



Lake Erie Nature & Science Center 75 Years



SPRING 2020 PROGRAM GUIDE





Lake Erie Nature & Science Center

28728 Wolf Road
Bay Village, OH 44140

Open Daily: 9:00 a.m. – 4:00 p.m.
440-871-2900 | www.lensc.org

OUR MISSION

Lake Erie Nature & Science Center educates and inspires each of us to understand, appreciate and take responsibility for our natural world.

We do this through our expansive wildlife rehabilitation program, an exciting public access planetarium and exceptional hands-on educational programming.

FREE ADMISSION

NEW WEBSITE

You may have noticed the Center's new website! A modern, mobile-friendly design and improved navigation makes program registration easier than ever. To register, go to the "**Program Calendar**" page or your preferred program category under the "**Learn**" tab. Questions? Give us a call at 440-871-2900.



REGISTRATION INFORMATION

Member Registration begins online **Monday, November 11 at 9:00 a.m.**
Open Registration begins online **Monday, November 18 at 9:00 a.m.**

Registration: Member Registration begins online Monday, November 11 at 9:00 a.m. Open Registration begins online Monday, November 18 at 9:00 a.m. You must sign in to your User Account to receive your automatic member discounts.

Fees: Payment can be made by cash, check, credit or debit card (Visa, MasterCard, American Express or Discover). A \$30 fee will be applied to any returned checks.

Member Rates: We offer discounted rates for those who are active Members of Lake Erie Nature & Science Center. In order to receive the discount, your membership must be active for the duration of the program or school year.

Refunds: Notification is required one week prior to the start of a class or program to be eligible for a refund. A service fee of \$5 or 5% (whichever is greater) will be assessed.

Missed Classes: We are unable to issue refunds for missed classes. In order to maintain classroom continuity, we do not provide make-up classes.

Cancellations: If classes are cancelled or the Center is closed, we will update our website and social media pages. In inclement weather, we cancel classes in line with the Bay Village School District.

Program Participant Removal Policy: Lake Erie Nature & Science Center reserves the right to terminate program participation or program enrollment at any time. This policy is in place for the safety and well-being of our program participants.

Switching Classes Policy: Lake Erie Nature & Science Center will assess a service fee of \$25 for requests to switch early childhood classes. Under special circumstances, the service fee may be waived.

SPRING 2020 CALENDAR



NOVEMBER

11	Member Registration
18	Open Registration

JANUARY

2	Spring planetarium schedule begins
8	SkyQuest
12	Project Wildlife Meeting
15	Astronomy Club
19	Introduction to Backyard Beekeeping; Project Wildlife Application Deadline
20	MLK Day Holiday Programming; Keeper for a Day
27	Spring 2020 Preschool Session begins (Frogs & Polliwogs, Nature Nuts and Earthlings)
31	Wild Things Session I begins; Family Astronomy Night

FEBRUARY

2	Meet a Groundhog
8	Weekend Wild Things; Owl Prowl
9	Project Wildlife Meeting
12	Homeschool Science Series; Explorers Club; Forest Guardians; SkyQuest
17	Presidents Day Holiday Programming
19	Astronomy Club

MARCH

6	Wild Things Session II begins
7	Weekend Wild Things
11	Homeschool Science Series; Explorers Club; Forest Guardians; SkyQuest
15	Project Wildlife Meeting
18	Astronomy Club
31	Internship Deadline

APRIL

3	Family Spring Fling
4	Weekend Wild Things
6	Preschool Registration for 2020–2021
8	Homeschool Science Series; Explorers Club; Forest Guardians; SkyQuest
10	Spring Break Holiday Programming
13	Spring Break Holiday Programming; Keeper for a Day
14	Spring Break Holiday Programming; Keeper for a Day
15	Spring Break Holiday Programming; Keeper for a Day; Astronomy Club
16	Art and Nature Day Camp; Spring Break Holiday Programming;
17	Spring Break Holiday Programming
18	Telescope Night
19	Project Wildlife Meeting

MAY

2	Project Wildlife Meeting
3	Mommy, Muffins and Me
13	Homeschool Science Series; Explorers Club; Forest Guardians; SkyQuest
17	Family Fishing Day
20	Astronomy Club
23	Telescope Night

EARLY CHILDHOOD PROGRAMS

TWINKLE TOTS

For ages 0 – 3 (Schuele Planetarium)

See the moon, stars and explore the sky with lights, sounds and colors in this 15-minute program designed for young children.

