

Name: Mr. Kurt Kerr		Grading Quarter: Fall 1 st Qtr.	Week Beginning: Week 9 9/21-29/23
School Year: 23/24		Subject: Integrated Life Science	
M o n d a y	Notes:	<p>Objective: Students will be able to describe the structures of cell membranes and explain the difference between passive and active transport</p> <p>Lesson Overview: Students will describe the composition of a hypertonic solution and its effect on a cell. Students will describe the composition of a hypotonic solution and its effect on a cell. Egg Osmosis Lab</p>	<p>Academic Standards: NGSS HS-LS2-1,2,3 NGSS HS-LS2-A NGSS HS-LS2-B NGSS HS-LS2-C</p>
T u e s d a y	Notes:	<p>Objective: Students will be able to identify functions of proteins in cell membranes</p> <p>Lesson Overview: Students will describe the composition of an isotonic solution and its effect on a cell. Students will define and explain the role of solvents and solutes and how they effect hyper, hypo, and isotonic solutions Egg Osmosis Lab conclusion</p>	<p>Academic Standards: NGSS HS-LS2-1,2,3 NGSS HS-LS2-A NGSS HS-LS2-B NGSS HS-LS2-C Academic Standards:</p>
W e d n e s d a y	Notes:	<p>Objective: Students will be able to describe the of endocytosis and exocytosis</p> <p>Lesson Overview: Students will complete detailed diagrams of how large molecules are moved in and out of the cell against the concentration gradient.</p>	<p>Academic Standards: NGSS HS-LS2-1,2,3 NGSS HS-LS2-A NGSS HS-LS2-B NGSS HS-LS2-C Academic Standards:</p>

T h u r s d a y	Notes:	<p>Objective: Students will be able to explain the role of cell membranes explain selectively permeable.</p> <p>Lesson Overview Students will compare and contrast osmosis and selectively permeable membranes vs. people and selectively permeable manmade structures. i.e. basketball arenas. Power points</p>	<p>Academic Standards:NGSS HS-LS2-1,2,3 NGSS HS-LS2-A NGSS HS-LS2-B NGSS HS-LS2-C Academic Standards:</p>
F r i d a y	Notes:	<p>Objective: Students will be able to explain the role of cell membranes explain selectively permeable.</p> <p>Lesson Overview Students will compare and contrast active transport and selectively permeable membranes and selectively permeable manmade structures. i.e. basketball arenas. Power points.</p>	<p>Academic Standards: NGSS HS-LS2-1,2,3 NGSS HS-LS2-A NGSS HS-LS2-B NGSS HS-LS2-C Academic Standards:</p>