

So Long Lake Michigan?

Introduction: Much can be learned from the history of Lake Erie. Lake Erie is a great lake that was considered dead by many people not too long ago. Currently, Lake Erie is on the rebound and is a success story of when human interaction can be positive. In this case study, you will look at the history of Lake Erie and why it went “dead” and what people did to solve the problem. Take a trip to the west of Lake Erie and you come to Lake Michigan. Lake Michigan hold incredible value to the West Michigan community. What can we learn from Lake Erie to help protect the future of Lake Michigan?

Standard: Critically read and understand scientific texts (from multiple sources) to determine central ideas and supporting scientific information.

1 Standard Not Met	2 Progressing	3 Standard Met	4 Exceeds Standard*
	I am able to critically read scientific texts to help me understand the health conditions of Lake Erie and Lake Michigan. However, I am unable to sufficiently describe the health of Lake Erie or Lake Michigan.	I am able to critically read scientific texts to help me understand and describe the health of Lake Erie and Lake Michigan.	

Driving Question: Is Lake Michigan in ecological trouble?

Your Task: Using the Lake Erie Case Study, **create** a Good vs Bad Matrix about the ecological state of Lake Michigan.

Case Study:

1. Video: <https://vimeo.com/59229632>
2. [So Long, Lake Erie](#) (Click Here for Activity to help with reading)
3. [Lake Erie](#) (Click Here for Activity to help with reading)

Resources on Lake Michigan

<u>Articles</u>	<u>Websites</u>
1. Red Flags signal ...salmon Population. 2. Mercury Levels Mostly...	1. Upwellings From Sea Grant 2. Water Pollution in the Great Lakes 3. Urban Sprawl in the Great Lakes 4. State of the Great Lakes (DEQ) 5. Waterlife (only on computer) 6. Healing Great Lakes Stories
<u>Photos</u>	<u>Data</u>
1. Lake Michigan 2. Shipping on Lake Michigan	1. Lake Michigan Water Levels 2. Power Stations in Michigan

Name: _____ Hour: 2 6 7

*****Good/Bad Matrix-- Notes -- Use this to help you create poster*****

*Please set up a page of white paper the following way and complete as your creativity allows:

Lake Michigan Fails (Please Draw Sketch)	Lake Michigan Ecosystem Success Story (Please Draw Sketch)
Causes (Please list causes that contributed to Lake Michigan Ecosystem failing)	Causes/Interventions/Actions (Please list causes, interventions, or actions that contributed to Lake Michigan Ecosystem be a success story!)
** At Bottom of Page:** Write one inspirational slogan that could be used to inspire the above actions or interventions.	

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