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| **Standards: SB1. A. construct an explanation of how cell structures and organelle (includes nucleus, cytoplasm, cell membrane, cell wall ,chloroplast ,lysosomes ,Golgi ,endoplasmic reticulum, vacuoles, ribosomes and mitochondria) interact as a system to maintain homeostasis.**  **SB1. B. Develop and use model to explain the role of cellular reproduction (incudes binary fission, mitosis and meiosis) in maintaining genetic continuity.**  **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 |
| **Mon day** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about kingdom animalia.  I can explain the different phylums in kingdom animalia. | **Do Now:**  **What are four major groups of kingdom plantae?**  **.** | **Demonstration on Kingdom Animalia** | **Students will use worksheet to respond probing questions** | **Discussions on different phylum of kingdom animalia** | **Quiz on kingdom animalia** | **What does the hierarchical classification of animals include?** |
| **Tuesday** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I am learning about cell and cell organelle.  I can explain about different cell organelles | **Do Now: Define Heterotroph?** | **Demonstration on cell and its structure** | **Students will complete the plant cell and animal cell.** | **Discussion on cell and its structure** | **Practice on types of cells** | **What materials compose the cell wall?** |
| **Wednesday** | I am learning about cell and cell organelles.  I can explain about different cell organelles | **Do Now: Questions on the whiteboard.** | **Demonstration on different types of cell organelles.** | **Students will learn more about cell organelles.** | **Discussion on different types of cell organelles** | **Quizzes practice on cell organelles.** | **Exit Ticket:**  **What is the powerhouse of the cell?** |
| **Thurs day** | I am learning about binary fission and mitosis.  I can differentiate the different stages if mitosis. | **Do Now: Questions on the whiteboard.** | **Demonstration on binary fission and mitosis.** | **Students will use worksheet to respond probing questions** | **Lab activity on mitosis. (students will observe stages of mitosis through microscope)** | **Quizzes practice on binary fission and mitosis.** | **Exit Ticket:**  **What is binary fission?** |
| **Fri day** | I am learning about patterns of biodiversity.  I can differentiate pattern of Biodiversity | **Do Now: Questions on the whiteboard.** | **Quizzes on cell and binary fission** | **Quizzes on cell and binary fission** | **Quizzes on cell and binary fission** | **Quizzes on cell and binary fission** | **Quizzes on cell and binary fission** |