

SPACE CAMP • AVIATION CHALLENGE • SPACE CAMP ROBOTICS • U.S. CYBER CAMP

SPACE CAMP®

Huntsville, AL, USA

2019 GROUP GUIDE
& FIELD TRIPS

spacecamp.com



#1 "Seriously Cool Summer Camp"
The New York Times – May 2018

MARS

GENERATION CANDIDATES

TRAINEES WANTED



2019 GUIDE CONTENTS



Smithsonian
Institution



The U.S. Space & Rocket Center is the Official Visitor Center for NASA's George C. Marshall Space Flight Center and is a Smithsonian Affiliate museum.

The U.S. Space & Rocket Center is operated by a commission appointed by the Governor of the State of Alabama, the Alabama Space Science Exhibit Commission. The U.S. Space & Rocket Center Education Foundation is an IRS 501 (c) (3) organization.

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*For information on weeklong camps for individuals
go to www.spacecamp.com.*



WELCOME, MARS GENERATION



From the CEO

Space Camp® is leading the way in training the next generation of explorers from all over the world. As a feature program at the epicenter where space exploration began with Dr. Wernher von Braun's team – Huntsville, Alabama – Space Camp is entering its 37th year as a premiere STEM program for young people. Today, more than 800,000 of our graduates are engaged in STEM careers or are paving the way for their future.

Space Camp curriculum includes missions from both NASA and private-sector space companies. It offers a comprehensive, powerful and authentic introduction to the real-life exploration of the cosmos. Our training is authentic, thought-provoking and challenging, as it is based on the principles and activities of actual astronaut training. But it is achievable because each team uses their strengths to overcome “anomalies,” obstacles and self-doubt. Amidst the backdrop of the largest collection of space hardware on the planet, like the National Historic Landmark Saturn V rocket and the world's only full-stack space shuttle display, students are surrounded by the tangible impact and intellectual power of the people who made this possible.

We are incredibly proud to be inspiring young minds to reach farther toward their dreams every day at Space Camp.
Join us on the journey!

Warmest regards,

Dr. Deborah Barnhart

Chief Executive Officer & Executive Director



Suit up and get ready for launch! Students train in a program, launch on a simulated

TRAIN LIKE AN

Three age groups to maximize fun and



**All meals
and lodging
are included.**

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

www.spacecamp.com

1-800-637-7223 or 256-837-3400

Find all terms and conditions at spacecamp.com

Bring your whole

Space Camp

Ages 9-11 • Grades 4-6

FALL/SPRING..... \$807 per student
15% off our regular price!

WINTER..... \$760 per student
20% off our regular price!

SUMMER..... \$902 per student
5% off our regular price!



SPACE EXPLORATION
BADGE AVAILABLE

using equipment adapted from NASA's astronaut space mission and learn to dream BIG!

ASTRONAUT

learning with age-appropriate activities



group! Buy 15 camps, get one free.

Space Academy

Ages 12-14 • Grades 7-9

- FALL/SPRING.....\$807 per student
15% off our regular price!
- WINTER.....\$760 per student
20% off our regular price!
- SUMMER.....\$902 per student
5% off our regular price!

Advanced Space Academy

Ages 15-18 • Grades 10-12

- FALL/SPRING.....\$977 per student
15% off our regular price!
- WINTER.....\$920 per student
20% off our regular price!
- SUMMER.....\$1092 per student
5% off our regular price!



STAR GAZER
OUT-OF-THIS-WORLD
BADGES AVAILABLE



College Credit
Advanced Space Academy trainees can earn college credit through The University of Alabama in Huntsville.
See spacecamp.com for full eligibility requirements.

Students test their skills in a fast-paced, military-inspired program that uses simulated, realistic combat scenarios combined with survival training.

FLY LIKE A PILOT!

Learn critical thinking, teamwork and leadership



6 DAY All meals and lodging are included.

All prices include meals and lodging on our campus. Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

www.spacecamp.com
1-800-637-7223 or 256-837-3400

Find all terms and conditions at spacecamp.com

Buy 15 camps, get one free!

