Scout Experiences
FOR BOYS AND GIRLS

GRADES 1&UP

LEADERS OF TOMORROW.
WELCOME TO COSMOSPHERE EDUCATION!

What began as the dream of a young girl named Patty Carey who was in love with the stars, has grown into a world-renowned museum and international center for Science Education.

Patty’s passion for educating and inspiring is alive and well at the Cosmosphere through a variety of fun and educational programs. Our programs cover a range of STEM subjects like space exploration, flight, robotics, astronomy, space agriculture, and more. All programs are designed to teach and inspire!

Many young people who take advantage of educational opportunities at the Cosmosphere become adults doing great things in STEM-related fields. I’ve seen this first-hand and it’s one of my greatest joys of working at the Cosmosphere!

But the opportunities aren’t just for kids. If you’re an adult and you’d like to program robots or fly a simulated space mission as part of a camp or corporate team building, we have programs for you too.

We are constantly creating new educational opportunities, whether school curriculum, a new outreach program or camp. We are always seeking to improve. I think you will find a program that meets your needs. But if not, let us know, and we can customize an experience just for your group.

I hope you will join us — we are looking forward to working with you!

– Brad Nuest
Director of Education
Cosmosphere International SciEd Center and Space Museum
THE COSMOSPHERE
In 1962, Cosmosphere founder Patty Carey set up a used Planetarium Projector and rented folding chairs in the Poultry Building of the Kansas State Fairgrounds and created one of the first public planetariums in the Central United States. Four years later, the planetarium was offered a new home on the campus of Hutchinson Community College and a new, enlarged science center was constructed.

Encouraged by the planetarium’s popularity, Patty and the board of directors began an expansion campaign to develop a space and science center worthy of international recognition. When it opened in 1980, the 35,000-square-foot facility included the planetarium, a three-level exhibit gallery, new classrooms for expanded school programs and one of the first-ever IMAX® Dome Theaters.

Since 1997, as educational programs and an international reputation have continued to grow, the Cosmosphere has become a leader in applied science learning experiences and curriculum development. According to General John “Jack” Daly, director of the National Air and Space Museum, no place in the world tells the chronological history of the space race better than the Cosmosphere.

OUR MISSION STATEMENT
Inspiring innovation through science education and honoring the history of space education.
“The most important object in Boy Scout training is to educate, not instruct.”

– Sir Robert Baden-Powell
Founder of the Scouting Movement

Cub Scouts and Boy Scouts

Scouting and the Cosmosphere go hand in hand as scouting teaches the kind of skills and values desirable in STEM fields. Scouts learn all about space history at the Cosmosphere while earning STEM-related badges. Our Webelos Overnight is one of our most popular programs. Scouts earn badges and even get to train on simulators based on those used in real astronaut training.

Boy Scouts have the opportunity to earn six different merit badges, either earning one during a day program, or two during our very popular overnight programs. For those really ambitious scouts, we offer a weekend program where Scouts can earn three badges!
WEBELOS OVERNIGHT

- Pricing: $75 scouts/$35 adults
- 12:30 pm Sat – 11:00 am Sun
- Earn the Adventures in Science Badge and the Out Of This World Nova Award

Spend a night at the Cosmosphere. Train on simulators used in Cosmosphere Camps. Construct and launch air rockets. Perform hands-on experiments. Understand how rockets work through demonstrations in Dr. Goddard’s Lab, then see rocket science come to life with a guided tour through the most comprehensive collection of U.S. and Russian space artifacts in the world.
SPEND A SATURDAY AT THE COSMOSPHERE AND EARN A MERIT BADGE!

SPACE EXPLORATION
- Pricing: $50 scouts/$25 adults
- 7:30 am – 4:30 pm
- Earn the Space Exploration Badge
Learn about the exciting field of space exploration. Design a space habitat and build and launch model rockets.

ENGINEERING
- Pricing: $50 scouts / $25 adults
- 7:30 am – 4:30 pm
- Earn the Engineering Badge
Find out what it’s like to be an engineer. Take apart hair dryers and make your own electric motor.

ROBOTICS
- Pricing: $50 scouts/$25 adults
- 7:30 am – 4:30 pm
- Earn the Robotics Badge
Explore the hi-tech world of robotics. Construct and operate robots. Design sensor platforms and program a robot to complete a task.

