



Lake Erie Nature & Science Center

GIRL SCOUT PROGRAMS

2022–2023



Lake Erie Nature & Science Center | Free general admission daily: 9:00 a.m. – 4:00 p.m.
28728 Wolf Road, Bay Village, Ohio 44140 | 440-871-2900 | info@lensc.org | www.lensc.org | Follow us on   

REGISTRATION INFORMATION



REGISTRATION INFORMATION

Registration is required for all programs and full payment is due at time of registration. All programs require a minimum of 5 registered participants in total in order to run the program. **Register online at www.lensc.org/learn/scout-programs.**



REGISTRATION & REFUND POLICY

Pre-registration is required. Registration closes 48 hours in advance of program. Notification is required at least one week prior to the start of the program to be eligible for a refund. A service fee of 5% will be assessed.

SELF-GUIDED BACKPACKS

All-inclusive backpacks provide all the materials, instructions and activities necessary for your troop to complete a variety of natural science badges on your own. The Center now offers backpack rentals to complete at-home. Backpacks include all materials with the exception of writing utensils. Badges will be provided once the backpack is returned and backpacks will be cleaned after each use.

Please email scouts@lensc.org to schedule your backpack rental. Backpack rentals completed at Lake Erie Nature & Science Center require an additional \$25 facility fee.

PLEASE NOTE

Troop Leaders are expected to attend all programming. Individually-registered Girl Scouts must be accompanied at all times by an adult.

Age-appropriate activities are designed for Girl Scouts only. We invite parents/guardians to enjoy Lake Erie Nature & Science Center with siblings/non-participants while their Girl Scouts are taking part in a program.

Follow Safety-Wise procedures and adhere to adult/child ratios. 5 adults/Daisy troop, 4 adults/Brownie troop and 3 adults/Junior troop.

The time listed on your confirmation form is the starting time for the program. **Please arrive early to allow for check-in.**

Insignia or a fun patch is included for each girl in every program.



DAISY GIRL SCOUTS

DAYTIME & EVENING PROGRAMS



OUTDOOR ART MAKER

Saturday, November 5, 2022

10:00 - 11:30 a.m. | \$15 per scout

Put on your hiking shoes and discover the art of the great outdoors! Sketch your observations, listen for nature's sounds and learn the leave no trace principles. This program includes a hike; please dress for the weather.

ECO LEARNER

Saturday, November 5, 2022

1:00 - 2:30 p.m. | \$15 per scout

Play a fun game as we prepare to hike in the great outdoors. Learn what you should and should not bring with you, then hit the trails of Huntington Reservation for an outdoor adventure. Afterward, learn how to protect nature from litter during an indoor activity. This program includes a hike; please dress for the weather.

SPACE SCIENCE EXPLORER

Friday, December 2, 2022

7:00 - 8:30 p.m. | \$15 per scout

Learn about the Moon and take an up-close look at it in our planetarium. Create a pretend telescope and discover the constellations and nighttime stars. Complete your adventure by making a day sky book to record your daytime observations at home.

MECHANICAL ENGINEERING: BOARD GAME

Saturday, January 14, 2023

10:00 - 11:30 a.m. | \$15 per scout

Take part in our first ever Daisy engineering design challenge as you make, test, and improve your very own board game! We supply the materials, you supply the creativity as you make a spinner, choose a theme, and test out your game with other Daisy Girl Scouts.

MECHANICAL ENGINEERING: ROLLER COASTER

Saturday, January 14, 2023

12:30 - 2:00 p.m. | \$15 per scout

In this engineering design challenge you will design a your very own roller coaster car! You will then build a roller coaster hill to put your designs to the test. We provide the materials, you bring your imagination!

MECHANICAL ENGINEERING: MODEL CAR

Saturday, February 4, 2023

10:00 - 11:30 a.m. | \$15 per scout

Design and build your own model car, then head to our testing area filled with ramps of different surfaces. Race your cars and brainstorm with other Daisy Girl Scouts on how to improve your designs.

LOVE YOUR MOTHER EARTH

Saturday, February 11, 2023

10:00 - 11:30 a.m. | \$15 per scout

Earn your "Considerate and Caring" and "Responsible for What I Say and Do" petals during this fun program! Share materials with your sister Daisy scouts as you learn the journey of water and create a poster on how to take responsibility for the Earth. Enjoy encounters with the Center's resident animals and learn how you can be considerate and caring to all animals you meet.

