



## ENVIRONMENTAL CAREER DAY FOR 7<sup>TH</sup> GRADERS 2022

Co-sponsored by MBC Association of Monroe Boat Club, Monroe County Community College, Monroe Public Schools, and River Raisin Institute

### Schedule for Monroe Boat Club

	<p><b>Agriculture Specialists, U. S. Customs and Border Protection and Dogs</b></p>	<p>What do U.S. Customs and Border Protection dogs look for when people enter the U.S? Why? How do terrestrial and aquatic invasive species harm plants and animals? What careers are available? What should I do to keep harmful invasive species out of my community?</p>
	<p><b>Gallery Walk Station 1: Water Quality Station 2: Element Testing, Turbidity Testing</b></p>	<p>Lake Erie Commerce and Jobs Annual Water Footprint How is water quality measured? How is water quality affected by fast moving water vs. slow? How do phosphorous and dissolved oxygen affect the Lake Erie ecosystem? How can I help conserve water?</p>
	<p><b>Gallery Walk Station 3: Invasive Species Ecosystem Simulation Game Station 4: Pollinator Study</b></p>	<p>What is an invasive species? What are some aquatic invasive species? What effects can an invasive species have on fish and the Lake Erie ecosystem? How can I help keep invasive species out of Lake Erie? How can I help protect pollinators?</p>
	<p><b>Boat ride or hike and collection of water sample from Lake Erie</b></p>	<p>What happens to waste from a boat? Where does pollution in Lake Erie come from? How does a boat differ from a car in the way it is driven? What are the careers of the captains/co-captains? How can I help keep trash out of the lakes?</p>
	<p><b>Analysis of pH and nitrates of water samples collected from Lake</b></p>	<p>What does pH mean? How does pH and nitrates relate to the Lake Erie ecosystem? What were the readings and their significance of Lake Erie samples? How can I help protect the Lake Erie Ecosystem?</p>

Funded by Monroe County Environmental Fund, MBC Association and River Raisin Institute (501c3s)