



Official Visitors Center of NASA's Johnson Space Center

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Orbital Outreach Registration Form

Date of Program (1st Choice)

Date of program (2nd Choice)

Organizations Name

Coordinating person

Mailing Address

City

State

Zip

Phone Number

Email

Session Time(s)\*: 1. 2.

Number of Students

Grade Level or age level

Program Option: (please select) .

Select your presentation

Added Hands On Activities/ \$25 per session (small assembly only)

Suiting Up Presentation

Balloon Astronaut

Living in Space Presentation

Astronaut Food Tasting Party

We Have Lift Off Presentation

Air Pressure Rocket Building and Launching

Stage shows

Portable Planetarium

Lost in the Solar System (K-2)

Starlab (Movie) Astronaut or Stars

Planet Hunter (K -Adult)

Starlab (Space and Time traveler )

Ultimate Science lab (K -Adult)

Combustion Works (K -Adult)

Special request: (do you have a different program you would like to see)

Pricing:

- Small Assembly 1-30 students (1-2 45 MIN Programs) \$295
Large Assembly 31-250 students( 1 45-50 min program) \$350
Starlab up to (3 Hours of Presentations) \$325
Added hands on activity \$25 per session.

Mileage fee

- \$25.00 20-30 miles
\$35.00 31-45 miles
\$40.00 46-60 miles
Mileage over 60 calculate at .56 per mile
miles x .56 =

Mileage Fee: Mileage fee applies to all destinations over 20 miles from Space Center Houston

Session Charge(s): \$ Hands on activity \$

Mileage Fee \$

Sending Payment

TOTAL AMOUNT DUE: \$

Pay Upon Arrival

Payment types:

- We accept Money Orders, and Credit Cards, School /Organizations checks (No personal checks accepted)
Please make all checks payable to "Space Center Houston"
Once we have received your registration you will be notified if your requested date is available and a confirmation will be sent to you.

# Orbital Outreach

Do your students need a little space? Need an alternative to a class field trip or help with a science night? We have just the solution for you. Space Center Houston will bring Out-Of-This-World interactive presentations to you. We will take your students on a journey into the wonders of space without ever leaving your location. We have two great options for you.

We bring our stellar presentations to you. Our staff will conduct programs for small groups of up to 30 students or larger groups up to 250. Presentation range from 30- 50 minutes in length.

- Aligned with TEKS and National Science Standards
- Something for every age group
- Classroom and large group presentations available
- Starlab Inflatable Planetarium

## **Stellar Presentations (45-50 MIN)**

- Suiting Up for space – ages 4-11
- Living In Space: Life on the Space Station- ages 4-14
- We Have lift off off ages 4-18
- Ultimate Science Lab- 4-18

## **Stage shows (30-45 min)**

- Lost in the Solar System- ages 3-9 (Puppet show)
- Planet Hunter- ages 5-17

## **Pricing:**

**Small assembly:** Max 30 students \$295 (up to two presentations)

Want to add a little extra **WOW**, add a hands-on activity to your presentation. \$25 (small assembly only)

**Large assembly:** 31-250 students \$350

**Starlab Inflatable Planetarium Pricing:** \$325 for up to 3 hours of presentations

Stars (Movie) 26 min

Astronaut (Movie) 23 min

Space & Time Traveler (Live demonstration) 25-45 min

Planning a science night, special science week, or don't see a topic you are looking for we can design a presentation to fit your theme and needs.

Space Center Houston will travel to schools within a 60 mile radius. Schools over 60 miles may require additional mileage and lodging fees.

## **STELLAR PRESENTATIONS**

Space Center Houston instructors will take your students on a journey into the wonders of space with our Out-Of-This-World interactive presentations. These presentations can be done for small groups up to 30 students or larger groups up to 250. Each presentation last 45- 50 minutes.

*For classrooms of no more than 30 students, hands on activities can be added for \$25 per session.*

### **Suiting Up- Ages 4-11 (45 minutes)**



Have you ever wondered how astronauts get dressed for a space walk or why they need a special suit? Students will explore “pressure” and how the harsh environment of space affects the human body.

*Add on hands-on activity: Balloon Astronaut (\$25)*

Students will design a protective spacesuit to protect their balloon astronaut from harmful micrometeorites.

### **Living in Space – Ages 4-15 (45 minutes)**



Imagine your house in space. How would life be different than here on Earth? From wake-up to bedtime, discover what astronauts do onboard the International Space Station to overcome the everyday “hassles” of life.

*Add-on activity: Astronaut food tasting party (\$25)*

*Your students will get to make and sample their own Astronaut meal. They will take home a food sample they make.*

### **We Have Lift-Off- Ages 8-15 (45 minutes)**



Rockets! Rockets! Everywhere! Explore the history of rockets starting with the Mercury Program and ending with NASA's latest endeavors. Find out how rockets work and what it takes to get them into space. Learn how a rocket engine works with our combustion demonstrations.

*Add-on activity: Air pressure rocket building and launching*

*Students will explore the laws of physics while they build and launch their own rocket using air pressure.*

### **Planet Hunter – Ages 5-99 (45 minutes)\***



Join our intrepid Planet Hunter on an exciting and entertaining search for planets outside of our own solar system! Learn how many we've already found, how we find them and what the future may hold for alien life. Show includes basic astronomy, audience participation, and live performance with multimedia. *Q & A session will follow the show.*

*\* Only available as assembly*

### **STARLAB**



Space Center Houston's Starlab a state of the art portable planetarium is an exciting and dynamic tool for learning about astronomy and space exploration. Students will be immersed in a digital recreation of the sky, to study concepts like celestial motions, or even travel through our solar system and beyond! The Starlab can accommodate 20-30 people depending on age groups.

**Currently, Space Center Houston is offering 3 different shows for Starlab:**

#### **STARS (Movie) (26 minutes)**



Every star has a story. Some are as old as time, faint and almost forgotten. Others burn bright and end their lives in powerful explosions. Journey to the furthest reaches of our galaxy and experience both the awesome beauty and destructive power of STARS.

This dramatic program features the voice talent of Mark Hamill.

#### **ASTRONAUT (Movie) (23 minutes) (Recommended ages 5+)**



What does it take to become an astronaut? Experience a rocket launch from inside the body of an astronaut.

Explore the amazing worlds of inner and outer space, from floating around the International Space Station to maneuvering through microscopic regions of the human body.

Narrated by: Ewan McGregor

#### **SPACE & TIME TRAVELER**



Join our live presenter in the Starlab and take a guided tour of the night sky, the solar system, the galaxy and deep into the observable universe. This unique show is a live and interactive trip through a real-time computer-animated model of the universe. Take a 100 million light-years trip, without leaving your seat. The length of the show is customizable to suit the needs of the venue.

*Duration: Customizable between 30-60 minutes.*

*Viewing Ages: Customizable for all age groups.*