

JOIN IN THE SPRING OR FALL





OFTHE

Discover your local watershed and how to protect it.

Learn about aquatic sciences outside of the classroom.

Enjoy hands-on



A program coordinated by Tip of the Mitt Watershed Council www.watershedcouncil.org

activities.

Make new friends and have FUN!

Ask your BIO TEACHER for an application or call the Watrshed Council at (231) 347-1181

STREAMS & TEAMS









eam Five Mile Cree











Program Summary

The Tip of the Mitt Watershed Academy engage 9th and 10th grade students in citizen science efforts and place-based education. Members learn stream water quality monitoring techniques and collect data that contributes to Tip of the Mitt Watershed Council's water quality monitoring efforts. The Watershed Academy provides an opportunity for members to connect with both their communities and local water resources. Academy members participate in meaningful environmental stewardship, gain insight into relevant conservation issues and new career opportunities, as well as share their experience with the greater community.

Schools involved in the 2015 Spring Semester of the Watershed Academy included:

- Alanson High School
- Boyne City High School
- East Jordan High School
- Harbor Springs High School
- Pellston High School

Additional schools will be invited to participate this Fall and in 2016.





2015 Spring Watershed Academy.

Funding for this program provided in part by:



Oleson Foundation



FOUND AT ION











426 Bay Street Petoskey, MI 49770 (231) 347-1181

www.watershedcouncil.org





Tip of the Mitt Watershed Academy is a youth education program coordinated by Tip of the Mitt Watershed Council

SESSIONS

Watershed Science:

Overview of watershed science and an introduction to school-specific watersheds

Water Quality Monitoring:

Water quality monitoring basics and the importance of macroinvertebrate identification and analysis.

Field Day:

Applied water quality monitoring within a team's watershed.

Watershed Academy Summit:

Watershed Academy Teams assemble to present their watershed projects to fellow Academy members, families, and community members at North Central Michigan College.

> " I learned so much, and had a lot of fun!"

- Olivia V. from Boyne City High Scho



DISCOVER HOW YOU CAN

Contact Tip of the Mitt Watershed Council (231) 347-1181 • www.watershedcouncil.org

To get a Watershed Academy in your school or to help with a field day, contact

Mackenzie Dix • mackenzie@watershedcouncil.org or Maria Affhalter • maria@watershedcouncil.org

To make a donation to support the program, contact

Gail Gruenwald • gail@watershedcouncil.org

"The students loved it, especially the hands-on experience!"

- Brooke Groff Biology teacher, Pellston High school

OUR PARTNERS

The Watershed Academy also engages other local resource partners, including:

- Little Traverse Conservancy
- Little Traverse Bay Bands of Odawa Indians; Odawa Natural Resources Department
- University of Michigan Biological Station
- Friends of the Boyne River
- Friends of the Jordan River

Support for the Academy comes from:

- Petoskey-Harbor Springs Area Community Foundation
- Charlevoix County Community Foundation
- The Frey Foundation
- Little Traverse Conservancy
- Tip of the Mitt Watershed Council
- Great Lakes Fishery Trust
- Oleson Foundation





Tip of the Mitt Watershed Academy is a youth education program coordinated by Tip of the Mitt Watershed Council

Program Summary

The Tip of the Mitt Watershed Academy engages high school biology students in citizen science efforts and place-based education. Academy members learn stream water quality monitoring techniques and collect data that contributes to Tip of the Mitt Watershed Council's water quality monitoring efforts. The Watershed Academy provides an opportunity for members to connect with both their communities and local water resources. Academy members participate in meaningful environmental stewardship, gain insight into relevant conservation issues and new career opportunities, as well as share their experience with the greater community.

