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FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

YMCA CAMP Y-KODA
OUTDOOR SKILLS & EDUCATION
Outdoor and Environmental Education Brochure

WELCOME



DEAR TEACHERS,

Thank you for considering an environmental education program with Camp Y-Koda Outdoor Skills and Education. We offer a wide variety of high quality environmental education programs for students of all ages at a variety of locations including Camp Y-Koda, Maywood Environmental Park, the Sheboygan County Marsh, Kiel Marsh and Deland Park Beach. If you can't make it to us, we can bring nature to your classroom.

We believe that the best learning experiences are those designed to reinforce concepts being learned in the classroom. Therefore we will work with you to select and modify programs as needed to meet all of your student's needs. We also believe that environmental education is at its best when it is integrated and infused across curriculum, rather than being treated as a separate discipline or subject area. Our programs are designed around state and national standards and reflect best practices created by the North American Association of Environmental Education.

Our field experiences are designed around our local environment because we believe that the importance of where one lives is relevant to learning. Close to home - place based education encourages learners to form connections with, explore and understand their immediate surroundings. The knowledge and skills needed for this local connection provides a foundation for further examination of larger systems, bigger issues and an expanding understanding of the natural world and its complexities.

Our experiences are designed to be rooted in the real world so that learners have opportunities to be curious about careers in science and to allow development of knowledge and skills through direct experience with the environment and its issues. Contact us to discuss what we can do for you and your students. We are your partner in education.

Sincerely,

Sarah

Sarah Dezwarte, M.S. Ed
Director of Education
Sheboygan County YMCA - Camp Y-Koda Outdoor Skills and Education



WHY ENVIRONMENTAL EDUCATION IS IMPORTANT

Tomorrow's leaders need to be equipped for tomorrow's challenges, and we must adequately prepare our children for the future they will inherit. That requires a commitment to providing children with environmental education that helps them become the educated thought leaders of tomorrow. It also means supporting teachers and caregivers as they engage their children in outdoor studies and environmental issues.

Raising an environmentally literate generation of problem solvers will help ensure that tomorrow's decision-makers are prepared for the challenges they will likely face. Studies have shown environmental education engages students in learning, raising test scores and encouraging youth to pursue careers in environmental and natural resources.

BENEFITS OF ENVIRONMENTAL EDUCATION (EE)

Research suggests that environmental education brings a slew of benefits to students. A few key findings include:

- **Studying EE Creates Enthusiastic Students, Innovative Teacher-Leaders:** EE offers opportunities for rich, hands-on, real world and relevant learning across the curriculum (Archie, 2003).
- **EE Helps Build Critical Thinking and Relationship Skills:** Environment-based education emphasizes specific critical thinking skills central to "good science" - questioning, investigating, forming hypotheses, interpreting data, analyzing, developing conclusions and solving problems (Archie, 2003).
- **EE Instructional Strategies Help Foster Leadership Qualities:** Environmental education emphasizes cooperative learning (i.e., working in teams or with partners), critical thinking and discussion, hands-on activities and a focus on action strategies with real-world applications (NAAEE & NEETF, 2001).
- **Self-Control/Self Discipline Benefits for Children with ADD:** Taylor and her colleagues found that children with attention-deficit disorder (ADD) benefited from more exposure to nature; the greener a child's everyday environment, the more manageable are the symptoms of ADD (Taylor, 2001).
- **Increased Focus/Improved Cognition:** Wells observed that proximity to nature, access to views of nature and daily exposure to natural settings increases the ability of children to focus and improves cognitive abilities (Wells, 2000).
- **Health Benefits:** At the school environment level, Bell and Dymont observed that children who experience school grounds or play areas with diverse natural settings are more physically active, more aware of good nutrition, more creative and more civil to one another (Bell, 2006).

GENERAL INFORMATION

Field experiences are available year-round. See the time of year recommendations on each page. Programs run rain or shine, so encourage students to dress in layers for all kinds of weather. Our philosophy is that there is no bad weather, only bad clothes. **Please see the included "How to Dress for the Weather" on page 16.** Bug spray, sunscreen, hats/sunglasses, water bottles and ponchos are recommended.

