

Balboa Park Resource Guide for Girl Scouts



Girl Scouts, San Diego-Imperial Council, Inc.
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Aerospace Museum

Junior, Cadette, and Senior Girl Scouts Resources
at the San Diego Aerospace Museum

Self Guided tour of the museum

(Museum Discovery, Inventions, and Inquiry)

- GPS exhibit (Orienteering)
- Women in Flight (Women Through Time)
- Space Gallery (Space Exploration)

You can also add a visit to the Restoration Facilities
(Build a Better Future, Museum Discovery)

Visit the website at www.aerospacemuseum.org
(Museum Discovery)

Contact us if you want to:

Collect data (Math, Maps and More)

Conduct research in our Library and Archives (Photography, Space Exploration, Inventions and Inquiry, Women through time, etc.....)

Interview someone (Generations Hand in Hand, Museum Discovery, Women Through Time, Orienteering, Public Relations, Build a Better Future, Aerospace, etc....)

Volunteer (Museum Discovery, etc....)

Education Programs

Kites! (Grades 1-12) - Aerospace

International Space Station (Grades 1-12) - Space Exploration

Aerospace Heritage Program (Grades 1-12) - Aerospace

Lighter-Than-Air Flight (Grades 3-12) - Space Exploration

Aviation History and Science (Grades 4-9) - Space Exploration,
Aerospace

Rocket Science for Real (Grades 4-9) - Space Exploration

Aerodynamics with Paper Airplanes (Grades 4-12) -Aerospace

Guidelines:

- Two-week advance reservation required.
- All programs are about two hours long.
- Programs are available September through June, Monday to Friday, between 10 a.m. and 3 p.m. at the museum. Additional times subject to availability.
- Minimum number of students is 15; maximum number of students is 30.
- Cancellations must be made at least one week in advance and are subject to a \$50 processing fee. If cancellations are not made one week in advance, 100% of the program fee will be charged.
- Confirmation of cancellations will be sent by mail or fax.
- Please Note: Badges are not provided and are the responsibility of the troop leader.

Cost, Reservations, And Information:

- The cost is \$8 per girl for each workshop.
- All materials are provided.
- Contact the Education Coordinator at (619) 238-7559 x236 or edudept@mopa.org.

Museum of Photographic Arts

Shutterbugs

The objective of the Girl Scout Photography Program is to educate Girl Scouts in specific areas related to the field of photography. Girls will learn how cameras use light to create pictures and basic composition skills that they can apply to making their own photographs.

Badge Requirements:

- **Juniors:** There are 6 requirements necessary for completion of the Camera Shots Badge for Juniors. Juniors can complete their badge with the *Click!* program.
- **Cadettes and Seniors:** There are 7 specific activities for girls to earn their Photography Badge. *What a Great Eye!* combined with on-your-own assignments will fulfill the badge requirements.
- In addition to the Photography Badge, MoPA also offers *How to Run Your Own Museum!* Earn a Museum Discovery Badge through this program in combination with on-your-own assignments!

Programs:

- ***Click!*** (Juniors)
Learn about different cameras, lenses, and their uses by tracing the evolution of photography and film. Girls will take portraits of each other and create a frame for their favorite work!
- ***What a Great Eye!*** (Cadettes and Seniors)
Girls will explore the basics of composition and design through an interactive photo-composing activity. They will also learn about digital photography and will apply their learned skills to making digital pictures while using Balboa Park as their background. Girls will go home with their very own digital photograph at the end of the session!
- ***How to Run Your Own Museum!*** (Cadettes and Seniors)
Learn about the museum's mission and history through a friendly, entertaining, and educational behind-the-scenes tour of MoPA. Girls will participate in a guided tour of the current exhibit and a museum activity!

Museum of Art

The San Diego Museum of Art offers badge workshops for Daisy, Brownie, Junior, Cadette, and Senior Girl Scouts. Each workshop combines a tour of selected artworks from the museum's permanent collection, as well as hands on art projects. When possible, artworks from special exhibitions are also utilized. With the exception of Museum Discovery, all workshops meet the badge requirements for their respective programs. It is the responsibility of the troop to provide the actual badge.

There is a 10-minute break scheduled during each workshop. The troop is responsible for bringing a snack.

The Daisy program is one hour in length. The cost for the Daisy program is \$5 per girl with a 10 girl or \$50 minimum.

The Brownie program is 2½ hours in length and includes a break for snacks. The cost for the Brownie program is \$8 per girl with a 12 girl or \$96 minimum.

