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

	In Class	Task to Complete Outside of Class
Monday 5/13	Bellwork: Make sure to type in the answer into your bellwork sheet in Google Classroom. • **What is water quality?-- Discussion** • **What are some Water Quality Indicators? How do you know if Water is High Quality or Low Quality? Pollution?** • **Discuss an Indicator called:**	Quizlet water quality--practice two times different ways by Friday. Periods 1, 3, 4, 8: PSV Week 17 Period 2: PSV Week 16

	Macroinvertebrates! • **Intro: Macros Lesson with Erie Metroparks**	
Tuesday 5/14	Bellwork: Make sure to type in the answer into your bellwork sheet in Google Classroom. • **Erie Metroparks: Macro Lab Day!**	Quizlet water quality--practice two times different ways by Friday. Periods 1, 3, 4, 8: PSV Week 17 Period 2: PSV Week 16
Wednesday 5/15	Bellwork: Make sure to type in the answer into your bellwork sheet in Google Classroom. • **Water pollution CK12 Activity**	Quizlet water quality--practice two times different ways by Friday.
Thursday 5/16	Bellwork: Make sure to type in the answer into your bellwork sheet in Google Classroom. • **Lake Erie Crushers Baseball Game: 9:05-1:45**	Quizlet water quality--practice two times different ways by Friday.
Friday 5/17	Bellwork: Make sure to type in the answer into your bellwork sheet in Google Classroom. • **NWEA MAP DATA Review Day!**	Quizlet water quality--practice two times different ways by Friday.