Schools participating in the Watershed Academy included:

- Alanson High School
- Boyne City High School
- Pellston High School
- Elk Rapids High School
- East Jordan High School
- Harbor Springs High School
- Onaway High School

"The students loved it, especially the hands-on experience!" - Brooke Groff

Biology teacher, Pellston High school

Our Partners

The Watershed Academy also engages other local resource partners, including:

- Little Traverse Conservancy
- Little Traverse Bay Bands of Odawa Indians; Odawa Natural Resources Department
- University of Michigan Biological Station
- Friends of the Boyne River
- Friends of the Jordan River

Support for the Watershed Academy comes from:

- Tip of the Mitt Watershed Council
- Little Traverse Conservancy
- Great Lakes Fishery Trust
- AmeriCorps













Watershed Academy Sessions

Watershed Science:

Watershed Academy members are introduced to an overview of watershed science and an introduction to school-specific watersheds.

Water Quality Monitoring:

Members learn water quality monitoring basics and the importance of macroinvertebrate identification and analysis.

Field Day:

Members apply water quality monitoring within a team's watershed.

Stream Data and Team Project:

Teams analyze, compare data, and complete projects to share with the public.

Watershed Academy Summit:

Watershed Academy Teams assemble to present their watershed projects to fellow Academy members, families, and community members at North Central Michigan College.

What are Watershed Academy members saying about the program..

"By learning that every choice affects our watershed, I've learned to make careful decisions."

"I learned so much, and had a lot of fun!"

> Your support impacts the future of Northern Michigan waters.



For information about the Watershed Academy:

Call Tip of the Mitt Watershed Council at (231) 347-1181 or visit our website at www.watershedcouncil.org/watershed-academy

"It was a great experience!"

"I learned how important our watershed is and how important it is to take care of it."

> "In this program I learned how important it is for water to have a filtering system. Not only are trees important for the air, their roots are important for the water health."

To make a donation or help support the Watershed Academy program: Gail Gruenwald, Executive Director at (231) 347-1181 ext. 103 or email gail@watershedcouncil.org



426 Bay Street • Petoskey, MI 49770 (231) 347-1181 • info@watershedcouncil.org www.watershedcouncil.org Watershed Acachy

Watershe

Academy

Our Partners

The Watershed Academy engages other local resource partners, including:

- Little Traverse Conservancy
- Little Traverse Bay Bands of Odawa Indians; Odawa Natural Resources Department
- University of Michigan Biological Station
- Friends of the Boyne River
- Friends of the Jordan River

Support for the Watershed Academy comes from:

- Charlevoix County Community Foundation
- Kroeger-Mainland Family Fund
- Tip of the Mitt Watershed Council

"The students loved it, especially the hands-on experience!" Biology teacher, Pellston High

Watershed Academy Program Summary

The Tip of the Mitt Watershed Academy engages high school biology students in citizen science efforts and place-based education. Members learn stream water quality monitoring techniques and collect data that contributes to Tip of the Mitt Watershed Council's water quality monitoring efforts. The Watershed Academy provides an opportunity for members to connect with both their communities and local water resources. Academy members participate in meaningful environmental stewardship, gain insight into relevant conservation issues and new career opportunities, as well as share their experience with the greater community.

Schools currenty participating in the Watershed Academy:

- Alanson High School
- Boyne City High School
- East Jordan High School

Onaway High School

- Harbor Springs High School
- Bellaire High School
- Boyne Falls High School
- Elk Rapids High School
- Mackinaw City High School
- Pellston High School

Tip of the Mitt Watershed Academy is a youth education program coordinated by Tip of the Mitt Watershed Council

Watershed Academy Sessions

Watershed Science:

Overview of watershed science and an introduction to school-specific watersheds

Water Quality Monitoring:

Water quality monitoring basics and the importance of macroinvertebrate identification and analysis.

Field Day:

Applied water quality monitoring within a team's watershed.

Stream Data and Team Project:

Teams analyze, compare data, and complete projectsto share with the public.

Watershed Academy Gathering:

Watershed Academy Teams assemble to present their watershed projects to fellow Academy members, families, and community members.

I learned so much. and had a lot of fun!"

"I learned how important our watershed is and how important it is to take care of it."











