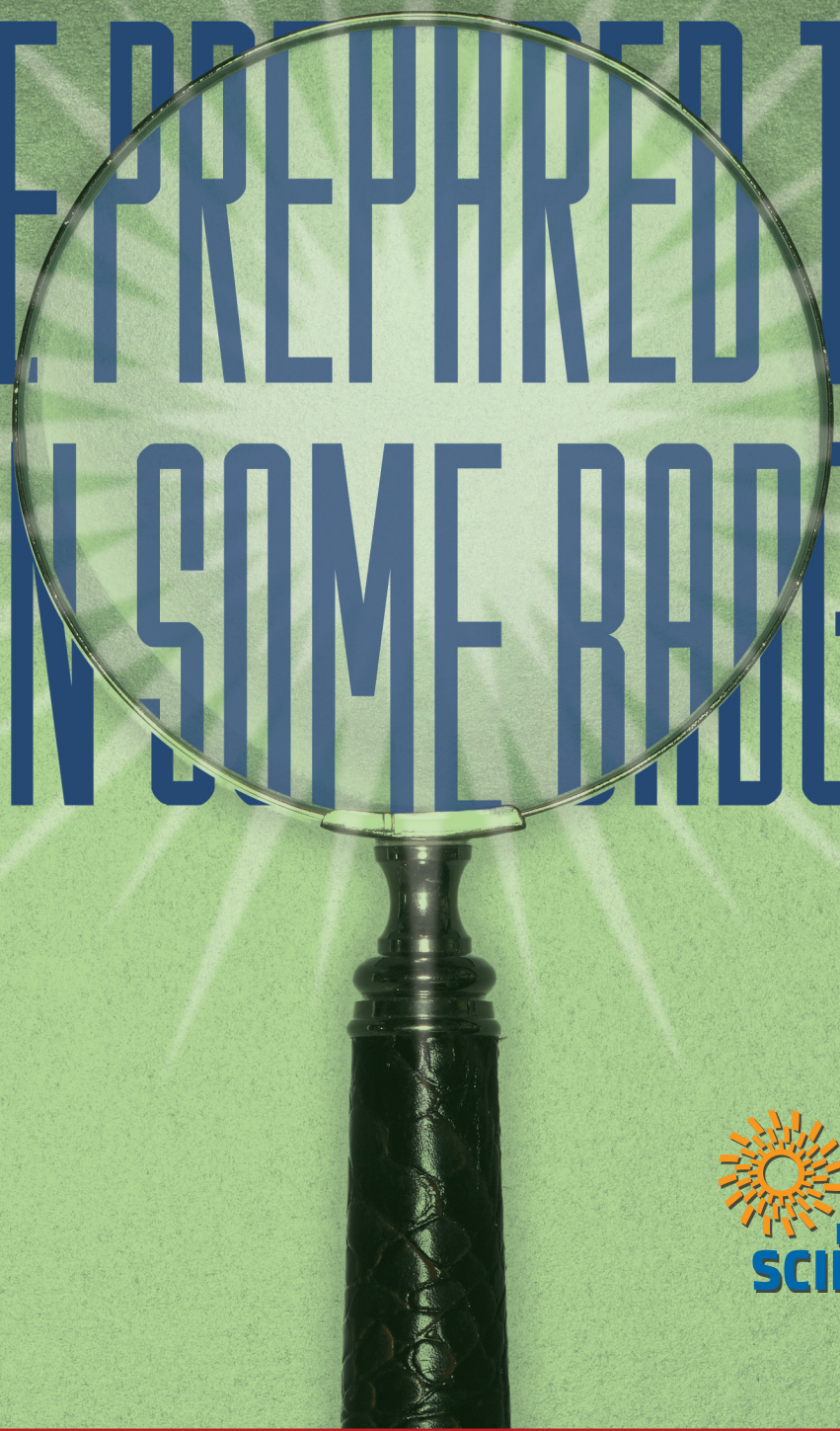


BE PREPARED TO  
EARN SOME BADGES.