Mondays, Wednesdays, Fridays, Saturdays and Sundays

11:30 a.m.

Fee: \$3/person (including infants)

STELLAR STARS

For ages 3 – 7 (Schuele Planetarium)

Grab your passport and blast off through space as you visit different destinations in the solar system. Learn about a different planet and constellation each week! *This program is approximately 25 minutes.*

Mondays, Wednesdays, Fridays, Saturdays and Sundays

12:00 p.m.

Fee: \$4/person

OUR PHILOSOPHY

Our preschool programs build on children's inherent curiosity about the world by using hands-on nature-based activities to foster social, physical and academic development.

Our experienced teachers encourage children to develop an attitude of inquiry and respect for the natural world. They do this through dynamic, age-appropriate activities that integrate all areas of Ohio's Early Childhood Outcomes including science, math, literacy and the arts.

Our preschool offerings grow with your child, providing up to six years of successive nature-based learning. Questions? Contact Teece Lester at Teece@lensc.org.



WILD THINGS!

For children ages 1 – 5 years with one adult

Explore the wild things of your backyard and beyond! Each week you will meet an animal, make a craft and get wild with nature. *Choose one or more sessions.*

Friday Sessions

Session I: January 31 – February 28

Session II: March 6 – April 3

9:00 – 10:00 a.m. or 10:30 – 11:30 a.m.

Fee per session: Member: \$100/child;

Non-member: \$125/child

Instructor: Maggie Watson

WEEKEND WILD THINGS!

For children ages 1 – 5 years with one adult

Explore the wild things of your backyard and beyond! Each weekend you will meet an animal, make a craft and get wild with nature. *Choose one or more dates.*

Saturdays

February 8

March 7

April 4

9:30 - 10:30 a.m.

Fee per program: Member: \$20/child;

Non-member: \$25/child

Instructor: Maggie Watson

EARLY CHILDHOOD PROGRAMS

FROGS & POLLIWOGS

For children ages 18 – 36 months
with one adult

Hands-on activities, music, games and simple crafts are just the beginning of a new nature or science-based theme each week. Get ready for live animal encounters and come dressed for the weather as we head out on mini-explorations!

Mondays, Tuesdays, Wednesdays or Thursdays
9:00 – 10:00 a.m. or 10:30 – 11:30 a.m.

Fee:

15-Weeks: Member: \$265/child;
Non-member: \$330/child

Instructor: Dawn Galang

NATURE NUTS

For children ages 3 – 5

This hallmark program in our beautiful Porter Creek classroom introduces children to the wonders of science and nature! Through live animal encounters, outdoor hikes, stories, crafts, games and planetarium shows, children discover something different each week. *New curriculum offered each year. Children must be fully bathroom independent.*

Mondays, Tuesdays, Wednesdays or Thursdays
9:00 – 11:00 a.m.

Mondays or Wednesdays
12:30 – 2:30 p.m.

Fee:

15-Weeks: Member: \$475/child;
Non-member: \$540/child

Instructors: Teece Lester, Amy Leamon and
Annmarie Slyman

EARTHLINGS *STEAM curriculum!*

For children ages 4 – 6

This 3-hour adventure is full of hands-on fun in our Log Cabin classroom, planetarium and the great outdoors! Your little earthling will love this program where we investigate the wonders of Earth and the sky above. Children will receive a backpack they can load with gear to explore science, technology, engineering, the arts, math and nature. *New curriculum offered each year. A snack will be provided.*

Wednesdays, Thursdays or Fridays
9:00 a.m. – 12:00 p.m.

Fee:

15-Weeks: Member: \$590/child;
Non-member: \$675/child

Instructor: Annmarie Slyman

Spring 2020 Session Dates

Classes take place weekly

January 27 – May 15

Spring Break:

April 13 – 18 (no classes)

2020 – 2021 Academic Year

Preschool Registration for the
2020-2021 Academic Year begins
Monday, April 6 at 9:00 a.m.