Current

funding for this

program

provided

in part by:





KROEGER-MAINLAND FAMILY FUND





"It was a great experience!"

`By learning that every choice affects our watershed, I've learned to make careful decisions."

For information about the Watershed Academy:

Call Tip of the Mitt Watershed Council at (231) 347-1181 or visit, www.watershedcouncil.org/watershed-academy

To get the Watershed Academy in your school: Maria Affhalter.

Water Resource Education Director maria@watershedcouncil.org (231) 347-1181 ext 116

Eli Baker, Education and Outreach Specialist eli@watershedcouncil.org (231) 347-1181 ext 119

TO MAKE A DONATION

or help support the Watershed Academy program: Gail Gruenwald,

Executive Director (231) 347-1181 ext 103 gail@watershedcouncil.org



426 Bay Street • Petoskey, MI 49770 (231) 347-1181 • info@watershedcouncil.org www.watershedcouncil.org

Gerning to protect unat una long



THE



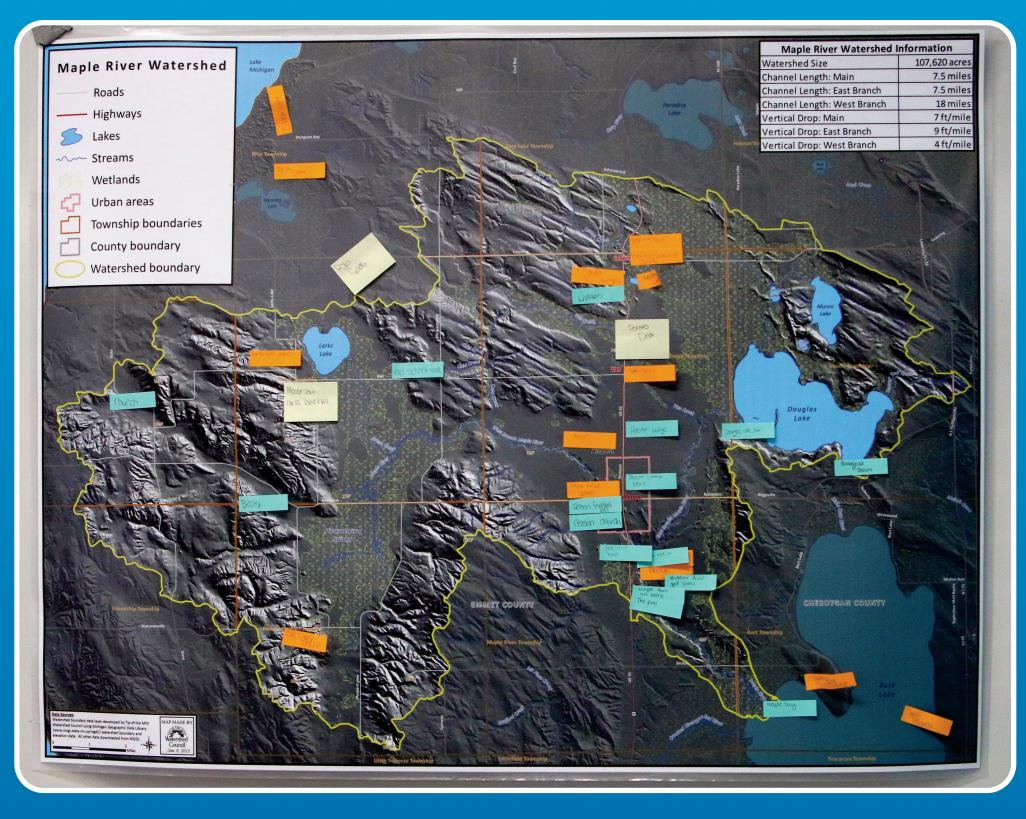


Learning about...

Water Quality Monitoring

Water Chemistry





Watersheds

Field Research





Macroinvertebrates

Teamwork and Stewardship