

WEEKLY LESSON PLANS

Teacher: Mora

Course: AP Biology

Periods: 2, 6

Week of: 09/28/20

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
<u>Unit Learning Goal</u>	The student is able to describe how living systems are organized in a hierarchy of structural levels that interact and construct explanations of the mechanisms and structural features of cells that allow organisms to capture, store, and use free energy.				
<u>Daily Learning Goal</u>	Analyze situations or solve problems to investigate whether dynamic homeostasis is maintained by osmosis	Describe the mechanisms that organisms use to maintain solute and water balance.	Describe the relationship between the functions of endosymbiotic organelles and their free-living ancestral counterparts	Construct models that connect solute concentration with osmosis	Describe the mechanisms that organisms use to transport large molecules across the membrane.
<u>LOs identified in AP Bio CED</u>	2.8	2.6 2.9	2.11	2.8	2.6 2.7
<u>Activities</u>	Water Potential Day! Water potential notes and practice problems. We'll do some together, then they'll do some on their own.	Practice questions and Investigation for part 3 notes Edpuzzle: Bozeman 016 Transport across membranes	Part 4 notes: Endosymbiosis Application questions and CER in notes AP Classroom practice questions: Membrane Transport	Mini-lab demo day: Investigate osmosis using dialysis bags of 0.4 M sucrose submerged in different sucrose concentrations. Calculate % mass change, calculate error, graph results, answer questions	Finish Part 3 notes, on membrane structure and function. Go over water potential answers and do more practice. Finish lab sheet.
<u>Homework</u>	Finish water potential sheet (by Friday's class) AP Daily 2.8 #3 if need water potential help	This is a light work week due to FSA testing for juniors. Please use this time to study and make sure you are learning everything in your notes	AP Daily 2.11	UNIT 2 TEST next week Start working on the PPCs (both MCQ and FRQ)!!	