

H/G Biology 1/17/23 Lesson Plans

Teacher : Mrs. Audrey Hardman	
Course/ Subject: Honors/Gifted Biology	
Date of Instruction: 1/17/2023	
<p>Opening (I Do) An engaging process for lesson introduction that is specifically planned to encourage equitable and purposeful student participation. Describe the instructional process that will be used to introduce the lesson. TKES 1, 2, 3,4,5, 8,10</p>	Standard/s: SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells. SCSh4 Students use tools and instruments for observing, measuring and manipulating scientific equipment and materials.
	Learning Target: I will explain the role of cell organelles for both prokaryotic and eukaryotic cells, including the cell membrane, in maintaining homeostasis and cell reproduction.
	Success Criteria: <ul style="list-style-type: none"> • I can understand and use a microscope. • I can identify the 3 Statements of the Cell Theory. • I can differentiate between prokaryotic & eukaryotic cells.
	Introduction/Connection: Why do we need microscopes?/Why is it important for us to have a microscope lab?
	DIRECT INSTRUCTION: Microscope basics ppt
	Work Period (We Do, You Do) Students learning by doing/demonstrating learning expectations. Describe the instructional process that will be used to engage the students in the work period. TKES 1, 2, 3, 4, 5, 7, 8,10
	INDEPENDENT/COLLABORATIVE PRACTICE/DIFFERENTIATION: microscopes POGIL--Prokaryotic/Eukaryotic

	CW/HW: VENN diagram pro/euk &/or small venn diagrams
Closing (We Check) Describe the instructional process that will be used to close the lesson and check for student understanding . TKES : 1,2,3, 4,5,6,7,8	SUMMARIZE/CHECK FOR UNDERSTANDING: Oral review/ status update--Microscope Questions over POGIL