

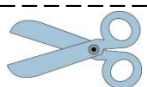
# 1<sup>st</sup> Semester Standards (Performance Objectives)

Unit		Standard (Performance Objective)	TYPE OF Summative Assessment*	ORIGINAL Summative Assessment Grade	RETAKE Summative Assessment Grade
The Cell	Chemistry of the cell	S4 C5 PO 2. Describe the role of organic and inorganic chemicals (e.g., carbohydrates, proteins, lipids, nucleic acids, water, ATP) important to living things.	Test & Cell-in-a-Box		
		S4 C1 PO 2 Explain the importance of water to cells	Lab & Cell-in-a-Box		
	Cell Structures	S4 C5 PO 5. Describe the levels of organization of living things from cells, through tissues, organs, organ systems, organisms, populations, and communities to ecosystems.	Test		
		S4 C1 PO 2. Compare the form and function of prokaryotic and eukaryotic cells and their cellular components.	Test & Cell-in-a-Box		
	Cell Transport	S4 C1 PO 4. Analyze mechanisms of transport of materials (e.g., water, ions, macromolecules) into and out of cells: <ul style="list-style-type: none"> <li>passive transport</li> <li>active transport</li> </ul> S4 C1 PO 1. Describe the role of energy in cellular growth, development, and repair.	Test, Lab & Cell-in-a-Box		
	Cell Energetics	S4 C5 PO 1. Compare the processes of photosynthesis and cellular respiration in terms of energy flow, reactants, and products. S4 C1 PO 1. Describe the role of energy in cellular growth, development, and repair.	Test, Stock Market & Cell-in-a-Box		
	Mitosis	S4 C1 PO 5. Describe the purposes and processes of cellular reproduction. S4 C1 PO 1. Describe the role of energy in cellular growth, development, and repair.	Test & Cell-in-a-Box		
	Meiosis	S4 C2 PO4 Describe how meiosis and fertilization maintain genetic variation.	Article		

\* Type of Assessment is subject to change



Cut along dotted line



Cut along dotted line