Mach I

Ages 9-11 • Grades 4-6

FALL/
SPRING..... \$807 per student
15% off our regular price!

WINTER.... \$760 per student
20% off our regular price!

SUMMER.. \$902 per student
5% off our regular price!

Mach II

Ages 12-14 • Grades 7-9

FALL/
SPRING..... \$807 per student
15% off our regular price!

WINTER.... \$760 per student
20% off our regular price!

SUMMER.. \$902 per student
5% off our regular price!

Mach III

Ages 15-18 • Grades 10-12

FALL/
SPRING..... \$807 per student
15% off our regular price!

WINTER.... \$760 per student
20% off our regular price!

SUMMER.. \$902 per student
5% off our regular price!



PARTIAL AVIATION
MERIT BADGE


THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

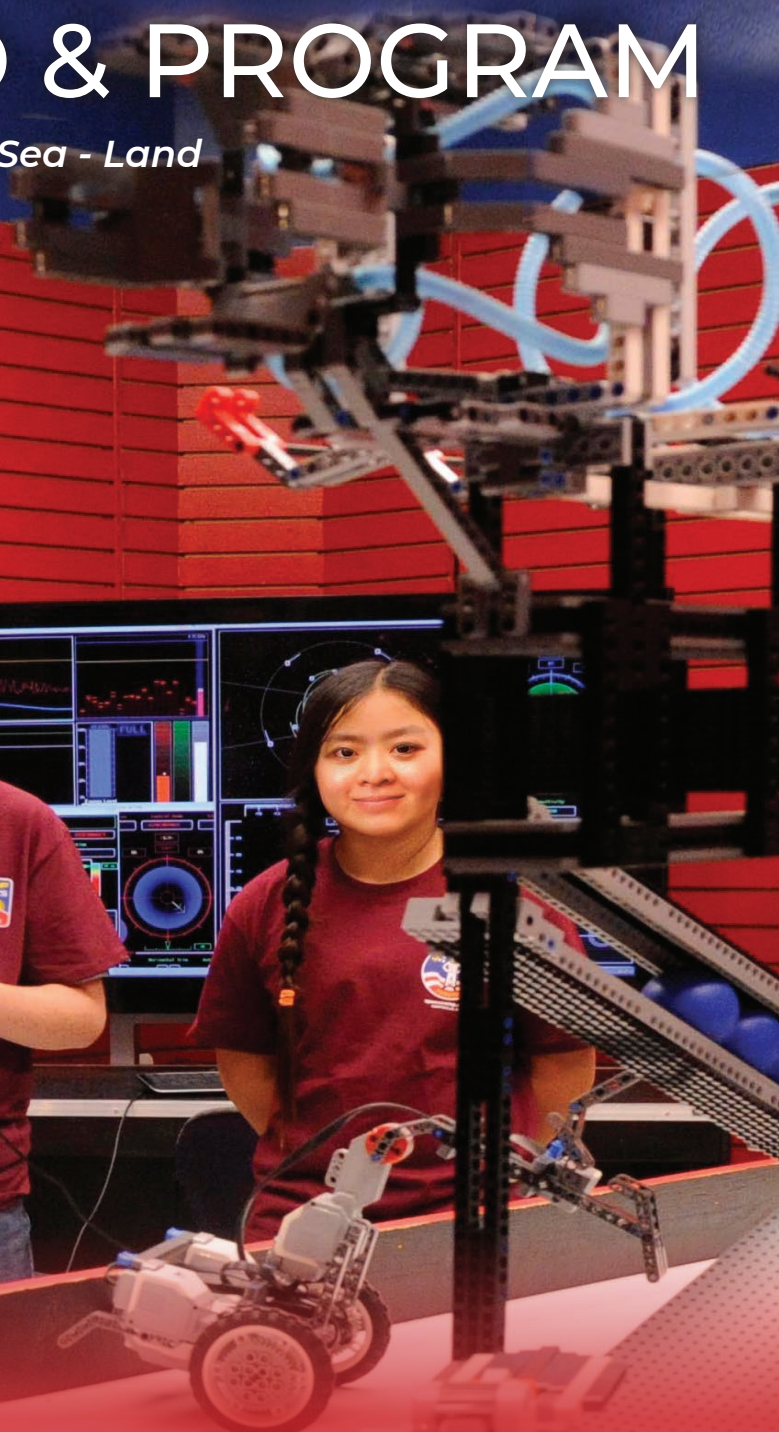
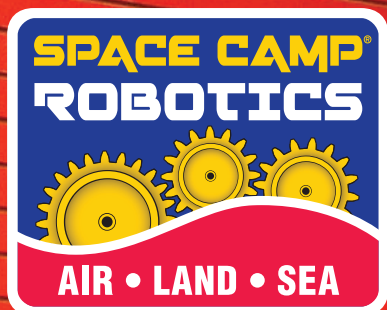
College Credit

