



### REGISTRATION INFORMATION

**Advance registration is required for all programs.** All programs require a minimum of 5 registered participants in total in order to run the program. Register online at [www.lensc.org/scout-programs](http://www.lensc.org/scout-programs). Note: 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.

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

### PLEASE NOTE

- Please follow Safety-Wise procedures and adhere to adult/child ratios. 5 adults/Daisy troop, 4 adults/Brownie troop and 3 adults/Junior troop.
- Troop leaders and adults within ratio are free of charge. Adults beyond ratio will be charged an additional fee. **Girl Scouts registered individually must be accompanied by an adult (registered as a leader) at all times.**
- Programs are designed for Girl Scouts exclusively. Additional adults and siblings are welcome to enjoy the Center while their scouts take part in programming.
- Insignia or fun patch is included with every program.

### Choose Your Own Badge!

Together with your troop, decide on which badge you would like to do from the following list. Then, call or email to book your program on select Friday nights or Saturdays during the day that fits your schedule! Minimum of 5 girl scouts required for booking. Each program takes about 1.5 hours to complete. Email for available dates and times. Bookings must be made at least 7 days before program date. Each program is \$15 per scout. **Please call 440-471-8360 or email [katyd@lensc.org](mailto:katyd@lensc.org) to book your program.**

#### DAISY GIRL SCOUTS

KINDERGARTEN - FIRST GRADE



#### OUTDOOR ART MAKER

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.**

#### LOVE YOUR MOTHER EARTH

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 create a poster showing everyone how to take responsibility for the Earth. Learn about the incredible journey that water takes on planet Earth, and meet some resident animals and learn how you can be considerate and caring to all animals you meet.

#### SHAPES IN NATURE

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

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!

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# Choose Your Own Badge continued

## DAISY CONTINUED

KINDERGARTEN - FIRST GRADE

### DESIGN WITH NATURE

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.**

## BROWNIE GIRL SCOUTS

SECOND - THIRD GRADE

### OUTDOOR ART CREATOR

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.**

### ECO FRIEND

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.

### HOUSEHOLD ELF

Find out about ways to use less electricity in your home. Learn about the importance of water and how to use less in your daily life too. Make a natural cleaner to use at home, learn about the importance of recycling and reusing items and make a natural air freshener.

### SHAPES IN NATURE

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

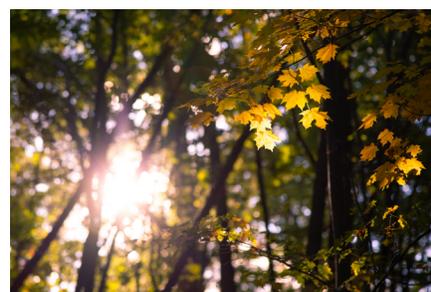
Explore the relationship between cricket chirps and temperature. Head outdoors to collect leaves and learn how to graph them. Finally, discover how to plot out a garden and plant your very own container garden! **This program includes a hike; please dress for the weather.**

### DESIGN WITH NATURE

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.**

### OUTDOOR ADVENTURER

Go on a night hike and explore the night. On the trail we will also be on the hunt for anything smelly as we make a scent diary. Play a night game and learn how to tie some basic knots. Take home your very own bird feeder to help care for the animals.



## JUNIOR GIRL SCOUTS

FOURTH - FIFTH GRADE

### FLOWERS

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.

### OUTDOOR ART EXPLORER

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.**

### SHAPES IN NATURE

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

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! **The program includes a hike; please dress for the weather.**

### DESIGN WITH NATURE

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.**

# Scheduled Girl Scout Programs

The following list of programs are available online. Learn more and register at [www.lensc.org/girl-scout-programs](http://www.lensc.org/girl-scout-programs).

## DAISY GIRL SCOUTS

KINDERGARTEN - FIRST GRADE

### SPACE SCIENCE EXPLORER

Friday, October 10, 2025

OR

Friday, February 6, 2026

7:00 – 8:30 p.m. | \$15 per scout

Learn about the Moon and take an up-close look in Schuele Planetarium. Make a pretend telescope and learn about 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, December 6, 2025

10:00 – 11:30 a.m. | \$15 per scout

Take part in our 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 10, 2026

10:00 – 11:30 a.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 21, 2026

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.

## BROWNIE GIRL SCOUTS

SECOND - THIRD GRADE

### SPACE SCIENCE ADVENTURER

Friday, November 7, 2025

OR

Friday, March 13, 2026

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.

### LETTERBOXER

Saturday, October 18, 2025

10:00 – 11:30 a.m. | Fee: \$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.**

### HOME SCIENTIST

Saturday, December 13, 2025

10:00 – 11:30 a.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!

### MECHANICAL ENGINEERING: LEAP BOT

Saturday, December 13, 2025

12:30 – 2:30 p.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 10, 2026

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.

### MECHANICAL ENGINEERING: RACE CAR

Saturday, February 21, 2026

12:30 – 2:30 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.

## JUNIOR GIRL SCOUTS

FOURTH - FIFTH GRADE

### GEOCACHER

Saturday, October 18, 2025

12:30 – 2:00 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 Reservation and look for a geocache. Make a trade item, and take part in the journey of a Travel Bug! **Please dress for the weather.**



# Scheduled Girl Scout Programs continued

## JUNIOR CONTINUED

FOURTH - FIFTH GRADE

### SPACE SCIENCE INVESTIGATOR

Friday, November 7, 2025

OR

Friday, March 13, 2026

7:00 – 8:30 p.m. | \$15 per scout

Create a pocket solar system as you learn about the planets in our Solar System. Do some super easy math and 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. Finish the night as we share the sky in the Schuele Planetarium.

### MECHANICAL ENGINEERING: PADDLE BOAT

Saturday, December 6, 2025

1:00 – 3:00 p.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 17, 2026

9:30 – 11:30 a.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, January 17, 2026

12:30 – 2:30 p.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.



## Self-guided Backpack Rentals

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. Learn more at [www.lensc.org/girl-scout-programs](http://www.lensc.org/girl-scout-programs).

## CADETTE GIRL SCOUTS

SIXTH - EIGHTH GRADE

### NIGHT OWL

Friday, November 21, 2025

7:00 – 8:30 p.m. | \$15 per scout

Visit the Schuele Planetarium and learn some fascinating facts about space! Learn all about the night sky and share in the star stories of old. Meet someone who works the night shift, and then head out into the woods to experience nature at night. **Please dress for the weather.**

### SPACE SCIENCE RESEARCHER

Friday, May 15, 2026

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. **Please dress for the weather.**

