

YMCA CAMP Y-KODA

W3340 Sunset Road, Sheboygan Falls, WI 53085
P 920-467-6882 • F 920-467-7240
www.sheboygancountymca.org/camp-y-koda



ECO-LUTION TRAVELING ADULT NATURE CLUB

MOLLUSC BIOLOGY/ECOLOGY AND COLLECTION
WEDNESDAY, SEPTEMBER 7, 2022

Age 18 & Older

Participants will learn about the common Molluscs that live in the local rivers. Given their 'lifestyles,' most Mollusc species go unnoticed, but are vital to the health of aquatic ecosystems. They also have some fascinating life cycle adaptations. The session will begin in the classroom with an introduction to Mollusc biology and identification. Then we will take a trip to the Sheboygan river to observe and collect Mollusc species. All collected Molluscs will be returned to their natural habitats. Participants will be transported via camp van, but may opt to provide their own transportation also and caravan. Participants should bring water shoew or waders.

Location: Camp Y-Koda Johnsonville Lodge and Sheboygan River

Wed.....9:00am - 12:00pm

USING MACROINVERTEBRATES TO DETERMINE WATER QUALITY
WEDNESDAY, SEPTEMBER 21, 2022

Age 18 & Older

The topic of the session will be water quality. Participants will learn to collect and analyze water quality data using Vernier probes and collection of aquatic macroinvertebrates. Indicators such as nitrogen levels, dissolved oxygen, pH and presence/absence of macroinvertebrate species indicate the general health of a freshwater aquatic ecosystem such as a marsh, river or lake. This data can then indicate possible pollutants entering the ecosystem which may prompt remediation strategies to improve ecosystem health. Citizen action groups such as WAV - Water Action Volunteers - collect and report water quality data to enable the overall health of local watersheds such as the Sheboygan River Watershed. Participants will learn to become involved with the WAV program.

Location: Sheboygan Marsh

Wed.....9:00am - 12:00pm

PRAIRIE ECOLOGY, SEED COLLECTION
WEDNESDAY, OCTOBER 19, 2022

Age 18 & Older

The session will begin with an introduction to the biology and identification of common prairie wildflowers. Prairies once were common to southern Wisconsin, but have been replaced by farmland and/or human development. Prairie plants have amazing root systems that are able to penetrate deep to reach water and cultivate amazingly fertile soils. They are also vital to the survival of pollinators, birds, small mammals, etc. Participants will then collect wildflower seeds in the adjacent Jersey Flats prairie. Participants will be able to keep these seeds in hopes that each may use them to cultivate prairie species on their own. Thus replacing a small 'slice' of what has been lost.

Location: Zillmer Shelter (Hwy SS and G, Dundee - behind Zillmer Trail Head) and Jersey Flats

Wed.....9:00am - 11:00am

CURRENT EVENTS - SCIENCE IN THE NEWS
WEDNESDAY, OCTOBER 26, 2022

Age 18 & Older

There is so much news that is related to science principles and technologies. Sometimes it is hard to keep up, and more importantly, to understand. Often news sources only report on the sensationalized aspect of a current science innovation or event. This session will attempt to inform at a scientific level - breaking down the news to understand the basic science of each headline. The instructor will choose relevant current events, but participants are encouraged to bring questions or other examples to the session. Topics chosen will primarily be biological in nature.

Location: Camp Y-Koda - Lohmann Lodge

Wed.....9:00am - 11:00am

**For more information,
please contact Sarah at sdezwarde@
sheboygancountymca.org or 920-467-6882**

YMCA CAMP Y-KODA 2022 FALL ECO-LUTION TRAVELING ADULT NATURE CLUB

Please return to the Sheboygan YMCA, Sheboygan Falls YMCA or Camp Y-Koda

Name _____ Email _____ Birth Date _____ M F
Address _____ City _____
State _____ Zip Code _____ Phone 1 _____ Phone 2 _____
Emergency Contact _____ Phone # _____

HOLD HARMLESS AGREEMENT

I hereby agree to waive any claim or liability I may have on the YMCA arising out of use of the facility, and further agree that I will indemnify and save harmless the YMCA from any and all claims brought against the YMCA, its members and volunteers, on account of death, injury, or damage to persons or property received by any persons by reason of the acts or omissions of the users in their use. I also agree to waive any claims against the YMCA, its members and volunteers for injuries or damages that may result from the conduct of other persons, including participants in the program. I understand the above responsibilities and I give my permission to participate and be photographed in YMCA activities.

Adult Signature _____ Date _____

Date **Fee per Date** **Date** **Fee per Date**
 September 7 \$10.00 October 26 \$5.00
 September 21
 October 19

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Camp Y-Koda will
contact you for payment.**

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