Program registration is ongoing. To check availability or be added to a waitlist, please call 440-871-2900.



YOUTH PROGRAMS

HOMESCHOOL SCIENCE SERIES

For ages 4 – 10

Homeschoolers and their families get their dose of science and nature in our standards-based home-school science series. Explore Huntington Reservation, get up-close and personal with the Center's resident animals and participate in a new and engaging nature, STEM or space-themed lesson each month. Groups are divided into Sprouts and Scientists, so we can dig deeper into the science concepts in an age-appropriate way!

Sprouts

Ages 4 – 6: 1 hour parent and child program
1:00 – 2:00 p.m.

Scientists

Ages 7 – 10: 1.5 hour drop off program
(Parents are invited but not required to stay for Scientists programs)
1:00 – 2:30 p.m.

Register for one or all dates:

Wednesdays, February 12, March 11, April 8 and May 13

Fee: \$10/child. (One adult can accompany each registered child at no cost)

If a parent has children in both groups, we ask that the parent remain with the Sprouts group.

EXPLORERS CLUB

For children in grades K – 2

Students get their dose of science and nature in this monthly club! Explore Huntington Reservation, learn from wildlife rehabilitation experts and tour the universe with our resident astronomers. Use hands-on equipment including binoculars and STEM engineering tools. Make your own exploration tool kit using a backpack filled with scientific tools and field guides to continue your investigations at home. *New activities each year!*

Wednesdays, February 12, March 11, April 8 and May 13

4:00 – 5:30 p.m.

Session Fee: Member: \$90; Non-member: \$100/child



FOREST GUARDIANS

For children in grades 3 – 5

Students will take their love of exploring to the next level by studying and preserving our local forest! Forest Guardians will work as a research team, investigating Huntington Reservation to identify potential threats to its ecosystem. Scientific studies will be conducted including macroinvertebrate sampling, water quality assessment, forest mapping, species identification and seasonal observations in the forest. As a part of our research, Forest Guardians will develop a "Forest Protection Plan" to help preserve an area within Huntington Reservation. This program is perfect for graduates of Explorers Club or any child that loves and wants to protect our natural world!

Wednesdays, February 12, March 11, April 8 and May 13

4:00 – 5:30 p.m.

Session Fee: Member: \$90; Non-member: \$100/child

ART AND NATURE DAY CAMP

For children in grades 1 – 4

A collaborative day with BAYarts and Lake Erie Nature & Science Center

Come out of hibernation, reconnect with nature and awaken your creative brain! Start your morning at BAYarts, working in the art studio to create projects inspired by the natural world around us. After lunch, hike to Lake Erie Nature & Science Center and spend the afternoon rediscovering Huntington Reservation and conducting science experiments. *Drop-off at BAYarts and pick up at the Center at 4:00. Please pack a healthy lunch.*

Thursday, April 16

9:00 a.m. – 4:00 p.m.

Fee: \$90/child

BAY arts

Registration for this camp takes place at Lake Erie Nature & Science Center only.

TEEN PROGRAMS

KEEPER FOR A DAY

For ages 13 and up

This program gives those wild about wildlife the chance to see (and touch!) all that's involved in caring for our resident animals and rehabilitation patients. Participants will go behind the scenes alongside our Wildlife Specialists as they care for, assess and treat the animals. Learn about animal husbandry, diet, wildlife medicine and more. This is a great hands-on career shadowing experience. *Limited to 2 students per session.*

Monday, January 20

Monday, April 13

Tuesday, April 14

Wednesday, April 15

9:00 a.m. – 12:00 p.m.

Fee: \$80/person for each session

Instructor: Christine Barnett

PROJECT WILDLIFE

For students in grades 9 – 12

This distinctive program offers opportunities for students to gain hands-on experience with animals and learn about wildlife education. Members of Project Wildlife will learn from our expert staff while meeting peers with similar interests and gaining valuable experience through service learning hours in areas such as animal care, wildlife handling and wildlife rehabilitation. *New students will be expected to attend two trainings each month from 9:00 a.m. – 3:00 p.m.*

Must be available to attend monthly meetings from 1:00 – 3:00 p.m.