Aviation Challenge Mach III trainees can earn college credit through The University of Alabama in Huntsville.

Ideas become reality using robotic technologies to engineer solutions for real-world problems and test them in a spirited competition.

DESIGN, BUILD & PROGRAM

Robots on Air - Sea - Land



**All meals
and lodging
are included.**

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

www.spacecamp.com

1-800-637-7223 or 256-837-3400

Find all terms and conditions at spacecamp.com

Buy 15 camps, get one free!

Robotics Camp

Ages 9-11 • Grades 4-6

FALL/
SPRING..... \$807 per student
15% off our regular price!

WINTER.... \$760 per student
20% off our regular price!

SUMMER.. \$902 per student
5% off our regular price!

Robotics Academy

Ages 12-14 • Grades 7-9

FALL/
SPRING..... \$807 per student
15% off our regular price!

WINTER.... \$760 per student
20% off our regular price!

SUMMER.. \$902 per student
5% off our regular price!



**ROBOTICS BADGE
AVAILABLE**

Trainees learn the ethics and responsibilities of personal data security for safeguarding professional networks and the challenge of an expanding internet of things.

CYBER SECURITY

Build computers and networking systems



6
DAY
*All meals
and lodging
are included.*

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

www.spacecamp.com
1-800-637-7223 or 256-837-3400

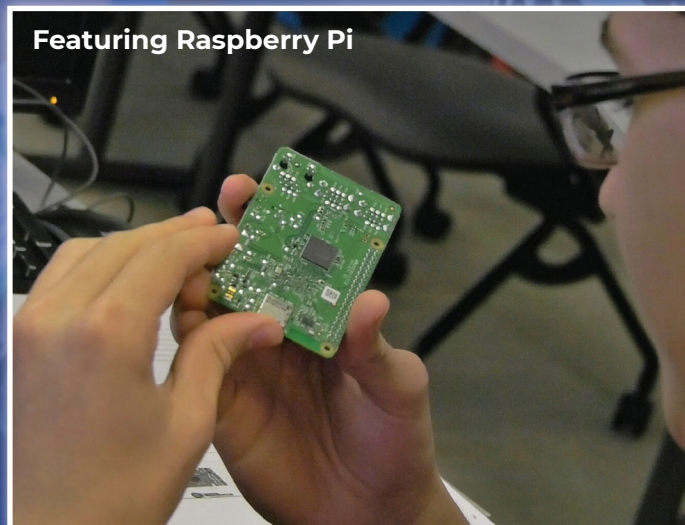
U.S. Cyber Camp

Ages 15-18 • Grades 10-12

Check spacecamp.com for availability.

Due to program activities involving access to Redstone Arsenal, a U.S. federal and military installation, participants must be U.S. citizens.

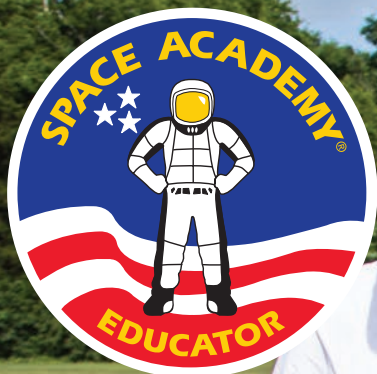
Featuring Raspberry Pi



Educators spend five days networking with fellow teachers and participating in NASA-infused, hands-on activities.