SPACE SCIENCE EXPLORER

Friday, March 24, 2023

7:00 - 8:30 p.m. | \$15 per scout

Learn about the Moon and take an up-close look at it in our planetarium. Create a pretend telescope and discover the constellations and nighttime stars. Complete your adventure by making a day sky book to record your daytime observations at home.



SHAPES IN NATURE

Saturday, April 22, 2023

10:00 - 11:30 a.m. | \$15 per scout

Grab a clipboard and hike through Huntington Reservation as you search for shapes in nature. Record your observations by drawing patterns, then head indoors to create your very own nature pattern. This program includes a hike; please dress for the weather.

NUMBERS IN NATURE

Saturday, April 22, 2023

1:00 - 2:30 p.m. | \$15 per scout

Explore shadows, measure with rulers, and practice weighing objects with rocks! Sort your way through this badge by learning your personal benchmarks and how to measure with your body!

DESIGN WITH NATURE

Saturday, May 6, 2023

10:00 - 11:30 a.m. | \$15 per scout

Grab a clipboard and head outdoors to observe native birds. Count how many birds you see, identify objects you find, and explore the trails of Huntington Reservation. Complete the morning indoors to draw your very own adventure map. This program includes a hike; please dress for the weather.

ECO LEARNER

Friday, May 12, 2023

7:00 - 8:30 p.m. | \$15 per scout

Play a fun game as we prepare to hike in the great outdoors. Learn what you should and should not bring with you, then hit the trails of Huntington Reservation for an outdoor adventure. Afterward, learn how to protect nature from litter during an indoor activity. This program includes a hike; please dress for the weather.

BROWNIE GIRL SCOUTS

DAYTIME & EVENING PROGRAMS

SPACE SCIENCE ADVENTURER

Friday, October 7, 2022

7:00 - 8:30 p.m. | \$15 per scout

Have a blast in the Schuele Planetarium! Make a mnemonic device to help you remember the order of the planets, see the stars and more on the planetarium dome and learn all about the Moon. Change up a constellation and have a blast as we talk all about space during a mini space party.

BUGS

Saturday, October 15, 2022

10:00 - 11:30 a.m. | \$15 per scout

Buggy about bugs? Creepy crawlies don't creep you out? This program is for you, adventurous girl! Take a field trip to watch bugs at home and at work. Make a bug box and create a creepy crawly craft. This program includes a hike; please dress for the weather.

LETTERBOXER

Saturday, October 15, 2022

1:00 - 2:30 p.m. | \$15 per scout

Investigate the adventure game of letterboxing. Make your own stamp, solve clues and make a letterbox of your own. Search Huntington Reservation for hidden letterboxes. This program includes a hike; please dress for the weather.

OUTDOOR ART CREATOR

Saturday, October 29, 2022

10:00 - 11:30 a.m. | \$15 per scout

Put on your hiking shoes and grab a clipboard as we head into the great outdoors for art inspiration. We will use our senses, make leaf rubbings and dance to the sounds of nature. If you have a camera or mobile device with a camera, bring it along to take photos of nature. Create your very own window art to bring nature indoors. This program includes a hike; please dress for the weather.



PETS

Saturday, November 12, 2022

10:00 - 11:30 a.m. | \$15 per scout

Play pet BINGO and learn how much space pets need in your home to be comfy. Learn how much it costs to feed a pet and play a smart pet owner game. Visit with some animals that could be considered pets, and make a cat or dog toy to take home.

SENSES

Saturday, November 12, 2022

1:00 - 2:30 p.m. | \$15 per scout

Experiment with all 5 senses in this fun afternoon! Play a sight and memory game and a smelly game. Do a taste test with sweet, bitter, sour, and salty. Learn about touch and how the visually impaired use touch to read with braille. Use sound boxes to play a fun hearing game, too!