Sunday, February 9

Sunday, March 15

Sunday, April 19

Saturday, May 2 (evening meeting)

Spring Application Deadline: January 19

To request an application, email wildlife@lensc.org.

Fee: \$175/semester

Instructor: Christine Barnett



INTERNSHIPS

WILDLIFE INTERNSHIP SUMMER 2020

The Center is seeking interns to take part in a unique educational opportunity by assisting with wildlife rehabilitation, animal care and public education.

Responsibilities include:

- Assist with caring for wildlife admitted to the wildlife rehabilitation program
- Assist in the cleaning, feeding and additional daily care of the resident animals
- Assist with public education and programming
- Department administrative and organization duties



EDUCATION INTERNSHIP SUMMER 2020

The Center is seeking interns to take part in a unique educational opportunity by assisting with preschool, school age and public education programs.

Responsibilities include:

- Assist with daily program activities
- Assist with supervising children ages 18 months through 18 years
- Assist with public education and programming
- Department administrative duties

Cover letter, resume and 2 letters of recommendation may be submitted to: Amy LeMonds, Director of Programs and Wildlife, wildlife@lensc.org.

Application deadline: March 31, 2020

ADULT & FAMILY PROGRAMS

INTRODUCTION TO BACKYARD BEEKEEPING

For adults and children ages 10 and up

The Center will be abuzz with excitement as beekeeper Christine Barnett shares her knowledge about beekeeping and local bee populations. Learn all about honeybees, what they do to support our environment and how to maintain a hive in your own backyard. This program provides you with the steps to become a backyard beekeeper.

Sunday, January 19

1:00 – 3:00 p.m.

Fee: \$8/person

FAMILY ASTRONOMY NIGHT

For all ages

Spend an evening under the stars as we observe the beautiful winter night sky in both the natural elements and inside our planetarium. Outdoors we'll have night hikes and telescopes set up for viewing (bring your binoculars if you have them). Warm up indoors with a special planetarium program and some hot chocolate!

Friday, January 31

7:30 – 9:00 p.m.

Fee: \$10/person; children 2 and under are free

MEET A GROUNDHOG

For all ages

Join us in celebrating Groundhog Day! Special guest Molly Ryan will bring along her groundhog friends and give you an up-close look at these ground dwelling hibernators. Learn why groundhogs have their own holiday and the meanings behind their many nicknames.

Sunday, February 2

2:00 – 3:30 p.m.

Fee: \$10/person; children 2 and under are free



OWL PROWL

For all ages

Join us for a magical evening celebrating owls of all shapes and sizes. Enjoy a captivating planetarium program and owl activities. See live owls that reside at the Center and head out on a hike with resident birding expert Tim Jasinski in hopes of spotting wild owls in the forest of Huntington Reservation.

Saturday, February 8

6:30 p.m.

Fee: \$10/person; children 2 and under are free

FAMILY SPRING FLING

For all ages

Celebrate the wonders of spring with your family! Enjoy hands-on activities, meet the Center's animal ambassadors, learn about our planet Earth in Schuele Planetarium and take home your own pollinator plant kit to support the bees and butterflies in your own backyard. Complete the evening with a glow-in-the-dark hike through Huntington Reservation. Don't worry about dinner, we've got it covered.

Friday, April 3

6:00 – 8:30 p.m.

Fee: \$15/person; \$10/child; children 2 and under are free (includes dinner)

TELESCOPE NIGHT

For adults and children ages 6 and up

Join our resident telescope expert and NASA JPL Solar System Ambassador Bill Reed for evenings under the stars. We will begin in the planetarium for an update on the current night sky then head outdoors to see the view along with an 8-inch Schmidt-Cassegrain telescope.

Saturdays, April 18 and May 23

7:30 p.m.