EXCITING EDUCATOR DEVELOPMENT

Lesson plans that apply in your classroom



UA
THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

Education Credit
Participants can receive
up to 45 hours of
continuing education credit.



**All meals, lodging
and a free flight
suit are included.**

The price includes meals and lodging on the nearby campus of the University of Alabama in Huntsville (UAH). Daily transportation to and from the UAH dormitory to the U.S. Space & Rocket Center is provided.

www.spacecamp.com
1-800-637-7223 or 256-837-3400

Educators

JUNE/
JULY \$899 per person



Through the Sally Ride EarthKAM @ Space Camp program, students and educators from around the globe take part in a NASA-funded Earth observation experiment and request images of Earth directly from a camera aboard the International Space Station.

Pathfinder is a three-day sleepaway program for groups that offers an unparalleled experience in informal education.

PATHFINDER

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards



Buy 15 camps, get one free!
Choose your mission

**3
DAY**

**All meals
and lodging
are included.**

Off-site lodging is available
for an additional cost.

www.spacecamp.com
1-800-637-7223 or 256-837-3400

*Minimum of 16 participants required for
this program.*

Space

Grades 4-8

Nov. 12, 2018-Jan. 13, 2019
\$239 per person

Sept. 3, 2018-Nov. 11, 2018
Jan. 14 -Feb. 17, 2019
Aug. 26 -Nov. 10, 2019
\$259 per person

Feb. 18 -Aug. 25, 2019
\$299 per person

Aviation

Grades 4-8

Nov. 12, 2018-Jan. 13, 2019
\$239 per person

Sept. 3, 2018-Nov. 11, 2018
Jan. 14 -Feb. 17, 2019
Aug. 26 -Nov. 10, 2019
\$259 per person

Feb. 18 -Aug. 25, 2019
\$299 per person

Robotics

Grades 4-8

Nov. 12, 2018-Jan. 13, 2019
\$239 per person

Sept. 3, 2018-Nov. 11, 2018
Jan. 14 -Feb. 17, 2019
Aug. 26 -Nov. 10, 2019
\$259 per person

Feb. 18 -Aug. 25, 2019
\$299 per person

Surveyor is a two-day sleepaway adventure designed for larger groups of students, educators and chaperones.

SURVEYOR

Camp programs are offered year-round and are aligned to Next Generation Science Standards and National Education Mathematics Standards



Buy 25 camps, get one free!

**2
DAY**

**All meals
and lodging
are included.**

Off-site lodging is available for an additional cost.

www.spacecamp.com

1-800-637-7223 or 256-837-3400

Minimum of 16 participants required for this program.

Two-day Sleepaway

Grades 1-8

Sept. 3, 2018-Feb. 17, 2019

\$99 per student

Feb. 18-Sept. 1, 2019

\$129 per student



CUSTOM PROGRAMS

Develop teamwork, communication and leadership



All prices include meals and lodging on our campus. Off-site lodging is available for an additional cost. Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

www.spacecamp.com
1-800-637-7223 or 256-837-3400

Minimum of 16 participants required for this program.

Youth Leadership Retreat *(Three-day sleepaway)* *Grades 10-12*

This program is designed to develop teamwork, communication and leadership while helping high school students develop critical life skills valued in scholarship acquisition, college admission and ultimately in the global workforce.

\$299 per student

Vision Impaired

Space Camp for Interested Visually Impaired Students (SCIVIS) is a weeklong program making our flagship camp programs available to children who are blind and visually impaired. Adaptations include Braille, large print electronic speech and screen enlargement. Trained teachers provide an abundance of professional assistance. For more information, contact Dan Oates, Coordinator, dan@scivis.org; 304-851-5680 or visit www.scivis.org.