MECHANICAL ENGINEERING: LEAP BOT

Saturday, January 21, 2023

9:30 - 11:30 a.m. | \$18 per scout

Take part in an engineering design challenge by creating your own spring-powered bot! Learn about forces, create your own design, then build and test your bot. Share your results with fellow Brownie Girl Scouts and brainstorm ways to improve your designs. All materials provided.

MECHANICAL ENGINEERING: FLING FLYER

Saturday, January 21, 2023

1:00-3:00 p.m. | \$18 per scout

Learn about the forces of flight as you create your own fling flyer. Learn what it takes to make something fly as you design your own flyer, test it and analyze your results. Brainstorm with fellow Brownie Girl scouts on ways to make your fling flyer even better! All materials provided.

SPACE SCIENCE ADVENTURER

Friday, February 3, 2023

7:00 - 8:30 p.m. | \$15 per scout

Have a blast in the Schuele Planetarium! Make a mnemonic device to help you remember the order of the planets, see the stars and more on the planetarium dome and learn all about the Moon. Change up a constellation and have a blast as we talk all about space during a mini space party.

MECHANICAL ENGINEERING: RACE CAR

Saturday, February 4, 2023

1:00 - 3:00 p.m. | \$18 per scout

Learn about the forces at work on a race car and track, then put what you learned to the test as you design and build your very own! Complete a fair test of your car and share what you learned with your fellow Brownie Girl Scouts! All materials provided.

HOUSEHOLD ELF

Saturday, February 18, 2023

10:00 - 11:30 a.m. | \$15 per scout

Discover ways to use less electricity in your home and less water in your daily routine. Learn how to reuse and recycle items, and how to make a natural cleaners and air fresheners.

HOME SCIENTIST

Saturday, February 18, 2023

1:00 - 2:30 p.m. | \$15 per scout

Become a kitchen chemist and dive into density during this home science badge. Learn about matter, static electricity and carbonation. Get messy here at the Center rather than at home!



BROWNIE GIRL SCOUTS

DAYTIME & EVENING PROGRAMS

SHAPES IN NATURE

Saturday, April 1, 2023

10:00 - 11:30 a.m. | \$15 per scout

Grab your clipboard and head outdoors for a scavenger hunt to find shapes in nature. After you collect your data, graph your results indoors. Learn about symmetry from a spider web and tessellations from a leaf. Complete your adventure by making a data table with information about birds. This program includes a hike; please dress for the weather.

NUMBERS IN NATURE

Saturday, April 1, 2023

1:00 - 2:30 p.m. | \$15 per scout

Explore the relationship between cricket chirps and temperature. Head outdoors to collect leaves and learn how to graph them. Finally, discover how to plot out a garden and plant your very own container garden! This program includes a hike; please dress for the weather.

OUTDOOR ADVENTURER

Friday, April 28, 2023

7:00 - 8:30 p.m. | \$15 per scout

Explore nature at night on an outdoor hike. Create a scent diary, play a nighttime game and learn how to tie basic knots. Take home your very own bird feeder to help care for the animals in your backyard.

DESIGN WITH NATURE

Saturday, May 6, 2023

1:00 - 2:30 p.m. | \$15 per scout

Learn how to estimate the age of a natural object such as a tree cookie! Use your math skills to estimate the quantity of honey in a beehive. Practice ratios by making bird food to share with other girl scouts. Finally, graph data about the birds we will see on our hike through Huntington Reservation. This program includes a hike; please dress for the weather.



HIKER

Saturday, May 20, 2023

10:00 - 11:30 a.m. | \$15 per scout

Talk to experienced hikers about the great places to hike in Northeast Ohio. Learn the proper gear for your trip and make a homemade trail mix. Head outdoors for a hike through Huntington Reservation to practice observation skills and play hiking games.

ECO FRIEND

Saturday, May 20, 2023

1:00 - 2:30 p.m. | \$15 per scout

Brainstorm with your sister Girl Scouts on how to be kind to others while outdoors, then practice kindness together on an outdoor hike. Learn how to build a fire, meet the Center's resident animals, and discover ways you can protect wildlife.

JUNIOR GIRL SCOUTS

DAYTIME & EVENING PROGRAMS

FLOWERS

Saturday, October 22, 2022

9:30 - 11:15 a.m. | \$15 per scout

Learn all about flowers as we look under the petals and meet the flower families. Head outside for a flower hunt and have fun learning how flowers help people. Practicing sending a message with flower arranging and make a pressed flower bookmark.

