



**NEAR SPACE  
INVESTIGATION** <sup>®</sup>

@ Kennedy Space Center

Reach out to the edge of space!

4 day  
High Altitude  
Ballooning camp at  
Kennedy Space  
Center



# Deep dive into meteorology and telemetry with precision.

Work as a Payload integration expert, Flight computer specialist, Launch operations lead, Meteorologist, Safety Officer or a Flight Director

And launch and retrieve a High Altitude Balloon that travels through the atmosphere upto 100,000 feet and learn about the weather, and see the earth's curvature.



Near Space Investigation®

Shuttle Launch Experience, Gateway Exhibit, The Explorer Bus Tour, access to various KSCVC exhibits, Watch space IMAX movies, Shop at the biggest Space store

### **Develop a meteorology payload**

Develop and intergrate a payload destined for the stratosphere, enabling you to conduct experiments and collect data.

### **Collect invaluable atmospheric data**

Collect atmospheric data such as humidity, pressure, temperature, velocity, and altitude.

### **Explore electronics and sensors**

Explore a variety of sensors, and the intricate workings of the electronics on your flight computer.

### **Launch a Helium Balloon upto 100,000 feet**

Launch a Helium Balloon upto 100,000 feet into the atmosphere

### **Learn to analyse and present data**

Learn to analyse and present data from the experiments conducted throughout the balloon's flight.

### **Witness Earth's curvature**

Witness Earth's curvature and breathtaking images from the balloon's flight

# Your next **Space adventures** awaits!

Get ready for four-day cosmic odyssey that will propel you into the heart of Near Space!



## Curriculum Highlights:

Sensors and Telemetry

Payload Integration

Teamwork

Innovation

Data Collection

Critical Thinking

Systems Engineering

Data Analysis

Cost: \$535.00 per student  
4 Days  
(KSCVC tickets included)





## Program Schedule

### Day 1

- Check in at the KSCVC
- Space Trek Introduction
- Weather Balloon Introduction
- Role Description and Selection
- IMAX
- Lunch
- Introduction to Programming
- Experiment Research
- Astronaut Encounter
- Day Adjourned

### Day 2

- Check in at the KSCVC
- Introduction to Sensors and Electronics
- Develop experiments
- Lunch
- Finalize Weather Balloon System
- IMAX
- Debriefing
- Day Adjourned



**Near Space  
Investigation**



**Duration  
4 Days**



**Cost: \$505.00  
per student**

### Day 3

- Check in at the KSCVC
- KSC Tour
- Lunch
- Final Testing and Launch Preparation
- Practice Run of Launch
- Space shuttle Atlantis
- Shuttle Launch Experience
- Debriefing
- Day Adjourned

### Day 4

- Check in at the KSCVC
- Weather Balloon Launch
- Lunch
- Launch Analysis
- Present your findings
- Evaluations
- Graduation
- Program adjourned



**Space Trek designs unique Space education programs for students of different age groups. We use custom-designed hardware and curriculum to teach principles of rocketry, robotics, near space investigation and mankind's history of space exploration. Our cutting edge laboratory and fabrication facility is open for everyone. Space Trek instructors are highly experienced in conducting short-term STEM educational programs for students.**

**Please note that the schedule accommodates KSCVC activities, with adjustments based on group size and punctuality. While every effort is made to adhere to the schedule, activities may be altered or removed to ensure program timelines are maintained. Event times and availability are subject to change without notice.**



# Looking for more?

## Explore our advance programs

We also offer advance robotics and rocketry programs.

If you're hungry for more space exploration and hands-on learning, be sure to check out our extended programs!

**Secure your spot in this thrilling program at the Kennedy Space Center and let your journey into the cosmos begin!**

Inclusions (subject to availability)

Shuttle Launch Experience, IMAX Movie Shows, The Explorer Bus Tour, access to various KSCVC exhibits, Shop at the biggest Space store

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