

# **Cub Scouts STEM Activities**

December 2025 through March 2026

16 December 2025



Lions & Tigers Adventure Loops Workshop at [SIUE](#)!

Presented by the [SIUE STEM Center](#)

Saturday, December 20, 2025 | [Southern Illinois University Edwardsville](#)

Science East Building, Room 1276 (40 Hairpin Dr, Edwardsville, IL 62026)

Free parking in Lot A

[Interactive Campus Map](#) | [SIUE STEM Center Website](#)

Get Ready for a Day of Discovery, Creativity & Cub Scout Fun!

Join us at the SIUE STEM Center for an exciting hands-on workshop where **Lions** and **Tigers** dive into science, technology, engineering, and math — all while completing Adventure Loops and exploring a real college campus!

Scouts will complete two Adventures per session, using the university's labs and resources to bring their projects to life. Expect interactive experiments, creative builds, and a ton of "aha!" moments guided by the SIUE STEM education team.

Choose the morning session, afternoon session, or go all-in for the full day of STEM-powered fun!

**Morning Session** | 9:30 AM – 12:00 PM

**Two Adventures per Rank:**

**Lions:** Count on Me & Gizmos and Gadgets

**Tigers:** Floats & Boats & Designed by Tiger

**Afternoon Session** | 1:00 PM – 3:30 PM

**Two Adventures per Rank:**

**Lions:** Build It Up, Knock It Down & Everyday Tech

**Tigers:** Sky Is the Limit & Tech All Around

## **What to Expect**

Scouts will:

Complete Adventure Loop requirements (plus some fun STEM extras!)

Explore real STEM equipment and experiments

Enjoy creative challenges that make learning come alive

Take home their Loop cards and celebrate their achievements

## **Cost**

**\$8.50 per youth participant, per session\***

*\*25 students maximum per session, 5 minimum*

## **Bonus!**

- Sign up for both sessions and your Scout gets lunch free!
- Parents staying all day are encouraged to join the fun! — Lunch admission is available for \$10.00

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That means if your Cub attends **both** morning and afternoon sessions, they'll enjoy a [full day of activities AND lunch for under \\$20!!](#)

(Register before the deadline!)

### **About the SIUE STEM Center**

The [Southern Illinois University Edwardsville](#) STEM Center is dedicated to inspiring curiosity and innovation through science, technology, engineering, and math. They bring together researchers and educators to create hands-on learning experiences that spark discovery from PreK through college.

Your Cub Scout will not only complete adventure requirements — they'll get a true college campus experience, exploring the same spaces where university students and scientists innovate every day!

### **Sample Session Schedule**

Welcome & Warm-Up Activity

Floats & Boats (Tigers) / Count on Me (Lions)

Break (10 min)

Boat Building from Recycled Materials

Designed by Tiger (Tigers) / Gizmos & Gadgets (Lions)

### **Come for the fun, stay for the science!**

Spots fill quickly — grab your Cub Scout's place today and get ready for a STEM-tastic adventure at SIUE!

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### **What is STEM University?**

STEM University is a full day event for Cub Scouts (Wolf, Bear, Webelos, & AOL) and Scouts BSA, focused on earning STEM-based advancements and NOVA awards.

Scouts will get to visit a University, work with STEM experts, and participate in fun, hands-on educational activities. See below for locations and dates.

### **Upcoming Events - *registration links coming soon!***

STEM U SEMO - January 10, 2026

Scouts BSA: [Register Here](#)

Cub Scouts: [Register Here](#)

STEM U SIUE - January 31, 2026

STEM U SIUC - February 28, 2026

STEM College - Lake Land College - March 28, 2026

*Registration coming soon!*