Deaf and Hard Of Hearing

Space Camp for the Deaf and Hard of Hearing is a weeklong program making our flagship camp programs available for children who are hearing impaired. Adaptations include closed captioning, certified ASL interpreters and other accommodations. For more information, contact Amy Newland, Coordinator, deafspacecamp@gmail.com or visit www.facebook.com/groups/deafspacecamp/.



BEHIND THE SCENES AT SPACE CAMP

More than 800,000 graduates from all 50 states and 150 countries



*Inspiring and
motivating
students and
adults since 1982*



Habitat 1



Compressed sleeping quarters to simulate life on the ISS



SLEEP ON SITE

Go for the immersive experience! Sleep on site in our Habitats. Lodging is included in Camp pricing.

Habitat 2



Bay-style sleeping quarters



Habitat 3



Space Camp Resident Advisors (RAs) are on-site 24/7.



EAT, SLEEP, BE HEALTHY

On-site dormitories, cafeteria and nursing staff

CREW GALLEY



Individual attention to special diets



Dine in the Crew Galley. Menus feature foods from countries that partner on the International Space Station, along with plenty of fruits, vegetables and American favorites. Meals are included in Camp pricing.

NURSES STATION



Nurses are staffed 24-hours-a-day if trainees in 6-day programs are present. Otherwise, nurses are staffed for museum hours (9 a.m. – 5 p.m.)



Elevate your understanding in
an Extravehicular Activity (EVA)



Students learn teamwork in
simulated space missions



Navigate a tumble in
the Multi-Axis Trainer

IMMERSIVE SPACE COMPLEX

*Experience astronaut training in our world-renowned Mission Center Complex.
Our simulators are patterned after those used by NASA.*

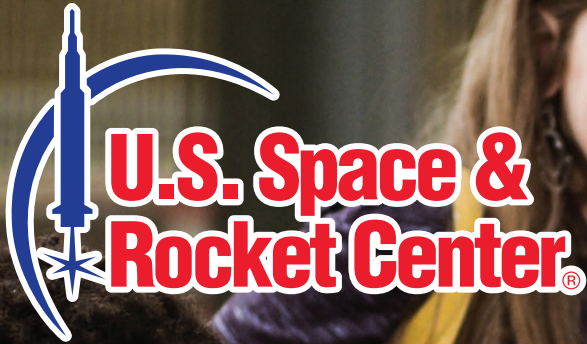
- Hands-on astronaut training simulations
- All meals and lodging included in Camp pricing
- Two-day, three-day and six-day sleepaway programs available



*Space Camp® is at the U.S. Space & Rocket Center®, Official Visitor Center
for NASA Marshall Space Flight Center in Huntsville, AL*

ULTIMATE FIELD TRIP

Inspire the next generation of explorers with a trip to the U.S. Space & Rocket Center



Ultimate Field Trip

(One-day adventure)

Give your students an out-of-this-world experience with the Ultimate Field Trip. This experience shows the dramatic history spanning from early spaceflight to the shuttle program and beyond! You can also add options to make your experience as unique as your students!

www.rocketcenter.com/groups

1-800-637-7223 or 256-837-3400

museumgroups@spacecamp.com

\$13+ per student

Customizable options:

- Themed Science Lab
(per 25 students)\$3 per person
- Movie \$7 per person
- Boxed Lunch..... \$5 per person
- Guide for 1-hour
(per 25 students) \$50
- Guide for 6-hours
(per 25 students) \$100

This experience is reserved for groups of 15 or more.

One complimentary chaperone admitted free per 15 students.

AVAILABLE FOR GROUPS

SCUBA Experience and Challenge Course take teamwork and leadership to the next level



SCUBA Experience

*Ages 14 and up**

Dive in our 24-foot-deep heated Neutral Buoyancy Simulator, also known as the Underwater Astronaut Trainer, to train for microgravity. This two-hour program is available for public groups in fall and winter, subject to availability and weather conditions.

\$50 per person

www.rocketcenter.com/groups
1-800-637-7223 or 256-837-3400

SCUBA Experience and Challenge Course are available most weekends, but due to limited capacity, reservations must be booked at least three weeks in advance.