Fee: \$8/person

Instructor: Bill Reed

ADULT & FAMILY PROGRAMS



MOMMY, MUFFINS AND ME

For moms and children ages 0 – 7

Celebrate Mother's Day the nature way with a special morning of fun for Mommy and children. Enjoy a muffin while you learn how wild animals take care of their babies. Take Mom to see the stars in our planetarium and make a special craft together to take home.

Sunday, May 3

10:00 – 11:30 a.m.

Fee: \$10/person; children 2 and under are free

Members: \$5/person

Dads! Stay tuned for Daddy, Donuts and Me this June.

Interested in membership? Please visit www.lensc.org/support



FAMILY FISHING DAY

For families and children ages 5 and up

Here's your chance to introduce the family to fishing! Learn about the basics at the Center: equipment, how to cast, where to fish and what kind of fish you'll catch. Then head to Lake Erie to cast your line in the water. All equipment will be provided. Adults and teens (ages 16 and up) who wish to fish must possess a valid fishing license. One adult must accompany every 2 children registered for this program.

Sunday, May 17

9:00 a.m. – 12:00 p.m.

Fee: \$10/person

Instructor: Sarah Orlando, Ohio Sea Grant Extension Educator

Please note: Family programs are likely to sell out. Advance registration is strongly encouraged. Please visit www.lensc.org or call 440-871-2900 to purchase tickets.

CRITTER ENCOUNTERS

For all ages

Join us for Critter Encounters and meet the Center's animal ambassadors! Learn all about their unique features, diet, habitat, survival tactics and more as you get to see them up-close. *This program is approximately 30 minutes.*

Saturday and Sunday

10:30 a.m.

Fee: \$5/person

WILDLIFE INSIDER

For all ages

Is your family wild about wildlife? Do you have a favorite animal or special interest that you wish to learn more about from our expert staff? This behind-the-scenes program can offer your family a private opportunity to spend time with our animals and learn what it takes to care for our resident animals and rehabilitation patients. Pick a date below and our wildlife team will plan a program based on your family's interests.

Please contact Christine Barnett at wildlife@lensc.org or 440-871-2900 x206 to plan your family's adventure.

Fee: \$15/person minimum of 4

HOLIDAY PROGRAMMING

Join us for a special selection of star shows and animal encounters to engage the whole family!

Martin Luther King Day: January 20

Presidents Day: February 17

Spring Break: April 10, April 13 - 17

Each program is \$3 – \$5 per person

10:30 a.m. Critter Encounters

11:30 a.m. Twinkle Tots

12:00 p.m. Stellar Stars

1:30 p.m. Critter Encounters

2:00 p.m. Sky Tonight

2:30 p.m. Full Dome Show

SCHUELE PLANETARIUM

SKYQUEST

For preteens through adults

*These programs are approximately 60 minutes.
Advance registration is available at www.lensc.org.*

Fee: \$8/person

Scale of the Universe

The universe is so large and so old, that the numbers are nearly impossible to fathom. Take a trip through space with Bill Reed to explore size and time as we try to understand our place in the cosmos.

Wednesday, January 8

7:30 p.m.

The Night Sky

Take an in depth tour of the current universe with Bill Reed as we use both of our star projectors to find constellations, identify planets and review current events happening in the night sky.

Wednesday, February 12

7:30 p.m.

Humans in Space Update

Join Katy Downing for an overview of what is currently happening in the world of manned space-flight. Get the latest information on the astronauts aboard the International Space Station, take a look at photos from construction sites for the Space Launch System and discover what's new for aerospace manufacturer SpaceX.

Wednesday, March 11

7:30 p.m.

Evolution of the Telescope

One of the most important inventions in history, the telescope has opened our eyes to the universe and given us the ability to view other worlds while gaining a greater understanding of our place in the universe. From Galileo to Hubble and beyond, join Bill Reed as we explore the origins, evolution and future of this amazing instrument.

Wednesday, April 8

7:30 p.m.

The Night Sky

Take an in depth tour of the current universe with Bill Reed as we use both of our star projectors to find constellations, identify planets and review current events happening in the night sky.

Wednesday, May 13

7:30 p.m.



