



WEST MICHIGAN ACADEMY
OF ENVIRONMENTAL SCIENCE

SECONDARY BIG EXPERIENCES

COMMUNITY/TEAM BUILDING

- Service Day (6th Grade)
- Canoe Trip (10th Grade)
- Michigan Adventure (11th Grade)
- Senior Trip (12th Grade)
- Service Learning Trip (11th/12th Grade)

ENVIRONMENTAL EDUCATION

- Camp! (6th Grade)
- DJ Angus Research (7th Grade)
- Beaver Island (8th Grade)
- Salmon Release (9th Grade)
- Watershed Trip (10th Grade)

CAREER COLLEGE PREPARATION

- Central Michigan University Tour (7th Grade)
- Job Fairs/College Visits (11th/12th Grade)

ACADEMIC CONNECTIONS

- To Kill a Mockingbird Court (8th Grade)
- Holocaust Museum (9th Grade)



SERVICE DAY (6TH GRADE): We will partner with a local organization and provide needed services for the day. As a thank you, we will conclude the day with a fun team building experience.

CAMP! (6TH GRADE): We will spend 3 days and 2 nights at a local camp. During the experience, students will spend time boating, horse riding, high ropes, team building, survival, among others.

CENTRAL MICHIGAN UNIVERSITY TOUR (7TH GRADE): Being on a college campus can be an exhilarating feeling. We will tour with representatives who will share the benefits of joining CMU after graduating from a CMU authorized school! During the visit, students will learn about the unique opportunities CMU offers, areas of study, and what it's like to live on campus. Fire up Chips!

DJ ANGUS RESEARCH (7TH GRADE): While aboard GVSU's vessel, the DJ Angus, students will engage in a unique, hands-on learning opportunity to participate in water quality testing in both Spring Lake and Lake Michigan. Students will collect water samples, determine the turbidity of the water and collect macroinvertebrates to determine the overall health of the water.

BEAVER ISLAND (8TH GRADE): WMAES students will join CMU in an overnight experience to support their research, observe the dark sky, study the geology of the island, invasive species research, experience distinct ecosystems, and other outdoor adventures.

TO KILL A MOCKINGBIRD COURT (8TH GRADE): The monumental moments of the end of To Kill A Mockingbird will be played out in local court by our own students!

SALMON RELEASE (9TH GRADE): In a partnership with Michigan Department of Natural Resources(MDNR), students will receive salmon eggs, and watch them grow through their various stages of life for several months. Students will go to a local river with the 3"-5" salmon that they have raised at WMAES to release them. Salmon release data is shared with MDNR in an effort to sustain our salmon populations in Michigan.

HOLOCAUST MUSEUM (9TH GRADE): This is an opportunity for our 9th grade students to immerse themselves in the history of the Holocaust that they read about in the book Night by Elie Wiesel.

CANOE TRIP (10TH GRADE): Our 10th graders that create memories and establish long lasting friendships. The students connect with nature while moving down the river.

WATERSHED TRIP (10TH GRADE): After long hours of learning, 10th graders will put their knowledge to work by exploring one of the great lakes with underwater drones, building solar powered boats, and learning how to operate a sailing vessel.

MICHIGAN ADVENTURE (11TH GRADE): 11th grade who have gone the extra mile in SAT preparation class and doing their best on the SAT assessment will be rewarded with a trip to celebrate their efforts at Michigan Adventure.

SENIOR TRIP (12TH GRADE): After 13 years of school and pushing through their last year, the senior class will create long lasting memories with a class trip. We will travel out of state to see a part of the United States that has some significant connection to what they have learned during their time at WMAES.

JOB FAIRS/COLLEGE VISITS (11TH/12TH GRADE): The event provides a one-stop preview for the upperclassmen. They can talk to many college representatives, recruiters, and tradesmen while exploring the potential options they have after graduation.

SERVICE LEARNING TRIP (11TH/12TH GRADE): 11th and 12th graders can choose to go on an adventure that offers them the chance to give back to their community. Students help the environment in places they visit by creating trails, picking up storm debris, assisting with invasive species, or anything to support the organization.