

Brownie Girl Scout Badge Links



Brownie leaders: Please use this guide to help your scouts fulfill requirements toward earning badges. All of the requirements listed below can be done at the Saint Louis Science Center at your leisure. We have listed the name of the badge, followed by the name of the particular requirement(s) that can be completed and the location within the Science Center, if applicable. It is our hope that you and your scouts have fun exploring the Science Center and earning badges.

ALL IN THE FAMILY

Say Cheese - Saint Louis Science Center

Take a family picture anywhere in the science center and the talk about it with your girl scout troop.

Family Fitness - Med Tech

To help your family stay fit, come to the Saint Louis Science Center! Enjoy all the fitness opportunities in the Med Tech gallery: Run up and down stairs, do the sit and reach and try a few of the stretches that are provided.

Make a Family Time Capsule - Saint Louis Science Center

Your Try-It book asks you to make a family time capsule. For your family time capsule you could include things that the Science Center has going on or what you have done there. All you have to do is come to the Science Center and gather a few of our many brochures.

AROUND THE WORLD

Where in the World...? - Cyberville LAN

Your Try-It book lists the countries around the world where girls grow strong through Girl Scouting. Head to the Cyberville Gallery and use the 12 public Internet access computers to look up maps and interesting facts about girl scouting around the world.

BUILDING ART

Building for the Future - James S. McDonnell Planetarium

Bring your troop to Forest Park and sit in a place where you can all see the Saint Louis Science Center (in the grass outside the Planetarium is a nice place!). Have each girl draw a design of what they think the Saint Louis Science Center could look like in 100 years. What will change? What will stay the same? If there will be cars in the future, will they go over or under the bridge? Or both?

Put On Your Hard Hat - Structures Gallery

Try building some of the models in the Structures Gallery. There are bridges to build, gears to turn and of course, the Catenary Arches! Use these as practice before building similar structures out of only paper and tape at your next Brownie troop meeting. Good Luck!

Design an Ideal Girl Scout Meeting Place - Saint Louis Science Center

Look through the Saint Louis Science Center and find a large space where you would like to have a troop meeting. Make a sketch of this space as it looks now. What would you add to make it better for your meetings? What would you take away? Share your designs with your friends.

Designing a Space for Someone with Special Needs - Saint Louis Science Center

There are lots of people who have disabilities who come to the Saint Louis Science Center. Take a look around while you spend your day here and see if there are any changes you might make to make it easier or safer for someone with a disability to get around. As a troop, take your observations and suggestions to a Saint Louis Science Center employee and share them! You might see something we have missed.

CAREERS

Women Pioneers - Cyberville LAN

Your Try-It book asks girls to think about what they want to be when they grow up. Head to the Cyberville Gallery and use the 12 public Internet access computers to research women inventors and women pioneers.

CARING AND SHARING

I Care - Saint Louis Science Center

List a few of your favorite things to do at the Science Center then share this list with a friend and discuss your reasons why.

A Friend's Scrapbook - Saint Louis Science Center

Make a scrapbook of your day at the Science Center. It could include all of the activities that you have done with your friends.

Computer Smarts

Be Prepared - Cyberville Gallery

With an adult partner, learn to use the Internet effectively and safely. Visit the public Internet computers in Cyberville, the Science Center's computer science gallery. Type <http://www.girlscouts.org/girls/> in the address bar. Find and read the Safety Pledge with your adult partner.

Open the Door - Cyberville Gallery

With an adult partner, explore the "links" section on the <http://www.girlscouts.org/girls/> web page. Travel to at least three sites that are "Just for Brownie Girls Scouts." Learn how to return to the Girl Scouts site using the Internet browser's navigation arrows.

Finding a Favorite - Cyberville Gallery

With an adult partner, use one of the gallery's Internet computers to travel to www.yahooligans.com, a search engine just for kids. Check out the various categories on the homepage and find one that interests you. Use the search engine to find information about the topic.

Can you Believe... - Cyberville Gallery

With an adult partner find some different types of websites using the computer lab in the Cyberville Gallery. Can you find a site that has ".com" at the end? That means it's a commercial site, many of which sell products. Can you find a site whose address ends in ".edu"? How about ".gov"? Talk with your adult partner and your troop about finding reliable information on the Web. What should you do if a website asked for your email address or other personal information? Has your adult partner ever bought anything online? Ask her to talk to you about what she considered before buying something over the Internet.

