

WEEKLY LESSON PLANS

Teacher: Mora

Course: Honors Biology

Periods: 1, 3, 5, 7

Week of: 09/14/20

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
<u>Unit Learning Goal</u>	Students will be able to relate the chemical structure of a molecule with how it functions, focusing on water and the four biological macromolecules. Students will be explain the role of enzymes in biochemical reaction.				
<u>Daily Learning Goal</u>	Explore the scientific theory of atoms by recognizing that atoms are the smallest unit of an element and are composed of subatomic particles that influence bonding.	Explain the difference and give examples of ionic bonds, covalent bonds and hydrogen bonds.	Discuss the special properties of water that contribute to Earth's suitability as an environment for life: cohesive behavior, ability to moderate temperature, expansion upon freezing, and versatility as a solvent.	Students will be able to relate the polar nature of water with the special properties of water that contribute to Earth's suitability as an environment for life.	Use simple models to demonstrate water's cohesive behavior and versatility as a solvent.
<u>Standards</u>	SC.8.N.1.3	SC.8.N.1.3	SC.912.L.18.12	SC.912.L.18.12	SC.912.L.18.12
<u>Activities</u>	Notes on atomic structure – use gizmo for visual and practice Practice using the periodic table to calculate p, n, e, ve Edpuzzle: What are atoms made of?	Notes on chemical bonds – use gizmo for visual and practice Go over Friday's test **If you scored a D or F, come do test repair to improve grade	Use etext to work on 2.2 guided notes on the properties of water If time, start tonight's edpuzzle in class	Finish 2.2 Water notes 2.2 Savvas Interactivity	Properties of water Gizmo: Sticky Molecules
<u>Homework</u>	Finish the Edpuzzle on atoms	None ☺	Edpuzzle "Liquid Awesome"	None ☺	Finish the gizmo at home