

Bear Badge Links



Bear Cub leaders: Please use this guide to help your cub 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 first, 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.

AIRCRAFT

Mission Control

Visit Mission Control, located in the tunnel between the Saint Louis Science Center's main building and the James S. McDonnell Planetarium. Try out a flight simulator! Learn about the different forces acting on an airplane like lift and drag. What is the difference between roll and yaw?

BUILDING MUSCLES

Med Tech Gallery and Science Park

In the Med Tech gallery there are all sorts of stretches and workouts that you can do to see how physically fit you are. Try lifting a bar and see how long you can hold it up, or see how far you can sit and reach. Once you are finished stretching and testing your own strength, head over to Science Park and do some of the partner contests and the relays that are located in your Bear Handbook.

FAMILY FUN

Saint Louis Science Center

Plan a visit to the Science Center with your family. Before you go, log on to the Science Center's website, www.slscenter.org, or call the Science Center to find out what shows and demonstrations are taking place and what times they start. Think about what you and your family would like to see and do together. Is there anything you might like to bring? You could bring snacks or a picnic lunch. Pack them in a handy bag that will be easy to carry with you.

FAMILY OUTDOOR ADVENTURES

Science Park

You can have an outdoor adventure even at the Saint Louis Science Center! The next time you visit the Science Center, pack a lunch. You can explore Science Park (located outside the Planetarium) and then sit down to eat. Or, come to the Science Center for a public telescope viewing: The St. Louis Astronomical Society hosts public Star Parties at the Science Center on the second Friday of each month, January-October. Weather permitting, the St. Louis Astronomical Society and the Science Center will set up a number of telescopes and be on hand to answer visitor questions. Regardless of the weather outside, indoor events are scheduled for each Star Party and are held inside the Planetarium.

GAMES, GAMES, GAMES

Science Park

Go to Science Park, located outside the Planetarium, and play the games that your Cub Scout Bear Handbook requested from you. You can play all kinds of partner games such as kickball, volleyball, horseshoes etc. Then you should learn a game that you have never learned before; maybe choose one that is played in another country.

INFORMATION PLEASE

Cyberville Gallery

With an adult's permission search the Internet using the public Internet access computers in Cyberville. What kinds of information can you find? How do you know if it is good information? Now, find the "hub" of the Cyberville Internet computers. How do computers communicate to each other?

JOT IT DOWN

Saint Louis Science Center

Visit the Saint Louis Science Center. When you get home, write two letters to relatives or friends about your trip. Tell them what you did, what you saw, and if you had fun. Be sure to write clearly and describe things well so that the person reading your letter can picture what you are talking about.

MAGIC

Human Adventure Gallery

The Human Adventure Gallery, located on the main level of the Saint Louis Science Center, has several puzzles to figure out. Some of these puzzles look impossible. Some look like magic! Can you figure out how to balance 11 nails on the head of one nail? Find this puzzle and figure it out!

SPACE

James S. McDonnell Planetarium

Find the planisphere, a circular star chart that tells you what the sky will look like on any date at any time. Constellations are groups of stars, many of which are named after characters from mythology. Spin the chart to see the various constellations we can see throughout the year. Some can be seen all year long. Nearby are displays of the constellations that appear in the spring, summer, autumn and winter skies. Can you find the Big Dipper? Draco the Dragon? Orion? You can learn about the planets as well as the stars! Find out how Earth, Mars and Venus are all different from each other.

WATER AND SOIL CONSERVATION

Stream Table (Lower Level)

The Saint Louis Science Center's Stream Table is available to visitors on the lower level of the Main Building. Here visitors can observe what happens when water erodes the landscape. See how water alters the world by visiting our stream table!

As a den, visit one of the streams or ponds located in Forest Park. These water sources are important for the wildlife of Forest Park. They provide food and shelter for birds, reptiles, amphibians and fish of all kinds. Work as a den to clean up some of the pollution that can accumulate in these areas. Talk about types of water pollution and what can be done to prevent them.

