

Playlist 5/13-5/17

Assignment due dates for each assignment will be listed in Google Classroom.

Learning Targets

**Goal:** Use several different ways to determine the quality of water around us.

**Vocabulary:**

- **Bioindicator** – organisms or components of organisms that are used to assess the health of a water system; an organism or community associated with a particular environmental condition a change to the number of organisms or the proportions of the community indicate a change in the environment.
- **Dissolved Oxygen** – Measure of water quality indicating free oxygen dissolved in water.
- **Indicator** – A chemical material or solution which can be used to show (usually by a change in color) the endpoint of a chemical reaction or chemical concentration.
- **Nitrate** – nitrogen compounds used for growth by plants and algae; a compound that can be used by photosynthetic life forms to obtain the nitrogen needed for survival
- **Turbidity** – a measure of the clarity of the water (how clear is it?)
- **Water quality** – used to describe the health of a water system
- **Aquifer** – rock layer that stores water and allows water to flow through it
- **Non-point source pollution** – pollution that comes from many places or sources that is not easily identified; pollution that results from water flow picking up trash, toxic chemicals, and other types of waste
- **Nutrient influx** – nutrients flowing into an area
- **Point Source pollution** – pollution that can be traced to a specific source such as oil that spills from a pipeline
- **Pollutant** – any substance or form of energy that can cause harm to the environment and make it unfit for use by organisms; any substance that can negatively affect an ecosystem
- **Wastewater** – water that runs into drains that may contain sewage and chemicals from homes and businesses or pollutants from industry

Weekly Layout

	<u>In Class</u>	<u>Task to Complete Outside of Class</u>
<b>Monday 5/13</b>	<b>Bellwork:</b> Make sure to type in the answer into your bellwork sheet in Google Classroom. <ul style="list-style-type: none"><li>● <b>What is water quality?-- Discussion</b></li><li>● <b>What are some Water Quality Indicators? How do you know if Water is High Quality or Low Quality? Pollution?</b></li><li>● <b>Discuss an Indicator called:</b></li></ul>	Quizlet <a href="#">water quality</a> --practice two times different ways by Friday. Periods 1, 3, 4, 8: <a href="#">PSV Week 17</a> Period 2: <a href="#">PSV Week 16</a>

	<b>Macroinvertebrates!</b> <ul style="list-style-type: none"> <li>• <b>Intro: Macros Lesson with Erie Metroparks</b></li> </ul>	
<b>Tuesday</b> <b>5/14</b>	<b>Bellwork:</b> Make sure to type in the answer into your bellwork sheet in Google Classroom. <ul style="list-style-type: none"> <li>• <b>Erie Metroparks: Macro Lab Day!</b></li> </ul>	Quizlet <a href="#">water quality</a> --practice two times different ways by Friday. Periods 1, 3, 4, 8: <a href="#">PSV Week 17</a> Period 2: <a href="#">PSV Week 16</a>
<b>Wednesday</b> <b>5/15</b>	<b>Bellwork:</b> Make sure to type in the answer into your bellwork sheet in Google Classroom. <ul style="list-style-type: none"> <li>• <b>Water pollution CK12 Activity</b></li> </ul>	Quizlet <a href="#">water quality</a> --practice two times different ways by Friday.
<b>Thursday</b> <b>5/16</b>	<b>Bellwork:</b> Make sure to type in the answer into your bellwork sheet in Google Classroom. <ul style="list-style-type: none"> <li>• <b>Lake Erie Crushers Baseball Game: 9:05-1:45</b></li> </ul>	Quizlet <a href="#">water quality</a> --practice two times different ways by Friday.
<b>Friday</b> <b>5/17</b>	<b>Bellwork:</b> Make sure to type in the answer into your bellwork sheet in Google Classroom. <ul style="list-style-type: none"> <li>• <b>NWEA MAP DATA Review Day!</b></li> </ul>	Quizlet <a href="#">water quality</a> --practice two times different ways by Friday.