OUR ENVIRONMENTAL EDUCATION GOALS

- Promote responsible stewardship of our environment.
- Provide high quality hands-on education.
- Provide meaningful, developmentally appropriate learning opportunities for all learners.
- Foster a climate and culture of wonder and exploration that leads to asking questions and seeking evidence to answer questions.
- Provide learning experiences that support and reinforce classroom curricula.
- Design programs that are place based, local and aligned to standards and best practices in education.

CURRICULUM

All curriculum is aligned to the following standards:

- Wisconsin Model Academic Standards
- Common Core State Standards
- Next Generation Science Standards

SCHOOL PROGRAM OPTIONS

- Field experiences at Camp Y-Koda, Maywood Environmental Park, the Sheboygan County Marsh, Kiel Marsh and Deland Park Beach.
- Outreach programs at your school.
- After-school programs at your school.
- Professional development opportunities for adults and teachers.
- District partnerships - we work with administrators to develop custom year-round programming.
- Service projects (invasive species removal, water quality testing, clean-up projects, citizen science).
- Special events for scouts, 4-H and other community clubs and groups.

CHAPERONES

All school groups must be accompanied by a classroom teacher as well as responsible chaperones. Our recommendation is 4 chaperones per 15-20 students. Chaperones are an important part of our field experience so please select chaperones who will be an asset to the program.

Before leaving your school, please review the guidelines with students and parent chaperones. Parents and staff attending field trips as designated chaperones **should expect to actively support the learning process. The first 16 chaperones are free. After 16, fees apply at the student rate.**

We ask that chaperones:

- Dress for the weather.
- Leave cell phones and other electronics in their car.
- Assist with lunch.
- Help with supervision of children.
- Be enthusiastic learners.

RESERVATIONS

Please contact Sarah Dezwarte, Director of Education at sdezwarde@sheboygancountymmca.org to make a program reservation. All reservations must be made via email.

To make a reservation, the following information is needed:

1. Number of students/participants.
2. Grade level of students/participants.
3. Modifications needed for special education students.
4. Two or three potential dates for the program.
5. Field experience name, location and activity selections (if applicable).

CONFIRMATION AND INVOICING

Confirmation will be sent via email. The invoice will come via email from Seth Cutright, Education Assistant. If you have any questions or have not received your invoice, please contact Seth at scutright@sheboygancountymmca.org. Invoices must be paid 14 days prior to your field experience.

WEATHER

We are a rain or shine field experience because we feel that children need to understand the importance of dressing for all kinds of weather. However, we believe in the power of the positive experience. We understand that not all students have equal opportunity to outdoor gear. Therefore, if the weather is severe, Sarah Dezwarte will contact you to discuss cancellation, rescheduling or program modifications for your group.

"Sunshine is delicious, rain is refreshing, wind braces us up, and snow is exhilarating; there is no such thing as bad weather, only different kinds of good weather." - John Ruskin

Please plan to arrive no more than 15 minutes prior to the start of your scheduled field experience. Our staff will greet you at the planned start time of your scheduled field trip (if you arrive early, staff will still be setting up the program.) If you arrive early, please patiently wait with your students outside so that you are not disturbing other field experiences or programs that may be in progress.

FUNDING RESOURCES

Sponsor a Classroom

Funds individuals that may not be able to afford field trip expenses.

Go Outside Fund

Wisconsin Natural Resources Foundation

Target

Target Field Trip Grants @ Target.com

Target will award 5000 field trip grants up to \$800 each during the school year.

Lowes Charitable Foundation

Lowes Grants @ Lowes.com/community

Administers grants to schools that provide outdoor, hands-on science education to students in grades K-12 and assists schools in enhancing their core curriculum in all subjects.

LOCATIONS

CAMP Y-KODA OUTDOOR SKILLS AND EDUCATION W3340 Sunset Road, Sheboygan Falls, WI 53085

Camp Y-Koda is located on a beautiful 80-acre parcel just west of Sheboygan Falls. The property is bordered by the Sheboygan River to the north and east, has a three acre lake, wetlands, forests and more than five acres of prairie. Camp Y-Koda was founded in 1969 by the Sheboygan County YMCA and has offered summer camp experiences ever since. In 2001, Camp Y-Koda merged with the Outdoor Skills Center and officially became known as Camp Y-Koda Outdoor Skills and Education. The merger combined two organizations that shared the same passion of providing valuable outdoor experiences to youth, families and community members. Today, Camp Y-Koda is one of the premier summer day camps in the state, serving roughly 1900 campers each summer through more than 80 different camp choices. Camp doubles as a year-round, award-winning environmental education center serving more than 50 schools and tens of thousands of students annually.