Computers at Play - Cyberville Gallery

With an adult partner, play an online game that you find through the Brownie Girl Scouts links at <http://www.girlscouts.org/girls/>.

EARTH AND SKY

Can You Dig It? - Ecology and Environment Past Gallery

Visit the St. Louis Science Center's Paleontology Lab to learn more about what scientists do when they are digging for fossils and help a paleontologist clean fossils. Why do we have to be careful when we dig? Are there any special precautions we should take when exploring what is in the earth?

Going, Going, Gone - Ecology and Environment Past Gallery

Visit the stream table in the Ecology and Environment Gallery. What happens as water moves through the sand? How can we help minimize the effects of erosion?

What's an Eclipse? - James S. McDonnell Planetarium

At the Planetarium you can learn how the solar system moves, catch a star show and talk to Science Center staff members about what happens during an eclipse. Find out if we can expect a solar or lunar eclipse anytime soon.

GIRL SPORTS

Stretching Action - Med Tech Gallery

Your Try-It book lists many stretches you can do to warm up your muscles before exercising. Try a few of the stretches and activities available in the Med Tech gallery to get your heart pumping!

HOBBIES

Types of Hobbies - Ecology and Environmental Past Gallery, Cyberville Gallery

Can you find different hobbies at the Saint Louis Science Center? As you explore the galleries, make a list of things in the gallery that people have collected. Do you have a collection? How about hobbies that involve making things? Head to Cyberville where you can build a digital fish and see the inside of a computer. As a troop, you might like to sign up for the LEGO Mindstorms exhibit to compete in a robotic challenge.

Organizing Your Hobby - Ecology and Environmental Past Gallery

Look at the collections in the Ecology and Environment Past Gallery and the Paleontology Lab. How are they organized? What information is on the labels? Why is that information important? At home, build a collection of your own (or use one you already have) and make an organization system that works for you.

Show and Tell – Saint Louis Science Center

Take pictures while you visit the Science Center and share them at your next troop meeting. Share what you have learned about hobbies!

MANNERS

All Around the World – Saint Louis Science Center

While visiting the Science Center use the different kinds of greetings that you have learned through your Try-Its Guide. You could also go to the Cyberville gallery and use the Internet to find out how to say “please” and “thank you” in another language.

MY BODY

Funny Face – DNA & Med Tech Galleries

Stretch out your muscles, run up and down stairs and measure your pulse. Explore how your heart and lungs work together to keep you healthy. Look in the mirror and try to roll your tongue. Can you do it? What other funny faces can you make? Can you touch your nose with your tongue? Can you flare your nostrils or wiggle your ears? Can you cross your eyes? All of these things are inherited traits – Thanks to DNA!

Muscle Reaction – Med Tech Gallery

Place one of your arms straight down by your side. Ask a friend to hold your arm down while you try as hard as you can to lift it. Count to 20, trying as hard as you can to lift your arm. After you have counted to 20, your friend can let go. Stand still and let your arm relax. What does your arm do?

Pulse – Med Tech Gallery

Take time to count your pulse (the number of heart beats in a minute – or take the number of beats in 15 seconds and multiply by 4.) Go up and down the stairs in the Med Tech Gallery for thirty seconds and measure your pulse again. Have a friend do the same and compare your numbers. Whose is faster? Whose is slower? Why?

SAFETY SENSE

Playground Safety – Science Park

Using Science Park (located outside of the planetarium) as your playground, think of rules you could set to make it a safe place for everyone. Discuss your ideas with your troop.

TRAVEL RIGHT

Be Prepared – Saint Louis Science Center

Preparation before you get to the Science Center is a good thing. How many are going to be in your group? What time are you coming to the Science Center? If you're having lunch, do you need to pack it from home or bring money so you can buy it? When leaving the Science Center, where is your meeting spot and what time will you need to meet? All of these questions help so you are prepared when you get to the Science Center to enjoy your visit.

Scenery Scavenger Hunt – Saint Louis Science Center

You and your troop could create a scavenger hunt based on the Science Center. Split your troop into a few groups and each group can find interesting facts about our different galleries. On a sheet of paper, write questions for another group. Then exchange your scavenger hunts and answer each other's questions.

Travel Journal – Saint Louis Science Center

Create a journal describing all of the different galleries that you saw during your visit to the Science Center. Include things like people you saw and things that were happening. Pictures and drawings are always nice to include.

