

Mid-Michigan Watershed Connections (MMWC) Summary of Meetings & Activities October 2022 - March 2023

MMWC Educator-Led Student Field Experience: Lake Investigations in Michigan and Nature Observations (LIMNO)

October 13 9:00 am - 2:00 pm at Michigan State University Sailing Center, Lake Lansing, Haslett

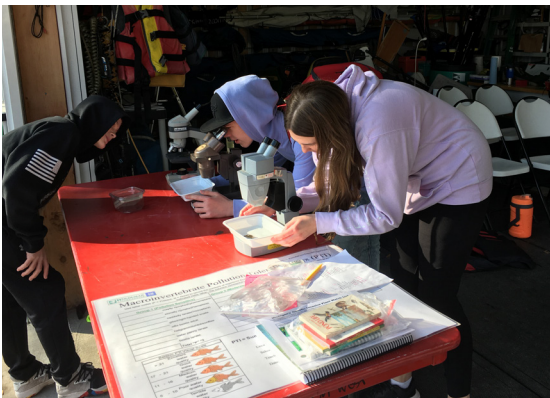
- Teachers and mentors assisted students from grades 9 to 12.
- Activities included:
 - Macroinvertebrate collection and identification
 - Water chemistry testing (nitrates, phosphates, dissolved solids, dissolved oxygen, e. coliform)
 - Other water quality measures (i.e., secchi disk usage for clarity/turbidity)
 - Microorganism collection and microscopic observation/identification;
 - Samples taken at near-shore and from boat
 - Fishing & aquatic ecology;
 - Guided nature walk, students recorded observations about land-use impacts on watershed and lake water quality in journals.



Boat departs for students to collect water samples



Macroinvertebrate sample collection



Examining microorganisms from Lake Lansing



Macroinvertebrate sample identification



Building resource appreciation through recreation



Students perform water chemistry tests

**MMWC Educator-Led Student Field Experience:
Lake Investigations in Michigan and Nature Observations
(LIMNO)**

September 26 8:30 am - 1:300 pm at Michigan State University
Sailing Center, Lake Lansing, Haslett
Activites as per above event held in October.

Proposed Schedule for DeWitt Middle School * Monday September 26, 2022

Prior to arriving students will be divided into three groups.

8:30 am Bus drops off 2 of the 3 groups

<u>Group 1</u>	<u>Group 2</u>	<u>Group 3</u>
Stays on bus; drive to hike site Hike - wetland focus	Go with Stephens to Park FISH South Lake Lansing Park	Remains at MSU Sailing Center 1/2 group on boat 1/2 group - LIMNO on shore 9:10 switch two groups
9:40 drive back to Park -where they will get off	9:50 get on bus -ride to MSU Center	
10:00 Three groups switch Group 1 - FISH 11:20 get on bus	Group 2 does LIMNO 10:35 switch	Group 3 rides on bus to hike site 11: 10 drive back to Park/Center
11:30 Lunch at MSU Sailing Center (or alternatively at Lake Lansing South Park)		
12 noon Group 1 LIMNO program 12:40 switch 1:30 get on bus to return to school	Group 2 - ride to hike 1:10 ride back to Park	Group 3 - FISH 1:20 get on bus to Center

MMWC Educator-Led Student Field Experience:

Lansing Christian Schools, Fall 2022

Students traveled to Sycamore Creek for stream water quality testing. Teacher reports student activities as:

- Microplastic survey at Holland State Park, Camp Geneva
- Raised funds for clean drinking water with World Vision.

Note: follow-up trip to Sycamore Creek to be held in spring 2023.

MMWC Teacher Professional Development Activity:

February 23, 2022 4:30 pm - 7:30 pm at Tri County Regional Planning Commission, Lansing

Participating educators met to discuss projects for Spring and end-of-grant period.

Educators also learned to use The Watershed Game, “an interactive tool that helps community leaders understand the connections between land use, clean water and their community” (NOAA Sea Grant Resource).

<https://seagrant.noaa.gov/News/ArtMID/468/ArticleID/360/The-Watershed-Game#:~:text=The%20Watershed%20Game%20is%20an,choices%20can%20prevent%20adverse%20impacts.>



Photo Credit M Thomas

Mid-Michigan Watershed Connections Participants

First	Last	Org
Bridget	Booth	Haslett Middle School
Mary	Faurot	Potterville High School
Claudia	Foerg	U of D Jesuit High School
Mariah	Gaither	Sexton High School, Lansing
Evelyn	Gray	DeWitt Middle School
Jennifer	Grivins	Eaton Rapids High School
Kelsea	Hector	Eaton Rapids Middle School
Heather	Ingle	St. Mary, Williamston
Kelly	Joos	Lansing Christian High School
Amy	Menke	Mt. Hope Elementary, Lansing
Kari	McCormick	Ovid Elsie High School
Steve	Potter	Holt High School
Carlos	Salais	Waverly High School
Augustus	Schaefer	U of D Jesuit High School
Amy	Smithern	Gardner Middle School, Lansing
Amy	Tomkins	Sexton High School, Lansing
Brandon	Vince	Stockbridge High School
Marlo	Wiltse	Charlotte High School
Jessican	Woodward	Haslett High School
Eric	Zay	Eaton Rapids High School
Lori	Zemke	Stockbridge High School