SCOUT PROGRAMS AT THE  
LOUISVILLE SCIENCE CENTER

# SCOUT DAYS AT THE LOUISVILLE SCIENCE CENTER

Discover your inner scientist at the Louisville Science Center! Scout Day programs at the Louisville Science Center are designed to fulfill requirements for belt loops, academic pins and badges.

All Scout Days will be held on Saturday afternoons from 12:00 – 4:00 p.m. Dates are subject to change, advance registration is required and spaces are limited.

All Scout Day programs are \$14 per scout and \$5 per adult and include Science Center admission, program activities, take home materials (if applicable) and a participation patch.

## **Geology – October 15, 2011**

Fulfills requirements for the Geology Belt Loop and Pin & Geologist Badge.

## **Astronomy – January 14, 2012**

Fulfills requirements for the Astronomy Belt Loop and Pin.

## **Engineering & Math – February 18 or 25, 2012**

Fulfills requirements for the Mathematics Belt Loop and Pin & Engineering Badge.

## **Wildlife Conservation – March 3, 2012**

Fulfills requirements for the Wildlife Conservation Belt Loop & Pin.

## **Science – March 24, 2012**

Fulfills requirements for the Science Belt Loop and Pin & Scientist Badge.

## **Boy Scout Days**

## **Chemistry – February 11, 2012**

Fulfills requirements for the Chemistry Merit Badge.

## 2011 – 2012 OVERNIGHT ADVENTURES

**\*New for this year! Each overnight will complete requirements to fulfill a related belt loop/pin!\***

Cost: \$30 per scout, parent or chaperone and includes a science demonstration, program activities, after-hours exhibit exploration, a flashlight safari, an exclusive IMAX film, snack, breakfast and admission to all Louisville Science Center permanent exhibits. Length: 5:00 p.m. – 9:00 a.m., 2nd day permanent exhibit admission included.

### ***Uncharted Territory: October 21 and March 9***

Do you have what it takes to survive the perils of the uncharted West? Experience an adventure of your own as we journey through history and uncover secrets behind some amazing artifacts! To top it off, view a late-night showing of *Lewis and Clark: Great Journey West* in the IMAX Theatre. Fulfills the requirements for the Map and Compass belt loop/pin.

### ***Storm Chasers: November 11 and April 13***

Do you have the storm smarts to weather the night? Experience a phenomenon of your own as we journey through eye of the storm and beyond to explore the science behind tornadoes! Close the evening with a late-night showing of *Tornado Alley* in the IMAX Theatre. Fulfills the requirements for the Weather belt loop/pin.

*Join us on our open dates for any group with grades 1-8 and their parents or chaperones on:*

Uncharted Territory - February 10, April 27 | Storm Chasers - March 16, May 18

### ***Research!Louisville for Scouts***

October 13, 2011 | 5:30 – 8:00 p.m.

Celebrate the importance of medical research in our community at Research!Louisville for Scouts, sponsored by Norton Healthcare. Scouts will hear from local researchers and participate in hands-on activities at the Louisville Science Center. Program includes a speaker session, hands-on activities, and admission to Louisville Science Center permanent exhibits. Call 502-561-6100, ext. 6111 to register.

## DO SCIENCE

*If you're ever in need of a fire but have no matches, use a magnifying glass.  
(Safety first. Try this activity with an adult.)*

Fires need three main ingredients: fuel, heat and oxygen. Start with fuel, or a pile of dry kindling. You can use a magnifying glass to start a fire by focusing the light from the sun and turning light energy into heat energy. Position the glass so that the sun's rays pass through the lens, forming a small point of light on your fuel source (kindling). If enough heat is generated, a fire will eventually spark. To make sure your fire is getting enough oxygen, be sure to build up your kindling like a pyramid, with room for oxygen to flow underneath.