

The Challenger Experience



A visit to the Challenger Learning Center is a unique hands-on learning experience that completely engages participants in an exciting simulated space mission that includes a realistic mission control and an orbiting spacecraft – produced with guidance from NASA.



Mission Programs

School Programs

K-4 Micronaut Discovery Missions

Gr. 5–12 Rendezvous with a Comet

Corporate Missions

A unique staff development experience that builds team skills, fosters trust, and challenges problem solving abilities

Reserve your mission today!



Our Legacy

Dedicated to the educational spirit of the space shuttle Challenger Mission 51-L, the Challenger Center for Space Science Education develops learning centers and other educational programs worldwide to engage students in science, technology, engineering, and math education. The Challenger Learning Center New Mexico is part of a network of over 50 centers around the world.

Challenger Learning Center New Mexico

Unser Discovery Campus
1776 Montano NW
Los Ranchos de Albuquerque,
NM 87107
www.challengernm.org

Call (505) 248-1776

The Challenger Learning Center New Mexico is a 501 (c) 3 non-profit educational organization whose mission is to honor those who have explored the frontier of space; to extend the classroom walls for teachers of science, technology, engineering and math; and to encourage students, of all ages, to learn to solve problems, and make decisions to help them command their own destinies.

Summer Camps 2011



Challenger Learning Center New Mexico

Inspiring....
Exploring.... Learning...
It's Our Mission!

Camp Opportunities

Crater Kids Gr. K – 2*

Come learn about our moon! The week begins with a "launch" to the moon. Once we're on the moon, we will explore craters, build lunar rovers, and create edible solar systems. Back on Earth, we will plan time to share our adventures.

Cost: \$125

Date: July 11 – 15

Time: 9 a.m. – 12 p.m.

Flight Specialists Gr. 2 – 3*

Campers will explore the principles of flight by creating model airplanes and rockets. We'll experience Newton's Laws of Motion as we navigate a dirigible through a flight plan. At the end of our week, we will even have an air rocket launch!

Cost: \$125

Date: July 11 – 15

**Time: 9:00 a.m. – 12:00 p.m. OR
12:30 p.m. – 3:30 p.m.**

Astronomy Gr. 1- 4*

Your child is the "Star" at our Astronomy Summer Camp. Explore the solar system and beyond using "kid friendly" reflecting telescopes and the Starlab Portable Planetarium. Campers will experiment with light, learn about the planets, stars and constellations using the creative curricula developed by the Astronomical Society of the Pacific.

Cost: \$125

Date: June 27 – July 1

Time: 9:00 a.m. – 12:00 p.m.

* Grade entering in the fall of 2011

Advance Registration is Required!

505-248-1776 ext. 732

www.challengernm.org

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Cosmic Capers Gr. 4 - 8*

As an astronaut preparing for your mission, you will explore the secrets of comets as you and your teammates investigate scientific data and discover ways to solve unexpected emergencies. At the end of your training you will be part of the crew that journeys into space to extend your study of comets in our spaceflight simulator.

Cost: \$125

Date: June 13 – 17

Time: 12:30 p.m. – 3:30 p.m.

Racing to Space Gr. 1 – 3 or 4 – 6*

Come take part as we learn about the similarities between race cars and aerospace, beginning in the early 20th century and continuing to the present day.

Cost: \$125

Date: June 27 – July 1

Time: 9:00 a.m. – 12:00 p.m. (4-6)

12:30 p.m. – 3:30 p.m. (1-3)

Micronauts Gr. 1 – 3*

Be part of our Discovery crew planning and doing experiments in our spacecraft simulator. Pre-flight training includes learning about life onboard the space station, orbit, and re-entry through hands on activities.

Cost: \$125

Date: July 11 – 15

Time: 12:30 p.m. – 3:30 p.m.

Rocketry Gr. 4 – 8*

You will explore the principles of flight and build and launch your own model rocket! Each session provides the necessary materials and content for you to use in building, launching, tracking, and calculating the flight path of your rocket.

Cost: \$125

Date: June 13 – 17

Time: 9 a.m. – 12 p.m.

Camp Opportunities

Robotics Gr. 4 – 6*

You are part of a team challenged to design and build a robot to carry out a mission on Mars. Your team must work together to rescue a crew of astronauts stranded in a Martian dust storm.

Cost: \$125

Date: June 27 – July 1

Time: 12:30 – 3:30 p.m.

NASA's Tiger Team Gr. 6 – 8*

Step up to the plate as a member of the Tiger Team to solve unexpected problems that arise during a space mission based on real NASA situations. Campers will devise solutions, test, modify, and retest their solutions to save the astronauts! Many fun problem-solving activities and games abound!

Cost: \$125

Date: June 13 – 17

Time: 12:30 – 3:30 p.m.

ISS Camp Gr. 7 – 12*

Feel what it's like to train like real astronauts preparing to assemble the International Space Station using an underwater microgravity simulation

*Learn teamwork, like NASA

*Learn to snorkel

*Learn Newton's Laws of Motion

*Construct a 22' x 15' x 12' model of the ISS

Cost: \$125

Date: August 1 – 5

Time: TBA

LOCATED AT THE UNM OLYMPIC POOL