Junior, Cadette, and Senior programs are three hours in length and includes a break for snacks. The cost is \$8 per girl with a 12 girl or \$96 minimum.

If your troop is small, please try to get together with another troop to make the minimum dollar amount. A small troop may choose to come alone, however the minimum fee will be required.

Payment should be made on the day of the workshop in the form of a check made out to SDMA for the number of girls attending.

Backpacks, coolers and other large items are not permitted in the museum, but please bring these items with you from the parking lot, as they can be kept in the art studio. No photography is allowed in the museum galleries. Cameras and video equipment are allowed in the art studio.

Please contact Karin Baker, Girl Scout Program Coordinator at (619) 595-0360. Workshops can be scheduled Wednesday and Friday afternoons and a limited number of Saturdays. All workshops are scheduled on a first-come, first-served basis.

Daisy Girl Scout Program

Beauties and Beasties

The youngest Girl Scouts will go on an adventure inside the museum when they hunt for animals in the museum's permanent collection. They will see how artists have portrayed animals throughout the centuries. They will hear a special animal story and create their own artwork with an animal theme.

Brownie Girl Scout Workshops

Colors and Shapes Try-It

Colors and shapes are waiting to be discovered in a gallery tour. Girls will spot red triangles and yellow circles, mix up colors, and stir up fun in this action packed workshop. Girls will create two different types of paintings and make a colorful, shape-filled mobile.

Puppets, Dolls and Plays Try-It

Brownies will tour narrative paintings in the museum's collection and have fun imagining the what is happening in the paintings. Girls will create finger puppets, stick puppets, and rag dolls in the art studio. The Brownies will collaborate on creating a narrative backdrop (poster board and markers) for the puppets. Each girl will be able to introduce the puppet of her choice in a short impromptu performance.

Building Art Try-It

The architecture of Balboa Park and the San Diego Museum of Art will be explored. A "Façade Game" will be played on the front steps of the museum. In the art studio, 3-D, small scale neighborhoods will be created from a variety of art supplies and found objects. Each girl will create an assortment of neighborhood structures and participate in a neighborhood "block party".

Junior Girl Scout Workshops

Art in the Around Badge

Girls discover the museum's sculpture garden and learn about three different women sculptors who work with metals and other natural materials. Girls will make two different types of sculptures using clay and other materials.

Brownie and Junior Girl Scout Program

Mummy Patch

Designed primarily for Brownies and Juniors, the Mummy Patch program includes the following:

- ✓ Mummies in Different Cultures: a guided tour of the Mummies Around the World exhibit with a Museum Educator that includes the following:
 - How mummies are made and where in the world they are found.
 - The importance of mummies in different cultures throughout the world.
- ✓ Mummies in Ancient Egypt: an in-depth exploration of the rituals and practices of mummification in Ancient Egypt that includes a hands-on component utilizing items in an artifact cart and addresses the following topics:
 - The methods and significance of Egyptian mummification, especially in relation to Ancient Egyptian religious beliefs.
 - An up-close examination of Egyptian artifacts used in mummification.
 - The meanings of hieroglyphs and paintings placed on Egyptian coffins and tomb walls.
- ✓ Mummy Science: the role that science and technology play in the study of mummies today will be discussed, as will how the museum cares for mummies in its collection.
- ✓ Make a Mummy: participants will make and decorate a mummy in clay.
- ✓ One San Diego Museum of Man Mummy Patch per participant.

Time first Thursday of the month 3:30 - 5 p.m.

Fee \$8.50 per girl, patch included

Museum of Man

The San Diego Museum of Man has an extensive, permanent exhibit on Ancient Egypt that includes numerous Egyptian mummies, coffins, mummy masks, and other artifacts used in Egyptian mummification. Also on display are mummies from cultures throughout the world, including mummies from Mexico, South America, and northern Europe.

Advance reservations are required and can be made by calling the Museum of Man Education Department at (619) 239-2001, ext 20. Individual troops that do not meet the minimum group size (20 girls) will be combined with other troops to meet group size requirements. Payment is required the day of the program, and can be made at the Museum of Man Admissions Desk.

Brownie Girl Scout Program

Native American Try-It

The San Diego Museum of Man has a permanent exhibit on the Kumeyaay Indians — Native Americans who live in San Diego County. By combining a guided tour of this exhibit with a number of hands-on activities, the museum can help girls fulfill the requirements of the *Native American Try-It* for Brownie Girl Scouts.