GEOCACHER

Saturday, October 22, 2022

12:30 - 2:15 p.m. | \$15 per scout

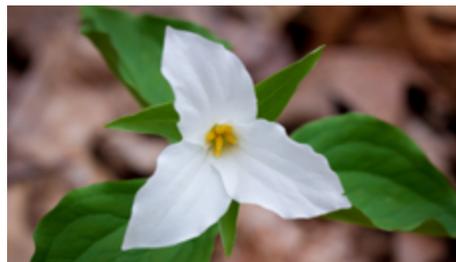
Visit the geocaching website and learn the basics of geocaching! We will work on finding the GPS coordinates of things along our way as we head into Huntington Woods and look for a geocache. Make a trade item, and take part in the journey of a Travel Bug!

OUTDOOR ART EXPLORER

Saturday, October 29, 2022

1:00 - 2:30 p.m. | \$15 per scout

Put on your hiking shoes and grab a notebook as you head outdoors to look for inspiration and music in the Huntington Reservation. If you have one, bring along a camera to take up close photos of nature and examine the details that make nature beautiful. This program includes a hike; please dress for the weather.



SPACE SCIENCE INVESTIGATOR

Friday, November 4, 2022

7:00 - 8:30 p.m. | \$15 per scout

Create a pocket solar system as you learn about the planets in our Solar System. Practice simple math to figure out your age on other planets! Make a 3-D constellation to chart the stars and learn how to properly use a star wheel. Complete the night as we discover the sky in the Schuele Planetarium.

ANIMAL HABITATS

Saturday, December 3, 2022

9:30 - 11:15 a.m. | \$15 per scout

Discover the many animals that live our area and meet some of them up close. Learn how animals care for their babies, explore endangered habitats and develop ways to help animals in your own backyard.

JUNIOR GIRL SCOUTS

DAYTIME & EVENING PROGRAMS

DETECTIVE

Saturday, December 3, 2022

1:00 - 2:45 p.m. | \$15 per scout

Take part in our all new mystery Code Crackers! Practice your powers of observation, work on decoding messages in secret codes from around the world, and uncover the strange world of fingerprints. Try your hand at fiber analysis and then use your skills to crack the code and find the prize.



MECHANICAL ENGINEERING:

PADDLE BOAT

Saturday, January 28, 2023

9:30 - 11:30 a.m. | \$18 per scout

Design your own paddle boat after learning about buoyancy and the forces that keep the big paddle boats afloat. Master physics and design to test and analyze your very own rubber band powered paddle boat. All materials provided.

MECHANICAL ENGINEERING:

BALLOON CAR

Saturday, January 28, 2023

1:00 - 3:00 p.m. | \$18 per scout

Learn about different types of energy to design and build your own balloon car. Test and analyze your results, then brainstorm ways to improve your design with fellow Junior Girl Scouts. All materials included.

MECHANICAL ENGINEERING:

CRANE

Saturday, February 25, 2023

9:30 - 11:30 a.m. | \$18 per scout

Learn about basic machines, then apply your knowledge to design and build your own crane. Test out your design in our testing area, analyze your results and brainstorm with other Junior Girl Scouts. All materials provided.

ANIMAL HABITATS

Saturday, March 4, 2023

9:30 - 11:15 a.m. | \$15 per scout

Discover the many animals that live our area and meet some of them up close. Learn how animals care for their babies, explore endangered habitats and develop ways to help animals in your own backyard.

DETECTIVE

Saturday, March 4, 2023

1:00 - 2:45 p.m. | \$15 per scout

Take part in our all new mystery Code Crackers! Practice your powers of observation, work on decoding messages in secret codes from around the world, and uncover the strange world of fingerprints. Try your hand at fiber analysis and then use your skills to crack the code and find the prize.

SPACE SCIENCE INVESTIGATOR

Friday, March 17, 2023

7:00 - 8:30 p.m. | \$15 per scout

Create a pocket solar system as you learn about the planets in our Solar System. Practice simple math to figure out your age on other planets! Make a 3-D constellation to chart the stars and learn how to properly use a star wheel. Complete the night as we discover the sky in the Schuele Planetarium.