MAYWOOD ENVIRONMENTAL PARK

3615 Mueller Road, Sheboygan, WI 53083

Maywood offers six diverse ecosystems including ponds, the Pigeon River, a maple forest and a prairie. In addition, there is an arboretum and a butterfly/hummingbird garden on its 135 acres, making it the perfect site for educational field trips. Maywood Nature School 4K is located at this site, as well as annual summer camp opportunities.

SHEBOYGAN COUNTY MARSH

W7039 County Road S R, Elkhart Lake, WI 53020

Sheboygan Marsh Wildlife Area lies in northwestern Sheboygan County just a mile west and north of Elkhart Lake. The area historically known as Sheboygan Marsh includes over 14,000 acres of land and surface water. It contains the largest restored wetland in the Wisconsin watersheds of Lakes Michigan and Superior. The marsh lies in Wisconsin's ecological tension zone. It is also located within the inter-lobate moraine that was deposited by glaciers 12,000 to 14,000 years ago during the Wisconsin Ice Age. Large areas of deep and shallow marshes, shrub swamps, lowland forests, wet meadows and upland grasslands (prairies) are the dominant ecosystems of the wildlife area. The Sheboygan River flows through the marsh and its waters are held back by a dam at the northeast corner of the marsh. The Sheboygan Marsh lies in a 133-square-mile watershed.

KIEL MARSH/HERMITAGE CONSERVATION CLUB

N9426 State Road 67, Elkhart Lake, WI 53020

Kiel Marsh Wildlife Area is an 843-acre property located just south of the city of Kiel in east-central Wisconsin. The property lies at the junction of Sheboygan, Calumet and Manitowoc counties. The Sheboygan River meanders lazily for three miles through the entire length of the property. An extensive shallow water marsh of cattail and other emergent aquatic plants parallels the main river channel on both sides. Programs done at the Kiel Marsh are held on the Hermitage Conservation Club property.

DELAND PARK BEACH

715 Broughton Drive, Sheboygan, WI, 53081

Deland Park Beach is one of Sheboygan's many beaches on beautiful Lake Michigan. The beach was modified for human use and consists of soft sand from the water all the way to the sidewalk that borders the park. Recently, thanks to the Great Lakes Restoration Initiative, the beach is being restored to improve its health so that this rare ecosystem can once again support native flora and fauna.

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ELEMENTARY SCHOOL PROGRAMS AT YOUR SCHOOL



AT YOUR SCHOOL

We come to your school! Outreach classroom programs on pages 6 - 7 are designed especially for your classroom. We will send an environmental educator to your classroom to present a hands-on program to your students.

AMPHIBIANS

Grades..... 4K - 3
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

Students will learn what it means to be an amphibian through an interactive PowerPoint presentation in the first part of this program. They will observe amphibian life cycles, and look at some of the amphibians living in Wisconsin and listen to their calls. One student will be dressed to look like a frog to demonstrate structure and function.

BATS

Grades..... 2 - 5
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

Don't bat your eyes at this one! This program begins with an interactive PowerPoint presentation. During the presentation, students compare their skeletons to a bat's skeleton, view and discuss bat structure and function and learn about a few common bat myths. After the presentation, the students will take an up-close look at real bat skulls from the vampire bat, little brown bat, big brown bat and the fruit bat. The program will wrap up with a quick echolocation activity and finally an activity demonstrating how female bats find and care for their young in the pup-filled colony after a night out hunting for prey.

LAST VOYAGEUR

Grades..... 3 - 6
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

Travel back in time to learn more about the fur trade and Native Americans during this time period. Students will look at commonly traded furs and one student will be dressed to look like a traditional fur trader from the 1600's.

ELEMENTARY SCHOOL PROGRAMS AT YOUR SCHOOL



LUMBERJACKS OF WISCONSIN

Grade 4
Length..... 1 ½ Hours
Fee \$3.50 per Student
Limit..... 30 Students
When..... Year Round, except May

How did Wisconsin become the state we see today? Lumberjacks largely influenced our history. Meet one of our lumberjacks as he shares life stories and shows some of the tools he used to make his living. Students will spend the first part of the time in the classroom, then go outside to learn about lumberjack tools and activities. This portion is hands-on.