The following activities are included in the program:

- ✓ Listen to stories: a Kumeyaay legend will be read in the replica of a traditional Kumeyaay house - called an *e'waa* - located in the Kumeyaay exhibit.
- ✓ Play Native American games: traditional Kumeyaay games will be demonstrated and played by participants.
- ✓ Learn about Native American History: a guided tour of the exhibit will discuss traditional ways of life, including clothing, shelter, tools, and art.
- ✓ Make a Native American craft: participants will make and decorate a pinch pot in clay.

Time third Thursday of the month 3:30 - 5 p.m.

Fee \$7 per girl

Visual Arts Badge

Painters use color to create mood and show weather and time of day. Girls will learn some of these techniques as they learn about tone, value, and hue. They will paint their own impressions of the world, learn about optical illusion art, and create their own op-art collage.

Drawing and Painting Badge

Line, shape, color, and texture are the elements of any drawing or painting. Girls will have fun experimenting with these techniques. They will mix the primary colors and get their palettes ready to create three watercolor and tempera paintings in their own style.

Prints and Graphics Badge

Girls will learn about different methods of printmaking. They will see several types of prints which are part of the museum's collection. They will experiment with different types of printmaking methods such as vegetable printing, relief printing, and screen printing. Each girl will choose favorite experimental prints and combine them in small books.

Folk Art Badge*

Girls find inspiration from their own experiences to create artworks in the folk art style. They learn about the art of storytelling and about folk games and toys. They will create a portrait, illustrate a story, and make a musical instrument or toy.

*Folk Art is offered only when the museum has an exhibit of folk art on display.

Cadette and Senior Girl Scout Program

Museum Discovery Interest Project

Girls look behind the scenes at the San Diego Museum of Art and find out who works in a museum, how the collection is cared for, how programs are planned, and what technologies are used. They will design their own museum and make a small model from cardboard and other materials. This 3 hour workshop will enhance the *Museum Discovery* Interest Project.

Automotive Museum

Junior Girl Scout Model Car Building Classes

Who said girls don't like cars! And who said girls can't build models? Well, it's just not true.

Learn how to build scale model of your favorite cars. The model building class at the San Diego Automotive Museum will teach you the fine art of assembly, painting, proper color use, details of accuracy and cleanliness, decal mounting and display or your finished product. At the conclusion, you will take home a finished model of a fine automobile.

Time	Saturday	9 a.m. - noon
	School Breaks	12:30 - 3:30 p.m. (weekdays)
Fee (per girl)	\$10 (kits and materials included)	
Pre-registration	\$5 (non-refundable), minimum class size is 8 students, maximum is 15	

An 8-hour program is available. Contact Kenn Colclasure at (619) 231-2886 or kenn@sdautomuseum.org for more information/dates.

Cadette and Senior Girl Scout Car Sense Programs

Service Projects

- Volunteer at the San Diego Automotive Museum
- Create a campaign to promote automotive safety

Career Exploration

Interview a mechanic, car service manager, automotive instructor, parts counter person, body shop specialist, designer, or car assembler. Find out what factors let to choosing that career, etc.

Time	Evenings	4 - 7 p.m.
	Saturday/Sunday	9 a.m. - noon
	School Breaks	1 - 4 p.m. (weekdays)
Fee (per girl)	\$15	
Pre-registration	\$10 (non-refundable), minimum class size is 8 students, maximum is 15	

San Diego Zoo

Girl Scouts Explore the San Diego Zoo

Get the inside story of life at the San Diego Zoo, past, present and future, on this 90-minute guided tour. Choose from the following themes:

Inside Story - tells the tales of many of the Zoo's residents and gives girls an idea of how to run the zoo

Dr. Harry's Time Machine - takes girls back through the history of the San Diego Zoo starring some of our famous animals and the antics of our first director Dr. Harry Wegeforth.

Both tours include an up-close animal encounter and a behind-the-scenes visit.

Girl Scouts Explore Science at the San Diego Zoo

Experiment with the curious Dr. Zoolittle and conduct some amazing hands-on science mixed with laughter and fun. All activities connect science with wildlife. After the troop gets to try their own science projects, the program ends with a stop in the Children's Zoo for a special animal presentation.

Minimum group size is 20 people; small troops can combine to make one larger group. A minimum ratio of 1 adult per 10 scouts is required. Please do not bring non-scout siblings or babies as it impacts the Girl Scouts' experience.

