

WEEKLY LESSON PLANS

Teacher: Mora

Course: AP Biology

Periods: 2, 6

Week of: 08/31/20

	<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 use models to explain how the subcomponents of a biological polymer and their sequence determine the properties of that polymer.				
<u>Daily Learning Goal</u>	The students will understand the collegiate nature of this course.	The student can plan and implement data collection strategies appropriate to a particular scientific question.	The student is able to analyze data to identify how molecular interactions affect structure and function.	The student can perform data analysis and evaluation of evidence of ocean acidification.	The student can collect data from laboratory results, perform statistical tests using the data, and justify scientific arguments using evidence.
<u>LOs identified in AP Bio CED</u>			1.1	1.1	1.1
<u>Activities</u>	<p>Students will get their syllabus, FRQ do's and don'ts, equation sheet, and lab report instructions.</p> <p>We will go over how to join Google Classroom and AP Classroom</p> <p>Intro to CER process</p> <p>Start chemistry sheet</p>	<p>Go over Qs on Chem Sheet</p> <p>Notes on the parts of the scientific method.</p> <p>Analyze an experiment - their first intro to the high-level scientific experiments we see in AP Bio.</p> <p>Go over how to join Mastering Biology</p>	<p>Start chemistry with notes on properties of water – pair with Nearpod (if we have electronic devices)</p> <p>Apply this knowledge in an assignment called Apply The Concept (ATC).</p> <p>If time, go over it in class</p>	<p>Relate water properties to those of acids and bases – fill out notes</p> <p>Jamboard activity of the different properties of acids and bases and data analysis on the cause and effects of ocean acidification.</p> <p>Intro to graphs and introduce the graph analysis homework</p>	<p>Scientific Method plant assignment as group on Nearpod</p> <p>Introduction to statistics and using CER in lab analysis with Surface Tension Lab Analysis</p>
<u>Homework</u>	<p>Chemistry review sheet</p> <p>AP Classroom (just join)</p> <p>CER Edpuzzle assignment on Google Classroom</p>	<p>MasteringBio Assignment – Scientific Method (Due Thursday)</p>		<p>Due Tuesday:</p> <p>Graph Analysis (in notes)</p> <p>AP Classroom 3 MQs – assignment called “Water”</p>	