

# Webelos Cub Badge Links



Webelos 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.

## **ATHLETE**

### **Stretching - Med Tech Gallery**

It is good to warm up your muscles before exercising. Try a few of the stretches and activities available in the Med Tech gallery. Why do these activities get your heart pumping? Why does your heart beat faster when you're exercising?

## **CITIZEN**

### **Character Connection - Cyberville Gallery**

Using the Internet in the computer lab in the Cyberville Gallery, research what rights you have as a United States citizen and the reason for each.

### **Our Elected Officials - Cyberville Gallery**

Using the Internet in the computer lab in the Cyberville Gallery, find out who your current elected officials are and research past presidents, mayors and other officials that have been influential in your community.

## **COMMUNICATOR**

### **Methods of Communication - Cyberville Gallery**

Using the Internet in the computer lab in the Cyberville Gallery, find out how people communicate around the world. How has communication changed throughout history?

### **Surf the Web - Cyberville Gallery**

Using the Internet in the computer lab in the Cyberville Gallery, find five web sites that interest you. How do these web sites communicate information? What kinds of information are available?

### **You've Got Mail - Cyberville Gallery**

Using the Internet in the computer lab in the Cyberville Gallery, send an email to a friend or relative. If you do not have an email account, ask a Cyberville Gallery member to help you set one up and show you how it works. How does email help you keep in touch with friends and family? What do you like and dislike about email when compared to other forms of communication like the telephone and hand-written letters?

### **Computers - Cyberville Gallery**

Visit Cyberville to learn how computers work. What are the parts of a computer? How do you communicate to the computer? How do computers communicate with each other? As a troop, you may consider signing up for LEGO Mindstorms to get hands on experience programming a computer.

## ENGINEER

### [Bridging the Gap - Structures Gallery](#)

Cross over from a novice to a full-fledged engineer with a greater understanding of bridges. How many types of bridges can you find to create here in the Saint Louis Science Center Structures gallery? What other kinds of building structures can you find to construct? Use the Tinker Toys available to recreate one of the structures found here or create your own!

## GEOLOGIST

### [Minerals and Home Building - Structures Gallery](#)

Head over to the structures gallery to see what kinds of familiar building materials you can find. Steel, glass, concrete and so many more materials are used in building homes. Can you find what minerals are used to create these building materials?

### [This Joint is Jumpin'! - Ecology and Environment Past Gallery](#)

To further understand the cause of volcanoes and earthquakes head over to the Ecology and Environment Past gallery to get some illumination on the formation of volcanoes and to shake things up on our earthquake plate. Watch videos of real volcanic eruptions and some of the most influential earthquakes in history!

### [Digging into the Past - Ecology and Environment Past Gallery](#)

To unearth the truth behind fossils, take a walk through the Ecology and Environment Past gallery to discover more about fossil formation and just what it takes to date a fossil (no flowers or candy required)! Check out our dioramas to submerge yourself into Missouri's past and truly understand where we came from and what kinds of fossils you can find in your own backyard!!

Be sure to check out the PaleoLab on the lower level! Hold a real fossil and watch a paleontologist at work!

## Scientist

### [Movin' Right Along - Main Lobby](#)

Newton's first Law of Motion states that an object in motion will stay in motion until acted on by an outside force. Here in the Saint Louis Science Center we have a ball machine in the lobby made of simple machines and run primarily by gravity. Can you name three simple machines found in the ball machine? Try out our 'hamster wheel' to begin the process of inertia and gain a greater understanding of how motion works!

### [In the Eye of the Beholder - Human Adventure](#)

Head to the Human Adventure gallery to learn more about how the parts of your eyes work together to help you experience the world around you through sight! Move through the gallery to learn more about optical illusions and how they work.

