

KELLEYS ISLAND
SCHOOLS FIELD STATION

FIELD GUIDE



THE KELLEYS ISLAND FIELD STATION PROMOTES AND SUPPORTS EDUCATION BY PROVIDING A DISTINCTIVE LEARNING AND RESEARCH ENVIRONMENT FOR STUDENTS ELEMENTARY AGES THROUGH ADULTS



LETTER FROM THE DIRECTOR

Summer 2023 was an extraordinary success and we hope all of our friends and families are as ready as we are to repeat that success in 2024! Last summer we had over 800 plus volunteer hours, and over 5,000 visitors who came to our programs and events. We are beyond thankful for the support towards these programs. We would not be successful at what we do without all of you who come to be a part of what we do.

In Spring 2024, we will introduce a new program at the Kelleys Island School: "The Phenology Pollinator Monitoring Program". You may ask what is Phenology? Phenology is the study of recurring life cycle stages in plants and animals and their relationships to the environment and our climate. At the field station we created lessons aligned with the Ohio Department of Education standards that will provide our students with the opportunity to explore their environment through observation.



We will be working with the National Phenology Network to collect "real" data that will get logged into a national database to be used to aid in decision-making and scientific discoveries. We are also partnering with Toledo's 13abc's Meteorologist Derek Witt who will help us collect the most accurate weather data, and learn how climate and wildlife are connected. The vision for this program is to develop baseline information and produce long-term information about plant and animal phenophases on Kelleys Island to contribute to regional and national phenology databases and studies, and to provide community science and environmental learning opportunities.

We are looking forward to our 7th year of Nature Camp! Our theme this year is "Nature Adventures". We have a fun week planned packed with hands-on explorations. This is also our 7th year partnering with the Kelleys Island State Park and the Kelleys Island Audubon Club hosting the popular Science Saturdays. Last year was our first-year providing School Tours, Nature Story Hour, and the Jr. Naturalist program. We were so happy with the outcome; that we are doing them all again! There is more information and details about all of these programs throughout this newsletter.

The Kelleys Island Schools Field Station will host a one-day Project Wet Workshop for Educators on Kelleys Island August 16, 2024. Project Wet is an international organization that is dedicated to solving critical environmental challenges by teaching the world about water.

This workshop will give all participants an integrated set of tools and lessons emphasized in inquiry-based, hands-on, and cooperative learning strategies with demonstrated classroom effectiveness for PreK to University students. We will be collaborating with the Ohio Geological Survey, the Ohio Division of Natural Resources, The Ohio EPA, and Put-in-Bay High School Science Teacher Missi Kowalski. Miss is on the Science Education Council of Ohio as the Secretary and a board member of Lake Erie Islands Nature and Wildlife Center. These collaborators will contribute their time and resources to teach lessons related to Lake Erie for the participants to use in their own classrooms and educational settings. We will have more information posted soon. If you are interested in this unique opportunity contact Jackie Taylor. jtaylor@kelleys.k12.oh.us

Lastly, I would like to thank the Kelleys Island Community for supporting much of what we do at the Field Station. The community takes the time and energy to help us be an effective resource for all we serve. We are looking forward to seeing all of our friends and families, and meeting new ones!

Field Station Director
Jackie Taylor

PHENOLOGY

THE STUDY OF RECURRING BIOLOGICAL EVENTS



We are beginning a Phenology Pollinator Monitoring Program at the Kelleys Island School. You may ask what is Phenology? Phenology is the study of recurring life cycle stages in plants and animals and their relationships to the environment and our climate.

At the field station we created lessons aligned with the Ohio Department of Education standards that will provide our students with the opportunity to explore their environment through observation.

We will be working with the National Phenology Network to collect “real” data that will get logged into a national database to be used to aid in decision-making and scientific discoveries. We are also partnering with Toledo’s 13abc’s Meteorologist Derek Witt who will help us collect the most accurate weather data, and learn how climate and wildlife are connected.

The vision for this program is to develop baseline information and produce long-term information about plant and animal phenophases on Kelleys Island to contribute to regional and national phenology databases and studies, and to provide community science and environmental learning opportunities.

JR. NATURALIST

THE JR. NATURALIST PROGRAM IS NEW TO THE KELLEYS ISLAND SCHOOL. THE PROGRAM PROVIDES OPPORTUNITIES FOR JR. HIGH AND HIGH SCHOOL STUDENTS TO LEARN ABOUT WILDLIFE AND THE ENVIRONMENT, SERVE AS AMBASSADORS OF THE ISLAND, AND TO HAVE FUN AND EXPLORE IN THE OUTDOORS.



What is the Junior Naturalist Program?

A Youth Conservation Leadership Club of nature enthusiasts dedicated to protecting our environment through education. Members venture outdoors together to meet scientists and conservationists, participate in research, and learn about our natural world. Their newfound knowledge and experiences are shared with the public through community programs. Junior Naturalists become Ambassadors for Kelley Island and our natural world while having unique and amazing outdoor experiences.

Who is a Junior Naturalist?

Youth ages 13-18 with an interest in nature. You only need an interest. We simply want students anxious to learn, explore, and teach about our amazing outdoors.

What do Junior Naturalists do?

Jr. Naturalists participate in citizen science projects, improving our habitats, helping visiting scientists, volunteer as our Assistant Counselors and help lead games, songs, and activities, keep our participants safe, be a positive role model, and teach about our natural world.

Why should I join?

Be a part of a like-minded, nature-enthusiastic group. Explore what nature has to offer through fun activities and trips. In addition to having fun, we sneak in some important skills:

Career Development – learn about science and education careers

Field Research – learn how and why scientists do what they do

Resume Builder – for your part-time jobs and college application

Service Learning – collect hours for school

Leadership Skills – become a leader by gaining confidence through public teaching



Kelleys Island Jr Naturalist Registration Form



PLEASE PRINT

Child's Name _____

Parents Name _____

Birth Date _____

(Month/Day/Year-Check Age Requirements-Must be of Age by Camp Date)

Island Address-Include Dates This Address Should Be Used

Home or Mailing Address-Include Dates This Address Should Be Used

Island Phone _____ Emergency Contact _____

E-Mail Address _____

Briefly describe any allergies, special medical condition, required medication or any other physical limitations your child has. A more detailed medical form will be sent with the confirmation letter

Please Describe Child's Swimming Ability

You have my permission to use photos of my child participating in Nature Camp. NO NAME will be used with online photos of Nature Camp.

Kelleys Island Life _____ Kelleys Island School Website _____ Facebook _____ Kelleys School Newsletter

Registration Fee

_____ \$120.00

_____ \$60.00 Kelleys Island School Student

Make checks to: Kelleys Island School

Mail to: Jr. Naturalist Program

PO Box 382 Put-in-Bay, OHIO 43445

T-Shirt Size- Youth SM M L XL

Adult SM M L XL

Permission Form

I fully understand that the nature of recreational and educational activities associated with Nature Camp includes an inherent risk of danger, which may result in personal injury or harm to my child. I grant permission for my child to participate in the program and activities of Nature Camp at the Bay, and I agree to indemnify and hold harmless the Kelleys Island School and Field Station, its staff, directors, employees, Agents and/or representatives from any claim for any injury or damage which may result from my child's attendance at and participation in the Nature Camp at the Bay. I authorize emergency medical treatment if none of the above-named emergency contact persons can be reached at the time of an emergency.

Signature of Parent/Guardian _____ Date _____