

The Dream



The Challenger Learning Center is a living testimony to the dream of the Challenger Crew.

When the crew of the Challenger space shuttle perished in 1986, they were on a pioneering mission to extend the boundaries of human knowledge. The Challenger Learning Centers are continuing that mission today by preparing students for life.

Through participation in the center's simulated space adventures, Challenger Learning Center officials have created a positive educational experience that encourages students to excel in math and science, and possibly pursue careers in science, engineering and technology.

"What's important is that children can accomplish the mission with their own hands and that science, math and technology can be fun."

Dr. June Scobee Rodgers
Challenger Center Founding Chair



Located on the campus of the University of Tennessee Chattanooga, the Challenger Learning Center is a state of the art, informal educational facility. The Challenger Learning Center at UTC is formally aligned with the College of Health, Education, and Professional Studies.

Mission simulations and other programs are regularly scheduled throughout the week. Other evening and Saturday programs can be arranged.

For booking, pricing, or any other information about the Challenger Learning Center at UTC, please call 423-425-4126 or visit our website at: <http://www.utc.edu/Outreach/ChallengerCenter>.

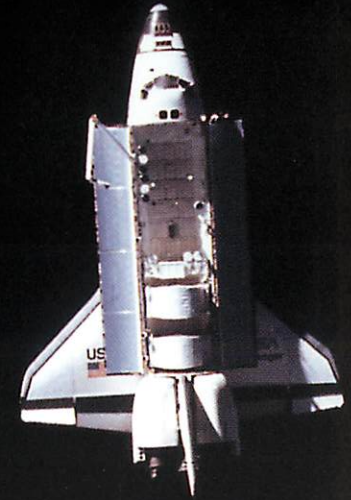
You are invited to become a part of this experience and to financially support the operations of the Challenger Learning Center through tax-deductible gifts to the Challenger Learning Center.

**The University of Tennessee Chattanooga
Challenger Learning Center
615 McCallie Avenue
Chattanooga, TN 37403-2598**



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The Micronaut Program



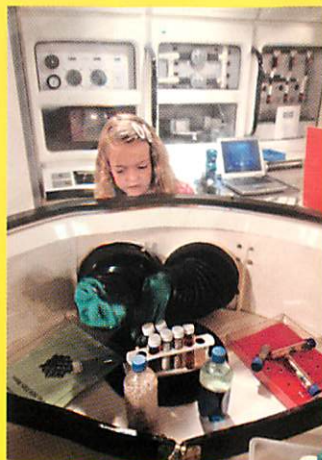
Challenger Learning Center
The University of Tennessee Chattanooga

Micronaut Program



In response to requests by elementary teachers for a space education program that would be appropriate for their students, the UTC Challenger Learning Center developed the Micronaut Program. This program is a space-themed, content-rich experience for non or beginning readers in kindergarten through fourth grade.

Come see what the Challenger Learning Center has to offer your students!



Micronaut Program

Grades K-4

Beginning to Low Reading Level



Discovery Mission

Traveling 230 miles above the Earth's surface aboard the International Space Station, the Discovery crew continues the mission of the largest scientific cooperative program in history. This elite team of scientists, engineers, and mathematicians will engage in unique research using a variety of hands-on experiments.

1 Hour Program

- Includes the Mini Discovery Mission and one Micronaut EVA
- Maximum of 36 participants - Divided into 2 groups of 18 students each

2 Hour Program

- Includes the Mini Discovery Mission and two Micronaut EVAs
- Maximum of 54 participants - Divided into 3 groups of 18 students each

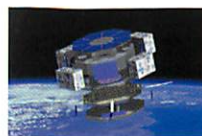
Micronaut EVAs (Extra Venue Activities)



Micronauts In Orbit is a hands-on activity that addresses the theme of living in space.

Students will:

- * Create their own STS model
- * Recreate the correct sequence of a real shuttle launch
- * If time allows, watch a clip of an astronaut's daily routine in space



Micronaut Tech is a hands-on activity that addresses the use of technology.

Students will:

- * Investigate the day and night sky
- * Build a Nano Satellite with Geofix Pieces (K-2) or Origami Paper (2-4)

* Additional EVAs may be available. Please call 423-425-4126 for details.

Micronaut Program

Grades 3-4



Micro Comet

In the year 2061, traveling between Earth and Mars, the Micro Comet crew is on a mission to study Comet Halley. This scientific team of explorers will launch a probe into the comet to unlock the secrets of this fascinating comet.

1 Hour Program

- Includes the Micro Comet Mission and one Micronaut EVA
- Maximum of 36 participants - Divided into 2 groups of 18 students each

2 Hour Program

- Includes the Micro Comet Mission and two Micronaut EVAs
- Maximum of 54 participants - Divided into 3 groups of 18 students each

Micronaut EVAs (Extra Venue Activities)



Micronaut Origami Nanosat is a hands-on activity that addresses space technology and mathematics concepts.

Students will:

- * Explore the history of NASA nanosat technology
- * Create a paper nanosat using the origami techniques of paper folding
- * Define and recognize geometric shapes



Micronaut Moon Phases is a hands-on activity that explores moon phases.

Students will:

- * Investigate the sun, Earth, and moon
- * Model the moon phases
- * Create a 2-dimensional model of the moon phases



Micro Rockets is a hands-on activity that addresses rocketry and Newton's Laws of Motion.

Students will:

- * Construct and launch Micro Rockets
- * Analyze Newton's Laws of Motion