MAMMALS

Grades..... 1 - 3
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

Students will have the opportunity to take a close look at what mammals live here in Wisconsin. Some will be familiar while others are little known about. Students use the words herbivore, carnivore, omnivore, predator and prey during the "fur guessing game." A skull investigation will be posed to the students as they try to gather evidence to determine if various mammal skulls belong to an herbivore, carnivore or omnivore.

MONARCHS

Grades..... 1 - 3
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... July, August, September, Summer School

Join us as we explore why monarchs are insects, their life cycle and simulate the challenges of their long migration. Students will view monarch parts under a microscope as we move through stations.

OWLS

Grades..... 5K - 2
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

Students will explore owl wings, skulls and talons hands-on. They will also learn about their structure and function. They will take a look at which owls live here in Wisconsin and compare sizes and their calls. During the last portion of the program, students become owl scientists as they ask the question "What do barn owls eat?" They will gather evidence as they dissect an owl pellet and match bones to a bone sorting chart.

ELEMENTARY SCHOOL FIELD EXPERIENCES



FOSSIL FIELD TRIP

Grades..... 2 - 3

Length..... 1 ¼ Hour

Fee \$3.25 per Student

Limit..... 60 Students

When..... September, October, November

at Camp Y-Koda

Fossils are evidence of remains of once-living plants or animals. They provide evidence of the past existence of a wide variety of life-forms, most of which have become extinct. The fossil record also provides evidence that populations have undergone change through response to changes in their environment. Students will spend a morning or afternoon as a paleontologist exploring molds and casts and sorting fossils, and then participate in a mini-fossil dig.

HABITAT HIKES

Grades..... 4K - 1

Length..... 1 ½ or 2 ½ Hours

Fee \$3.50 or \$4.50 per Student

Limit..... 60 Students

When..... Year Round

at Maywood

Habitat hikes are led by an environmental educator. Students will learn about at least two different habitats and some of the animals that live there. Habitat hikes are customizable based on your classroom curriculum. Hike themes change with the seasons.

MONARCH BUTTERFLIES

Grades..... 2 - 5

Length..... 2 ½ Hours

Fee \$4.50 per Student

Limit..... 60 Students

When..... September, October, Summer School

at Maywood

This field experience is available during the first week of September through the first week of October, the peak of Monarch migration. Students will move through stations to view live Monarchs, learn about their life cycle, dress up like a butterfly and use bubbles and nets to learn how to safely catch them. Students will learn how to identify milkweed, the main food source for Monarch caterpillars and learn about the challenges of their long migration.

PLANTS AND BEES

Grades..... 2 - 5

Length..... 2 ½ Hours

Fee \$4.50 per Student

Limit..... 60 Students

When..... September, October, May, June

at Maywood

Students will view plant parts through microscopes, learn how seeds travel and learn the buzz on bees. Students will also be able to view the educational bee hive with real bees.

ELEMENTARY SCHOOL OUTDOOR EDUCATION FIELD TRIPS



GREAT LAKES FIELD TRIP

Grade 3

Length..... 3 Hours

Fee \$6.00 per Student

Limit..... 60 Students

When..... September, October

• at Deland Beach •

As scientists, students will investigate the beach at Deland Park in Sheboygan looking for signs of a healthy ecosystem. They will also participate in several real-life science investigations, asking questions and defining problems along the way. This is a ½ day program.

TERRESTRIAL INVERTEBRATE FIELD STUDY

Grades..... 3 - 6

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 60 Students

When..... September, October, November

• at Camp Y-Koda •

Students engage in the scientific practices of collecting and analyzing biological inventory data. They analyze citizen science data to learn about terrestrial invertebrates in the various ecosystems of Camp Y-Koda.

SAPPIN' AND SAWIN'

Grade 4

Length..... 5 Hours

Fee \$7.25 per Student

Limit..... 60 Students

When..... March

• at Maywood •

This program combines Maywood's Maple Sugar Program with Camp Y-Koda's Lumberjacks of WI program! Students will rotate through both part 1 and 2 of the program between 9:30am and 1:45pm.