SCUBA - Minimum of three participants, maximum of eight. Includes dive equipment and admission to the U.S. Space & Rocket Center. Full payment due at booking. Minimum of three participants required for reservation. Certain restrictions, including asthma, may prohibit diving; medical waiver is approved by dive instructor.

Challenge Course - Minimum of eight participants, maximum 10. 50% deposit per person. Full payment due at booking.

**Under 18 must be accompanied by parent.*

Challenge Course

*Ages 12 and up**

Build teamwork and communication skills on our high- and low-ropes courses that push leadership skills to the max! Ropes course equipment and procedures adhere to the Association of Challenge Course Technology Standards.

Low Ropes..... \$25 per person

High Ropes..... \$45 per person

Low/High Ropes.. \$65 per person



We are excited that you are interested in booking
on staff who take pleasure in answering

TOP 10 THINGS

Talk with a group coordinator by



Find more information on a range of topics including housing, dining, counselors, frequently asked questions, and safety and security procedures at spacecamp.com.


1. Space Camp changes lives. In a recent survey of alumni, 96 percent of graduates said their camp experience increased their interest in STEM topics.
2. Space Camp is at the U.S. Space & Rocket Center, the Official Visitor Center for NASA Marshall Space Flight Center in Huntsville, Alabama. This is the original and only Space Camp in the world. The program has licensed Space Camp programs in international locations and has graduated more than 800,000 trainees since the program began in 1982.
3. Space Camp trainees have come from all 50 states and 150 countries. During this premiere residential STEM camp experience, students will meet and interact with a diverse group of peers with like-minded interests. Each year, we host more than 2,500 students from countries such as Australia, China, United Kingdom, Costa Rica, UAE, Canada and India.



your group for one of our programs. We have group coordinators
your questions and helping with planning and registration.

YOU NEED TO KNOW!

calling 1-800-637-7223 or 256-837-3400

- 
- A group of students wearing blue flight suits with NASA patches are walking through a museum. In the background, there is a large blue structure, a white car on display, and a tall rocket model. The students are smiling and looking around.
4. Space Camp curriculum includes cutting-edge training and missions based on current initiatives of both NASA and private-sector space companies.
 5. Ten graduates of Space Camp have gone on to become astronauts, one of the most rigorous and difficult professional accomplishments.
 6. Space Camp offers programs for everyone, including customized options for students who are deaf or hard of hearing, or blind or visually impaired. It provides an inspiring opportunity for hands-on training in a unique setting outside the classroom for all students interested in science, technology, engineering and math. Students will meet astronauts and legendary historical figures in space exploration during their time at Camp.

7. Space Camp provides students with a platform for personal growth and development, including cultivating leadership skills, creative problem-solving skills, teamwork and self-confidence among both peers and adults.
8. Camp programs are all-inclusive, with on-site lodging in the dormitories, called Habitats, and meals in the dining hall, called the Space Camp Crew Galley.
9. Our immersive camp programs begin as early as 7 a.m. and keep students engaged until bedtime. Exercise and fitness are also promoted each day, often paired with a teambuilding activity.
10. Many of our group customers have been bringing students to Space Camp for more than 20 years!

MEET OUR ALUMNI



Dr. Serena Auñón-Chancellor, astronaut, attended Advanced Space Academy at age 16

Dr. Serena Auñón-Chancellor's Space Camp mission position as medical officer was prophetic. Twenty-five years after her trip to Space Camp, Serena launched in June 2018 on a Soyuz rocket as a member of Expedition 56/57 to the International Space Station. Space Camp was a 16th birthday gift for Serena, and she is now an astronaut with a bachelor's degree in electrical engineering from The George Washington University and she attended medical school at the University of Texas – Health Science Center at Houston. She is board certified in Internal and Aerospace Medicine and was a flight surgeon to both space shuttle and ISS astronauts before being selected for the 2009 Astronaut Class. Serena has searched for meteorites in Antarctica and operated the Deep Worker submersible on the NEEMO 16 mission. She also served aboard the Aquarius underwater laboratory during the NEEMO 20 undersea exploration mission.

