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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
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| **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** |