

WEEKLY LESSON PLANS

Teacher: Swanson

Course: Marine Science 1 Honors

Period(s): 3, 7

Week of: 10/12/20 - 10/16/20

	<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 set up a marine aquarium and follow the proper maintenance schedule to keep the aquarium running. Students will explain the nitrogen cycle in an aquarium and be able to test water chemistry.				
<u>Daily Learning Goal</u>	Students will understand the basic dos and don'ts of working with and setting up marine aquariums.	Students will understand the nitrogen cycle and its role in a marine aquarium.	Students will understand how to identify and prevent various fish diseases that can be found in aquariums,	Students will understand what to water quality test in a marine aquarium and how to complete those tests.	Students will understand what to water quality test in a marine aquarium and how to complete those tests.
<u>Activities:</u>	<ol style="list-style-type: none"> 1. Tops 10 Do's and Don'ts of Aquariums Video and Notes 2. Aquarium Volume Video and Notes 3. Aquarium Volume Practice Worksheet 	<ol style="list-style-type: none"> 1. Nitrogen Cycle Notes 2. Nitrogen Cycle and Aquarium Stocking Videos 	<ol style="list-style-type: none"> 1. Finish Filling Tanks/getting tanks running 2. Clean Tanks 3. Aquarium Set Up Worksheet 4. Aquarium Disease Video 	<ol style="list-style-type: none"> 1. How to Test Water Quality in an Aquarium Notes 2. Water Chemistry Testing Worksheet 	<ol style="list-style-type: none"> 1. Set Up Digital Water Quality Testing Log 2. Sample Water Quality Test 3. Test Your Own Tanks
<u>Classwork / Homework</u>	Complete Aquarium Volume Practice Worksheet	None	Finish Aquarium Set Up Worksheet	Finish Water Chemistry Worksheet if Needed	None Have a Great Weekend!