

WEEKLY LESSON PLANS

Teacher: Mora

Course: AP Biology

Periods: 2, 6

Week of: 10/12/20

	<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 construct explanations of the mechanisms and structural features of cells that allow organisms to capture, store or use free energy.				
<u>Daily Learning Goal</u>	Evaluate the importance of the variety of regulation mechanisms for enzyme activity.	Identify factors, such as pH and temperature, and their effect on enzyme activity.	I am proctoring the PSAT. Period 2 students will go to the cafeteria/auditorium/ or somewhere.	Analyze graphs to predict trends in reaction rate based on changing the enzyme or substrate concentration; compare those graphs to one showing rate as product over time.	Describe how pigments capture light energy and predict why variation in pigment types is evolutionarily advantageous
<u>LOs identified in AP Bio CED</u>	3.1 3.2 3.4	3.3		3.2	3.5
<u>Activities</u>	Unit 3 – Cell Energetics Part 1 Enzymes = Lecture involving notes, discussion, diagrams, and animations	Wrap up part 1 enzyme notes. Work on practice application questions in notes	Mastering Biology Assignment on enzymes Make sure your diffusion and osmosis lab is complete	Finish the questions and ATCs in notes Graph analysis for common enzyme related graph. Enzyme graph comparison google form assignment	Part 2: Photosynthesis lecture, pictures, animations, diagrams, etc on pigments, light, and plant leaf structure
<u>Homework</u>	AP Daily: 3.4, 3.1 Read Pg 126 – 141 by Fri	AP Daily: 3.2 #1 and #2 **#2 is great for identifying controls!!	AP Daily 3.3	AP Classroom: Enzyme Practice (10Q MC) **Use weekend to get caught up on AP Dailies!!	
Diffusion and Osmosis Lab Due Thursday 10/15. Parts 1 & 2 are written on the lab paper. Part 3 needs the full lab report write-up on a google doc and submitted in google classroom.					