ASTRONOMY CLUB

For adults and children ages 12 and up

Calling all local sky enthusiasts! Join us for Astronomy Club and explore the world of astronomy in a fun, social environment. NASA JPL Solar System Ambassador Bill Reed will share what's new in space, the latest gadgets, "astro-tainment" and mind-blowing facts. Enjoy movie nights in Schuele Planetarium, workshops, stargazing with telescopes and more.

**Wednesdays, January 15, February 19,
March 18, April 15 and May 20**

6:30 – 8:00 p.m.

Meetings are open to the public. Astronomy Club is supported by membership dues.

Club Leader: Bill Reed



**The Fleming Family Projection System
displays 3000+ stars!**

TWINKLE TOTS

For ages 0 – 3

See the moon, stars and explore the sky with lights, sounds and colors in this 15-minute program designed for young children.

Fee: \$3/person (including infants)

STELLAR STARS

For ages 3 – 7

Grab your passport and blast off through space as you visit different destinations in the solar system. Learn about a different planet and constellation each week! *This program is approximately 25 minutes.*

Fee: \$4/person

FAMILY ADVENTURES IN SPACE

For all ages

Take a trip that's completely out of this world! Each week visit different NASA space craft that are out in space and learn all the reasons why they are there. Learn about the constellation of the week as you end your adventure stargazing. *This program is approximately 25 minutes.*

Fee: \$5/person

Please note:

- Doors close promptly at start time.
- Tickets for all star shows are available at the welcome desk 30 minutes before the program on a first-come, first-served basis.
- For safety reasons, late admittance to planetarium programs is not permitted. If you must leave the planetarium during a show we cannot readmit you.
- No food or drink is permitted in the Schuele Planetarium.
- Due to field trips, camps and other group events, this schedule is subject to change. We encourage you to contact our Welcome Desk at 440-871-2900 to confirm programming before making plans.

MONDAY, WEDNESDAY & FRIDAY

11:30 a.m. Twinkle Tots

12:00 p.m. Stellar Stars

TUESDAY & THURSDAY

11:30 a.m. Children's Full Dome Show

SATURDAY & SUNDAY

11:30 a.m. Twinkle Tots

12:00 p.m. Stellar Stars

1:00 p.m. Family Adventures in Space

2:00 p.m. Full Dome Show

FULL DOME SHOWS

Shows change weekly in the following rotation beginning January 2. See www.lensc.org for Children's Full Dome schedule.

Flight Adventures (children)

Two Small Pieces of Glass (ages 8 and up)

Perseus & Andromeda (children)

Space Aliens (ages 10 and up)

The Little Star That Could (children)

Journey to Mars + Mars talk (ages 6 and up)

Galileo: The Power of the Telescope (ages 10 and up)

Cosmic Castaways (ages 10 and up)

The Cosmic Origins Spectrograph (ages 10 and up)

From Earth to the Universe (ages 10 and up)

Sunstruck (ages 10 and up)

The Sun, Our Living Star (ages 7 and up)

IBEX: Search for the Edge of the Solar System (ages 10 and up)

Chasing the Ghost Particle (ages 10 and up)

The Hot and Energetic Universe (ages 10 and up)

DARK (ages 10 and up)

Out There: The Quest for Extrasolar Worlds (ages 10 and up)

Seeing! A Photon's Journey (ages 10 and up)

For descriptions of each full dome show, please visit www.lensc.org. *Each show lasts approximately 25-35 minutes*

Fee: \$5/person





Lake Erie Nature & Science Center

28728 Wolf Road
Bay Village, OH 44140

Open Daily: 9:00 a.m. – 4:00 p.m.
440-871-2900 | www.lensc.org

501(c)(3) nonprofit organization
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Lake Erie Nature & Science Center is supported in part by the residents of Cuyahoga County through a public grant from Cuyahoga Arts & Culture.

Follow us on   



Lake Erie Nature & Science Center 75 Years

A Diamond Anniversary for a Regional Gem

Join us as we celebrate Lake Erie Nature & Science Center's milestone anniversary on April 19, June 13, August 2 and September 26, 2020.

OUR MISSION:

Lake Erie Nature & Science Center educates and inspires each of us to understand, appreciate and take responsibility for our natural world.