Part I: Maywood Maple Sugar Program

The Maywood Maple Sugar Program introduces students to Wisconsin's annual spring tradition of "sugaring." Ever since the Native Americans discovered the flow of sweet maple sap in early spring, people have made maple syrup. Students will learn the science behind the sap, and see an old time sugaring operation in use. In addition, students will learn firsthand how to tap a tree while building an understanding for proper care of our forests. However, tasting real syrup on pancakes during their Maywood visit has always been a favorite of students and teachers alike. Please note this portion can be done as a stand-alone program at \$4.25 per student for 2 -2 ½ hours depending on group size.

Part II: Lumberjacks of Wisconsin

How did Wisconsin become the state we see today? Lumberjacks largely influenced our history. Meet one of our lumberjacks as he shares life stories and shows some of the tools he used to make his living. Students will spend the first part of the time in the classroom, then go outside to learn about lumberjack tools and activities. This portion is hands-on. Students are encouraged to dress like lumberjacks for this field experience.



AT YOUR SCHOOL

We come to your school! Outreach classroom programs on page 10 are designed especially for your classroom. We will send an environmental educator to your classroom to present a hands-on program to your students.

BUTTERFLIES

Grades..... 6 - 8
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... September, October, Summer School

Students will learn about Monarchs and their treacherous journey to Mexico and the many challenges they encounter along the way. Students will examine the life cycle of the Monarch and learn about the issues Monarchs are facing and how they can help.

SNAKE ECOLOGY

Grades..... 6 - 8
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

The snake program is a student favorite! It is no secret that people have long feared snakes. For centuries, snakes have been misunderstood, under-appreciated, even heavily persecuted. However, most of us are enthralled with them and our natural curiosity seeks to better understand them. Students will learn general snake biology and behavior to help them better understand the importance of snakes and their structure and function. We will discuss life cycle, adaptations and look at the snakes native to WI. The best part is that we bring a live snake for students to hold.

WOLF ECOLOGY BASICS

Grades..... 6 - 8
Length..... 1 Hour
Fee \$3.25 per Student
Limit..... 30 Students
When..... Year Round

What is biodiversity? Do wolves have an impact on biodiversity? This is a current issues program as wolves have become a very controversial topic in Wisconsin. During a PowerPoint presentation, students will learn about basic wolf ecology and how populations are studied by scientists and what scientists have learned about wolves by studying them. Students will also do a herbivore, omnivore and carnivore skull investigation, pass around real wolf pelts and use telemetry to track a wolf.

MIDDLE SCHOOL ECOLOGY FIELD EXPERIENCES



LAKE MICHIGAN ECOLOGY & SHIPWRECK MAPPING

at Deland Beach

Grades..... 6 - 8

Length..... 3 Hours

Fee \$6.00 per Student

Limit..... 60 Students

When..... September, October

Students spend the day on the beach of Lake Michigan as a scientist. They will map the Lottie Cooper shipwreck for artifacts like an underwater archeologist and carry out an investigation during a beach quadrat study along a transect and more. This is a ½ day field trip.

RESIDENT OUTDOOR ECOLOGY EXPERIENCE

at Camp Y-Koda

Grades..... 6 - 12

Length..... 1, 2 or 3 Days

Fee \$15 - \$25 per Student, per Day

Limit..... 60 Students

When..... September, October, November

Resident: Students will stay overnight in one of our many bunk rooms/cabins.

Outdoor: Ecology experiences will be designed for your students that take place in the outdoors.

Ecology: The students will view the topic through the lens of ecology. They will ask questions, define problems, develop models, plan and carry out investigations and use real life techniques and equipment.

Experience: Educational experiences that are designed to be meaningful and high quality in nature that meet standards and best practices.

Please call to discuss the options. All resident programs are designed for you.

MONARCH ECOLOGY

Grades..... 6 - 8

Length..... 3 Hours

Fee \$6.00 per Student

Limit..... 60 Students

When..... September, October

at Camp Y-Koda

Explore Monarchs and the challenges they face as they try to survive in Wisconsin. Students will ask questions, define problems and analyze data as they learn about these magnificent creatures.

WETLAND ECOLOGY

Grades..... 5 - 12

Length..... 7 Hours

Fee \$28.50 per Student

Limit..... 60 Students

When..... September, October, May, June

at Kiel Marsh or Sheboygan Marsh

This two-day field experience is held at the beautiful Sheboygan or Kiel Marshes. The wetland ecology daily activities are outlined below.