"When the opportunity arose to come to Space Camp as an educator, I jumped at the chance. My most memorable moments at Camp were during our missions. As the commander for our Orion mission, I got to enjoy being a leader to other teachers from around the world.

Space Camp was a fantastic experience that doesn't stop at graduation. I take my knowledge and try to embed it in what I do in the classroom, to keep the experience alive. Ultimately, I gained a better understanding of the importance of global education. I feel incredibly fortunate for the opportunity, and I continue to incorporate these values in the classroom."



Spencer Kiper attended 2011 Honeywell Educators at Space Academy and was a Space Camp Educator Crew Trainer, 2014-2017. He was also named 2019 Louisiana State Teacher of the Year.



Alicia Carroll, attended Space Academy at age 14

"My former 8th grade teacher first encouraged me to try to apply to Space Camp by applying to the National Society of Black Engineers (NSBE) scholarship.

Space Camp's educational activities gave me the ability to see unknown possibilities in science, technology, engineering, art and math (S.T.E.A.M) through hands-on experiments, tools, simulations and projects led by great counselors and peers.

I am honored to say Space Camp greatly inspired me in the career I have 25 years later. Today, I am a part of NASA's human spaceflight programs."

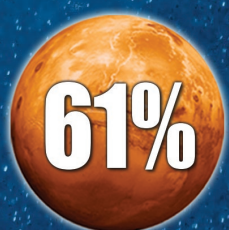
ALUMNI SURVEY



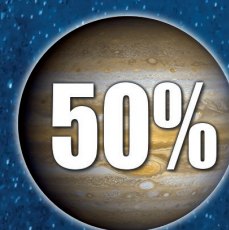
Percentage of Space Camp graduates who said their camp experience increased their interest in STEM topics



Percentage of Space Camp graduates whose camp experience influenced them to take more STEM classes



Percentage of Space Camp graduates who are currently in or studying for careers in aerospace, defense, energy, education, biotech or technology



Percentage of Space Camp graduates who said their camp experience inspired their decision to enter a STEM field

OFFICIAL SPACE GEAR®

YOUR ONE-STOP SHOP
FOR ALL THINGS SPACE

\$99

A. AUTHENTIC FLIGHT SUIT

Order the official flight suit for your Space Camp®, Space Academy® or Aviation Challenge® Camp adventure! These flight suits are representative of what real astronauts and jet fighter pilots wear and both come with official patches and your personalized leather name badge!

Flight suit

Youth sizes: 10-20, Adult sizes: S-XXL

\$135

B/C. CLOTHING SET

We've combined our most popular clothing into one complete package! Tops are customized with the logo from your camp program. Space Camp set includes t-shirt, shorts, hooded sweatshirt, sweatpants and a backpack. Aviation Challenge Camp set includes t-shirt, hooded sweatshirt, camouflage pants and a knapsack.

Space Camp

Youth size: L, Adult sizes: S-XXL

Aviation Challenge Camp

Youth size: L, Adult sizes: S-XXL

\$50

D. T-SHIRT SET

Pack light! Have t-shirts waiting for you at check-in. This package features four custom t-shirts packed in a drawstring cinch bag.

T-Shirts

Youth sizes: L, Adult sizes: S-XXL

\$15
each

E. CUSTOM TEAM PATCHES

(available after registration)

The team patch will be customized with the team members' names. Patches may be pre-ordered or ordered by the trainee at camp. Patches will be ready at graduation. Available only for weeklong camps.

*In the event a style shown is not available, a comparable item will be substituted.



CONTACT US

phone (800) 637-7223

All clothing ordered will be distributed at camp. When placing your order, please provide size. Upon arrival, all trainees are sized to ensure proper fit.



SpaceCampUSA

WELCOME TO THE ROCKET CITY!



SpaceCampUSA

1 Tranquility Base • Huntsville, AL • www.spacecamp.com

(800) 637-7223

Photo courtesy of Adam Harland
at Harland Aerial Photography