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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
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| **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.** |