Day One

The students will partake in a canoe tour of the wetland learning about the natural history, and observing biodiversity and ecological interactions within the area. Discussions will be generated around key concepts including: succession, ecosystems, community, food chains, wetland functions and more. Students will participate in an activity showing how wetlands have been diminished over time.

Day Two

On the second day, students will use the scientific method to determine if the marsh is a healthy ecosystem based on macro invertebrate sampling and identification. Students will also participate in activities that demonstrate the relationship of predator and prey, and competition.

MIDDLE SCHOOL OUTDOOR ADVENTURE DAY FIELD TRIPS



AT CAMP Y-KODA

Outdoor Adventure Day Field Trips at Camp Y-Koda include four of the activities listed on pages 12 - 13. Review the list of options for students to build their own adventure day.

ARCHERY

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

Students will learn the parts of the bow and arrow. They will learn about safety and then proper shooting technique on a compound bow. The program will end with a short competition, time permitting.

BB GUN

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

Gain an appreciation for this sport, while learning safety and technique from our qualified staff.

CANOEING AND KAYAKING

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... September, October, May, June

Students will briefly learn canoe and kayak techniques. The majority of the time will be spent paddling around the pond.

CLIMBING WALL

Grades..... 6 - 8
Length..... 1 Hour
Fee \$8.50 per Student
Limit..... 100 Students
When..... Year Round

This is a student favorite! Participants will get a chance to climb our 40 foot rock wall. This is a great activity for encouragement from classmates. We also stress choosing a goal on the wall and trying to get to it.

COMPASS COURSE

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

Students will learn how to use a compass and then test their skills on our course.

GEOCACHING 101

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

Find caches hidden around camp using hand held GPS units. Instruction focuses on GPS basics and geocaching etiquette.

MIDDLE SCHOOL OUTDOOR ADVENTURE DAY FIELD TRIPS



OUTDOOR SURVIVAL

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

We will put your campers to the test with a survival scenario. Students will also learn fire building techniques and build shelters at our primitive site.

TEAM BUILDING I ROPE SWING AND ISLANDS

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

This is a great fall activity for the beginning of the school year, but is available from April - November. After each team building activity, students will be asked to reflect on their use of communication with their classmates.

Rope Swing

The group must figure out how to get from one side of an imaginary river to the other by use of a rope that is hanging in the middle. They will not have any resources to get the rope and once they do, they must all get across to the other side.

Islands

The group must cross from a mainland to another mainland by way of an island in the middle. They will have one board that they can use to get across, but the board does not reach from island to island. The board is not allowed to touch the ground.

TEAM BUILDING II

BLIND HUNTER, HOT CHOCOLATE AND ROPE MAZE

Grades..... 6 - 8
Length..... 1 Hour
Fee \$7.25 per Student
Limit..... 100 Students
When..... Year Round

This is a great fall activity for the beginning of the school year, but is available from April - November. These team building events stress leadership, communication, cooperation and leading under pressure. After each team building activity, students will be asked to reflect on their use of communication with their classmates.

Blind Hunter

The group will attempt to help a blindfolded "hunter" find three objects. The tasks focus on the aspects of communication and giving and following directions.

Hot Chocolate

Students will work as a team as they try to float on moving marshmallows to conquer the hot chocolate river.

Rope Maze

Students will be blind folded and attached to a web of ropes. The student who finds the cone instantly becomes the leader as they are the only one able to verbally communicate with the rest of the group to reach a common goal.

MIDDLE SCHOOL RECREATION FIELD TRIPS



MAYWOOD SURVIVAL

Grades..... 6 - 12

Length..... 6 Hours

Fee \$10.00 per Student

Limit..... 60 Students

When..... November, April

at Maywood

Join us as you learn about survival. Topics include fire building, using your own compass, shelter building and more. Students will also make and take home their own burn bowl.



TEAM CHALLENGE SERIES FOR MIDDLE SCHOOLS

Grades..... 6 - 8

Length..... 3 Hours

Fee \$8.00 per Student

Limit..... 100 Students

When..... September, October, November

This can be a ½ day or full day field trip.