Reservations are required. Call (619) 557-3963 for reservations. Cancellations require 24-hour notice or a \$50 unused guide fee will apply.

Time	Monday and Wednesday	3:30 - 5 p.m.
	Saturday	1:30 - 3 p.m.
Fee	\$12 per person (girls and adults)	

Reuben H. Fleet Science Center

Making Their Mark

Marston House Tour, Facts About Irving Gill

Down To Scale: Marston House Blueprint Station

Girls will look at the architectural drawings of the Marston House up close. They will also examine some of the architectural tools of Gill's time that will be displayed at the station. They will then use their own scales (rulers) to measure and examine/study the drawings more.

Design it Yourself!

Girls will be supplied with pencils, graph paper, scales (rulers), compasses, and protractors to design their own plan of a room to scale. They may design from their own imagination or add improvements on a room they saw in the Marston house by following the directions below:

We are currently offering badge workshops for both Brownie and Junior Girl Scouts. Successful completion of these workshops will fulfill all of the requirements for each of the badges offered. Badge programs are offered on weekends throughout the year, subject to availability. Each workshop begins at noon.

The Brownie workshops are two hours long and cost \$12 per girl (does not include badge). The Junior workshops are three hours long and cost \$14 per girl (does not include badge). A minimum of 10 girls, maximum of 30, is required for each workshop. Troops are encouraged to partner with other troops/groups. One adult chaperone is required per 8 girls.

Badge workshops must be booked at least one month in advance. Please have two possible dates in mind when you call. Reservations are taken by phone only at (619) 238-1233, ext 802. Have the following information ready:

Troop number

Troop leader's name (first & last)

Address

Phone number

Alternate phone number

E-mail

Brownie or Junior Girl Scout Workshop

Name of workshop

Number of Girl Scouts

Number of leaders/chaperones

Dates preferred (Have first and second choices ready.)

Brownie Girl Scout Workshops

Science In Action

Science Wonders

Junior Girl Scout Workshops

Science Discovery

Science In Everyday Life

Science Sleuth

San Diego Historical Society

What's So Cool About Architecture Anyway?



Junior Girl Scout Badge Workshop

This is an opportunity to either help your troop get a great start on earning your Architecture badge, or, to earn the *entire* badge! The morning program includes a visit to the new *Blueprints to Buildings* exhibit at the Historical Society and activities such as: building your own structure, playing the "Airports to Zoos" game, and taking a "building tour" of San Diego as our guest architects! If your troop decides to go for the whole enchilada, you'll not only get to learn about Irving Gill and study his blueprints, but you'll also get to take a tour of a house he designed: The Marston House! Then, while all the ideas and inspiration are fresh in your mind, you'll be designing a room of your choice to scale. So, come on down to the San Diego Historical Society and find out *What's so Cool About Architecture Anyway!*

Time Saturday 10 a.m. - noon
(optional afternoon tour/activities - 1-3 p.m.)

Cost \$10 per girl
(additional \$4 to add on optional afternoon tour/activities)
Please bring your own lunch to picnic in the Marston House garden if you will be attending the afternoon session.

For more information or to sign up your troop, contact Sherrin Landis at (619) 232-6203, ext 149 or landis@sandiegohistory.org.

Junior Girl Scout Workshop

Schedule

- | | |
|----------------|---|
| 10 a.m. - noon | Tour and activities in the <i>Blueprints to Buildings</i> exhibit and activity center at the San Diego Historical Society Museum in Balboa Park. (\$10 per girl for the first two hours) |
| noon - 1 p.m. | Architectural walk through Balboa Park and picnic (bring your own lunch) in the Marston House garden and park area (on your own). |
| 1 - 3 p.m. | Tour of the Marston House and optional exploration of the Marston House blueprints and then design it yourself activity. (An additional \$4 to add this session on to the morning session.) |

Girls will participate in the following, which meet all requirements for the Architecture Badge:

House of Sticks

Girls will be supplied with many varied materials in order to create their own structure.

Idea File

Girls will be provided with an idea file notebook. During the badge workshop, their activities and architectural ideas will be added. The scouts will take these files home.

Building Tour

Inform the girls that they are architects visiting San Diego to study our unique blend of architecture. To do this they will be looking at photos of different buildings and architectural styles found here in San Diego.

Airports to Zoos

Brainstorm! Give each girl (or they may work with a partner) a sheet of paper and a pencil. Give them 2 minutes to write down as many types of buildings they can think of. Go!