SHAPES IN NATURE

Saturday, April 29, 2023

10:00 - 11:30 a.m. | \$15 per scout

Explore different kinds of symmetry while you hike through Huntington Reservation then create your own symmetry inspired art. Look outdoors for special patterns called fractals and Fibonacci sequences to learn how nature makes these really cool shapes! This program includes a hike; please dress for the weather.

NUMBERS IN NATURE

Saturday, April 29, 2023

1:00 - 2:30 p.m. | \$15 per scout

Head into the great outdoors and learn how to tell time with nature. Track the weather and look for changes in the seasons. Get up close and personal to trees, use math to measure shadows, and explore perimeter and area of leaves! This program includes a hike; please dress for the weather.

CAMPER

Friday, May 5, 2023

7:00 - 8:30 p.m. | \$15 per scout

Head into the great outdoors and learn how to tell time with nature. Track the weather and look for changes in the seasons. Get up close and personal to trees, use math to measure shadows, and explore perimeter and area of leaves! This program includes a hike; please dress for the weather.

DESIGN WITH NATURE

Saturday, May 13, 2023

10:00 - 11:30 a.m. | \$15 per scout

This design in nature badge is all about getting YOU out into nature and on the trail. Find your hiking pace, choose a trail, and learn how to read an elevation map. Use math to decide how much food to bring on a long hike, and practice packing for an extended adventure! This program includes a hike; please dress for the weather.



CADETTE GIRL SCOUTS

DAYTIME & EVENING PROGRAMS



TREES

Saturday October 8, 2022

9:30 - 11:15 a.m. | \$15 per scout

Learn about the parts of a tree as you hike through Huntington Reservation. Use some of its parts to create your own clay dish. Make a yummy snack and then listen to the history of logging. Bring home the knowledge of how to care for trees in your own neighborhood.

OUTDOOR ART APPRENTICE

Saturday October 8, 2022

1:00 - 2:45 p.m. | \$15 per scout

Learn about famous artists who were inspired by the outdoors. Create nature crafts and become familiar with nature's sounds. Bring your phone or camera to capture photos of nature throughout Huntington Reservation. This program includes a hike; please dress for the weather.

NIGHT OWL

Friday, November 11, 2022

7:00 - 8:30 p.m. | \$15 per scout

Visit Schuele Planetarium and learn fascinating facts about outer space! Discover the night sky and listen to star stories. Meet someone who works the night shift, then head out into the woods to experience nature at night.

ANIMAL HELPERS

Saturday, December 10, 2022

9:30 - 11:15 a.m. | \$15 per scout

Explore the ways our views of animals have changed over the years and how some animals have gone from outdoor work animals to cuddly indoor pets. Hear stories of animal heroes and talk to your Girl Scout sisters about how their pets help them emotionally. Learn how animals can help people with disabilities and how scientists have been inspired by animals to make life better for humans.

SPECIAL AGENT

Saturday, December 10, 2022

1:00 - 2:45 p.m. | \$15 per scout

Solve the brand new case: Chinchilla Forensics! Examine fingerprints, make shoe impressions, and learn how to tell if someone is lying. Then, get messy as we do blood splatter analysis (don't worry, it's fake!). Gain access to the crime scene, and sketch out the evidence as you try to figure out who took the classroom chinchilla!

TREES

Saturday March 18, 2023

9:30 - 11:15 a.m. | \$15 per scout

Learn about the parts of a tree as you hike through Huntington Reservation. Use some of its parts to create your own clay dish. Make a yummy snack and then listen to the history of logging. Bring home the knowledge of how to care for trees in your own neighborhood.

OUTDOOR ART APPRENTICE

Saturday March 18, 2023

1:00 - 2:45 p.m. | \$15 per scout

Learn about famous artists who were inspired by the outdoors. Create nature crafts and become familiar with nature's sounds. Bring your phone or camera to capture photos of nature throughout Huntington Reservation. This program includes a hike; please dress for the weather.

NIGHT OWL

Friday, March 31, 2023

7:00 - 8:30 p.m. | \$15 per scout

Visit Schuele Planetarium and learn fascinating facts about outer space! Discover the night sky and listen to star stories. Meet someone who works the night shift, then head out into the woods to experience nature at night.