Grade 6 Activities

- Team Shelter Building
- Birthday Line-up/Human Knot
- Balloon Relay, Balloon Race
- Blind Hunter and Ski Race

at Camp Y-Koda

Grade 7 Activities

- Traffic Jam
- Wall
- Islands
- Rope Swing

at Maywood

Grade 8 Activities

- Blind Line, Tennis Ball Toss
- Fire Challenge
- Log Birthday Line-up, Rope Swing
- Gaga Ball and Rock, Paper, Scissors

at Camp Y-Koda

HIGH SCHOOL FIELD EXPERIENCES



AMPHIBIAN CASE STUDY

Grades..... 9 - 12

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 30 Students

When..... May, June

● at Camp Y-Koda ●

Students learn how to identify frogs and toads by call. They will apply this knowledge during a frog call hike to inventory calling amphibians and analyze call patterns within the context of atmospheric and habitat conditions.

ECOSYSTEM TOUR

Grades..... 9 - 12

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 60 Students

When..... September, October, November

● at Maywood ●

Students will tour three of Maywood's ecosystems: river, prairie and forest with an environmental educator. They will learn about food webs, flora and fauna function and structure. Students will also participate in sampling techniques to determine the health of a stream after collecting macro-invertebrates and survey a prairie for biodiversity of species.

FRESHWATER MUSSEL ECOLOGY

Grades..... 9 - 12

Length..... 4 ½ Hours

Fee \$7.25 per Student

Limit..... 30 Students

When..... September, October, Summer School

● at Your School ●

This program has two parts. The first part begins with a presentation in your classroom. An environmental educator will do a 30-minute PowerPoint presentation on biology of freshwater mussels and will discuss their critical importance to stream health.

The second part is a field experience. The 4 hour field program occurs on the Sheboygan River. Students will spend the morning or afternoon as a biologist sampling mussels and working to ID them in the field using a key. Students will go to areas on the river conducive to mussel surveys via canoe.

This program is limited to 20 participants in the field at a time. Therefore, teachers with larger groups may need to book multiple field days.

POLLINATORS

Grades..... 9 - 12

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 60 Students

When..... September, October, Summer School

● at Camp Y-Koda ●

Students learn how to observe, quantify and record how plants change across seasons. They participate in a nationwide citizen science effort to track phenology (seasonal change) and study the effects of climate change on plants and animals. Applying these concepts to conservation issues, they consider supporting pollinator diversity in the local landscape by planting phenologically diverse gardens.

WETLAND MONITORING AND DATA COLLECTION

Grades..... 9 - 12

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 60 Students

When..... September, October, Summer School

● at Camp Y-Koda ●

Students learn about temporary bodies of water and go on a field trip to map this type of wetland habitat and describe the plants and animals living there.

WINTER TWIG ID

Grades..... 9 - 12

Length..... 3 Hours

Fee \$5.00 per Student

Limit..... 30 Students

When..... Year Round

● at Camp Y-Koda ●

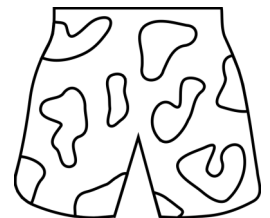
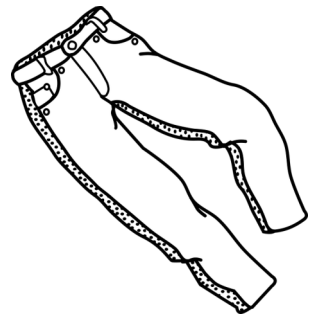
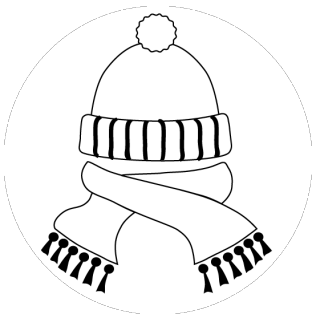
Students will have an in-depth opportunity to learn about twig identification. They will first learn about twig parts and then try to identify a twig with a magnifying lens and a dichotomous twig key.

DON'T FORGET: FIELD TRIP TOMORROW!

- Send a bag lunch and something to drink.
- Please check the weather and **dress in layers** for all kinds of weather.
- This field trip is rain or shine. **We will be outside all day!** Thank you!



HOW MANY LAYERS WILL YOU WEAR?



Directions: Check the weather.

Circle the clothing items you will wear for your field trip!
Remember dressing in layers is important!