ASTRONOMY
- Pricing: $50 scouts/$25 adults
- 1:30 pm – 10:00 pm
- Earn the Astronomy Badge
Learn about the dynamic field of astronomy. Learn to identify constellations, about our solar system, and the impact the Sun has on our planet. View stars and planets through state-of-the-art telescopes.

*Each Merit Badge Saturday Programs include: one meal; a guided tour of the Hall of Space Museum; a documentary in the Carey Digital Dome Theater; and either a show in the Justice Planetarium or Dr. Goddard’s Lab.
BOY SCOUT OVERNIGHT PROGRAMS

EARN TWO MERIT BADGES!

ASTRONOMY + NUCLEAR SCIENCE OVERNIGHT
- Pricing: $75 scouts/$35 adults
- 12:30 pm Sat – 11:00 am Sun
- Earn the Astronomy and Nuclear Science Badges
Perform hands-on nuclear science experiments. Learn about constellations in the Justice Planetarium and view stars and planets through state-of-the-art telescopes.

ENGINEERING + ROBOTICS OVERNIGHT
- Pricing: $75 scouts/$35 adults
- 12:30 pm Sat – 11:00 am Sun
- Earn the Engineering and Robotics Badges
Dismantle hair dryers. Build an electric motor. Design your own camping invention and program robots to complete a specific task.

SPACE EX + AVIATION OVERNIGHT
- Pricing: $75 scouts/$35 adults
- 12:30 pm Sat – 11:00 am Sun
- Earn the Space Ex and Aviation Badges
Build and launch model rockets. Build and fly gliders. Learn about piloting an airplane!

YOUR BEST VALUE!
ULTIMATE COMBO OVERNIGHT
- Pricing: $95 scouts/$40 adults
- 8:00 am Sat – 12:00 pm Sun
- Earn the Astronomy, Space Ex and Engineering Badges
Experience a guided tour of the Hall of Space Museum and see shows in all three theaters. Build and fly model rockets. Stargaze through telescopes. Build motors and more! Includes three meals and an overnight stay.

*Each overnight includes an overnight stay, dinner and breakfast, a guided tour of the Hall of Space Museum, a show in the Carey Digital Dome Theater, and either a show in the Justice Planetarium or Dr. Goddard’s Lab.
MERITS OF SPACE

• Pricing: $549
• Five-day overnight camp
• Earn Five Merit Badges: Space Exploration, Engineering, Robotics, Aviation and Astronomy

Train to live and work in space using a stress simulator, centrifuge and multi-axis trainer. Build and launch a model rocket. See the night sky like you’ve never seen it before with our state-of-the-art telescopes and video astronomy equipment and work with a team to fly a mission in the Falcon III spacecraft simulator.

MERIT BADGE COMBOS* FOR SCOUTS ENTERING GRADES 6-9

BOY SCOUT OVERNIGHT PROGRAMS

EARN FIVE MERIT BADGES!
Scouting rises within you
and inspires you to put forth
your best.

– Juliette Gordon Low
Founder of Girl Scouts of the USA

Girl Scouts and American Heritage Girls

There is no better place than the Cosmosphere for girls to get excited about STEM education. Through a variety of overnight programs, girls learn about space history and science while challenging themselves with hands-on activities. Brownies and Juniors can earn Girl Scout badges, while Cadettes and older girls earn Cosmosphere badges by attending one of three exciting overnights.

For Tenderhearts through Patriots, the Cosmosphere is proud to offer American Heritage Girls the opportunity to complete space-related badges. AHG overnights are jam-packed with hands-on education in the best space-themed environment one could ask for!
BROWNIE OVERNIGHT
• Pricing: $35 scouts/$20 adults
• 5:00 pm Sat – 10:30 am Sun
• Earn the New Space Science Adventurer Badge
Spend a night at the Cosmosphere. Learn about the Moon and planets and make a solar system bracelet. Embrace the sweet side of science as you make liquid nitrogen ice cream. Experience a show in the Justice Planetarium.

