

# WEEKLY LESSON PLANS

Teacher: Swanson

Course: Biology

Period(s): 4, 5, 6

Week of: 9/28/20 - 10/2/20

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
<u>Unit Learning Goals</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 explain the role of enzymes in biochemical reactions.				
<u>Daily Learning Goal</u>	Students will determine the number of protons, neutrons, electrons, and valence electrons for an atom using a periodic table.	Students will be able to describe how the number of valence electrons determines the types of bonds an atom will form.	Students will demonstrate their knowledge of Learning Goals 1 and 2.	Students will relate the polar nature of water with the special properties of water that contribute to Earth's suitability as an environment for life.	Students will identify and describe the basic molecular structure of carbohydrates, lipids, proteins, and nucleic acids.
<u>Activities:</u>	<ol style="list-style-type: none"> <li>1. Bell Work: Sketch a Carbon Atom</li> <li>2. Review the Periodic Table/ Color Code Periodic Table</li> <li>3. How to Read a Box on the Periodic Table Practice</li> </ol>	<ol style="list-style-type: none"> <li>1. Bell Work: Periodic Table Practice</li> <li>2. Nature of Matter PowerPoint and Guided Notes</li> <li>3. Crash Course Chemistry Videos</li> </ol>	<ol style="list-style-type: none"> <li>1. Bell Work: Nature of Matter</li> <li>2. QUIZ: Learning Goals 1 and 2</li> </ol>	<ol style="list-style-type: none"> <li>1. Bell Work: Chemical Reactions</li> <li>2. Properties of Water Doodle Notes</li> <li>3. Amoeba Sisters Properties of Water Video and Notes</li> </ol>	<ol style="list-style-type: none"> <li>1. Bell Work: Properties of Water</li> <li>2. Carbon Compounds Guided Reading and Notes</li> </ol>
<u>Classwork / Homework</u>	Study for Quiz Wednesday on Learning Goals 1 and 2	Study for Quiz Wednesday on Learning Goals 1 and 2	None	None	None Have a great weekend!