SPACE SCIENCE RESEARCHER

Friday May 19, 2023

7:00 - 9:00 p.m. | \$18 per scout

Spend the evening in Schuele Planetarium as you explore light like never before! Make a color spinner, split light using spectrum glasses, and look for infrared signals. Learn the different ways we classify stars, and how a very smart woman figured out similarities between seemingly random stars. Weather permitting, we will head outside and observe the night sky with a telescope.

BACK TO NATURE DAY CAMP FOR GIRLS: NATURE'S NEIGHBORHOODS

Returns Summer of 2023

Spend four fun-filled days exploring Lake Erie Nature & Science Center and embarking on outdoor adventures through Huntington Reservation! Each year is a different camp theme with new activities to complement old favorites. Make new friends or asked to be paired with a friend in your unit. *Registration opens Spring of 2023.*



SELF-GUIDED BACKPACKS

ALL-INCLUSIVE RENTALS

DAISY GIRL SCOUTS

Eco Learner Backpack

Learn what to take and what not to take on an adventure outdoors while you learn about being prepared. See what creatures live right next to the trail and learn why you should always stay on the trail. Finally play a game where you learn all about why you should trash your trash.

Length: 1.5 hours

Fee: \$12 per Girl Scout

BROWNIE GIRL SCOUTS

Hiker Backpack

Learn about hiking in the area and what gear you should bring on your trip. Practice observation skills and play hiking games. Please dress for the weather.

Length: 1.5 hours

Fee: \$12 per Girl Scout

Pets Backpack

Play pet BINGO and learn how much space pets need in your home to be comfy. Learn how much it costs to feed a pet and play a smart pet owner game. Visit with some animals that could be considered pets, then make a cat or dog toy to take home.

Length: 1.5 hours

Fee: \$12 per Girl Scout

Senses Backpack

Use all of your five senses during this fun after-noon! Play sight, sound, memory and smelly games. Take part in a taste test and differentiate sweet, bitter, sour, and salty. Learn about touch and how the visually impaired use their senses to read with braille.

Length: 1.5 hours

Fee: \$12 per Girl Scout

Bugs Backpack

Buggy about bugs? Creepy crawlies don't creep you out? This is for you, adventurous girl! Take a field trip to watch bugs at home and at work. Make a bug box and create a creepy, crawly craft.

Length: 1.5 hours

Fee: \$12 per Girl Scout



JUNIOR GIRL SCOUTS

Animal Habitats Backpack

Learn about animals native to our area and how parent animals take care of their babies. Explore endangered habitats across the globe and discover ways you can help the animals in your own backyard.

Length: 1.5 hours

Fee: \$12 per Girl Scout

Detective Backpack

Take part in a brand new mystery: Code Crackers! Practice your powers of observation, work on decoding messages from around the world and uncover the strange world of fingerprints. Try your hand at fiber analysis and use your skills to crack the code and find the prize!

Length: 1.5 hours

Fee: \$12 per Girl Scout

CADETTE GIRL SCOUTS

Outdoor Art Apprentice Backpack

Learn about artists that were inspired by nature, and use their stories to create your own art! Then used the clay provided to sculpt or press your own piece of nature art. Make your own nature inspired playlist to play for your friends and family. Take your phone or camera outside to practice being a nature photographer, and finally test your skills sketching architecture you see while outside!

Length: 1.5 hours

Fee: \$12 per Girl Scout

Backpack includes materials for all 5 steps of the badge. Leaders/girls need to provide their own art supplies, and camera or phone capable of taking photographs.

Special Agent Backpack

Take your own fingerprints and compare them to your sister girl scouts, then watch a video to test your observation skills. Test your skills as a forensic chemist in a chromatography experiment. See if you can tell that someone is lying and finally see how good you would be as a criminal sketch artist!

Length: 1.5 hours

Fee: \$12 per Girl Scout

Backpack includes materials for all 5 steps of the badge. Leaders/girls need to provide coloring supplies, pencils, and one internet capable device.



Please email scouts@lensc.org to schedule your backpack rental. Backpack rentals completed at Lake Erie Nature & Science Center require an additional \$25 facility fee.