GIRLS’ NIGHT OUT
• Pricing: $75 scouts (for Juniors)/$35 adults
• 12:30 pm Sat – 10:30 am Sun
• Earn the New Space Science Investigator Badge
Spend a night at the Cosmosphere. Train on simulators used in Cosmosphere Camps. Make your own star finder. Construct and fly paper rockets and experience a show in the Justice Planetarium.
SPACE EX + AVIATION OVERNIGHT
• Pricing: $75 scouts (for Cadettes and up)/$35 adults
• 12:30 pm Sat – 10:30 am Sun
• Earn the Space Ex, Aviation and Girls’ Night Out Fun Patches
Build and launch model rockets. Learn about piloting an airplane. Build and fly gliders and experience a documentary in the unique Carey Digital Dome Theater. Understand how rockets work through demonstrations in Dr. Goddard’s Lab, then see rocket science come to life through a guided tour with the most comprehensive collection of U.S. and Russian space artifacts in the world. Saturday dinner and Sunday breakfast provided.

ENGINEERING + ROBOTICS OVERNIGHT
• Pricing: $75 scouts (for Cadettes and up)/ 35 adults
• 12:30 pm Sat – 10:30 am Sun
• Earn the Engineering, Robotics and Girls’ Night Out Fun Patches
Dismantle hair dryers. Build an electric motor and program robots to complete a specific task. Experience a documentary in the unique Carey Digital Dome Theater. Understand how rockets work through demonstrations in Dr. Goddard’s Lab, then see rocket science come to life through a guided tour with the most comprehensive collection of U.S. and Russian space artifacts in the world. Saturday dinner and Sunday breakfast provided.

ASTRONOMY + NUCLEAR SCIENCE OVERNIGHT
• Pricing: $75 scouts (for Cadettes and up)/$35 adults
• 12:30 pm Sat – 10:30 am Sun
• Earn the Astronomy, Nuclear Science and Girls’ Night Out Fun Patches
Perform hands-on nuclear science experiments. Learn about stars and then view stars and planets as you never have before using our state-of-the-art telescopes. This program includes a guided tour of the Hall of Space Museum, a customized, live Planetarium show, and a documentary in the Carey Digital Dome Theater. Saturday dinner and Sunday breakfast provided.

*Each overnight includes an overnight stay, dinner and breakfast, a guided tour of the Hall of Space Museum, a show in the Carey Digital Dome Theater, and either a show in the Justice Planetarium or Dr. Goddard’s Lab.
GIRLS’ NIGHT OUT  
(TENDERHEARTS, EXPLORERS, PIONEERS, PATRIOTS) 
• Pricing: $75 scouts / $35 adults  
• 12:30 pm Saturday – 10:30 am Sunday  
• Earn the Space Ex, Living and Working in Space, and Girls’ Night Out Badges

Spend a night at the Cosmosphere. Learn what it’s like to live in space. Experience the night sky though GPS guided, computer controlled video astronomy equipment and see more of the universe as you enjoy a customized, live show in the Justice Planetarium.
1. **REGISTRATION**
   To register for a Scout program, contact the Education Coordinator at 800-397-0330 ext 323 or laurieg@cosmo.org

2. **DAY PROGRAMS**
   If you are attending a day program and need suggestions for a place to stay overnight contact our Education Coordinator.

3. **OVERNIGHT PROGRAMS**
   For our overnight programs, Scouts and parents stay in the Cosmosphere, sleeping in one of our large rooms. Attendees need to provide their own bedding with a cushion (air mattress, cot, etc.) on which to sleep. We do not have shower facilities. If Scouts need an overnight place to stay outside the Cosmosphere (for instance if attending a day program) we can provide a list of free or low-cost options.

4. **PAYMENT**
   Payment must be made in one payment. To be tax exempt, you are required to bring a tax exempt form.

5. **ARRIVAL**
   Plan to arrive on time as the program will begin on time. Those arriving late will join the program in progress.

6. **MEALS**
   Meals are provided for any program that happens over the meal hour as part of the admission price. Day programs provide lunch. Overnight programs provide dinner and breakfast.

7. **BADGES EARNED**
   Cosmosphere programs are set up so that Scouts complete the badge for which they are working. We do not require prerequisites. The only exception is if an outdoor requirement can’t be met due to inclement weather.

*Prices are subject to change.*

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**GENERAL INFORMATION**

**DISCOVER MORE AT:**

[cosmo.org/scouts](http://cosmo.org/scouts)

**Education Coordinator**
camps@cosmo.org
620.665.9323

**General Cosmosphere Information**
info@cosmo.org
620.662.2305

**Director of Education**
bradn@cosmo.org
620.665.9360