quizzes on DNA & RNA replication.** | **Quizzes on DNA & RNA replication.** | **Quizzes on DNA & RNA replication.** |