Education Programs

The Awful Truth About Zero-G

Water climbs the walls because there’s no “downhill.” Flames don’t rise because there’s no “up.” Everything floats – but ping-pong balls sink. This popular activity involves students in reenacting the discovery of gravity and learning about research in space.

Grades 4-up; $100/class.

Blast Off With Flying Tea Kettles

Learn the basics of rocketry, then build and launch your own rockets (type depends on grade level.) Each level includes our Flying Tea Kettles presentation on the history of rocketry, with videos of how they work (and sometimes don’t) and a demonstration of Hero’s Very Cold Steam Engine (uses liquid nitrogen).

$60 to $115/class, depending on grade level.

Twisted Weather

Use a spinning water tank to simulate our rotating Earth and video cameras to see how the atmosphere and the ocean circulate. See how temperature and density differences make fluids flow around each other.

Grades 4-up; $75/class.

Alien Autopsy

Welcome to the Antaeus Orbiting Quarantine Facility. Your mission is to dissect alien lifeforms brought from Europa, the ice-covered moon of Jupiter. Student teams work in a quarantine glovebox while learning how Tortilla volante (Flying Tortilla) is like us – and different. They have fun learning the basics of biology and scientific inquiry, then reporting what they find. Includes a presentation on the search for extraterrestrial life.

$95 to $145/class, depending on grade level.

Sizing Up Your Solar System

Map out the solar system on your school and neighborhood and find out why we call it space (there’s a lot of it). Discover why sunspots aren’t black. Make a solar ribbon bigger than Earth. Includes A Map of the Universe, taking you 13.8 billion light years across space, from here to the Big Bang.

Grades K-12; $100/class.

Field Trips to the Museum

Museum tours, big screen movies, planetarium programs, live star talks and engaging classes are all available at affordable prices for school groups. Museum admission and movie or planetarium shows start at $5/student and $6/adult. Tour guides are available for an additional flat fee of $20/30 students.

Add a class and get a free tour guide!
Apollo Sleepover in Space: The Total Museum Experience!

An unforgettable overnight adventure! Experience an adventure inside the New Mexico Museum of Space History. Your evening will kick off with a fantastic 4K film experience followed by an engaging presentation on the history of rockets all the way to the historic Apollo 11 moon landing, fifty years ago. Build water rockets and launch them the next morning, can you save your “Eggstronaut”?

Top it off with a late night museum tour and the rare opportunity to sleep next to amazing artifacts and be closer to history and space than ever before. Make your reservation today to jump on-board and be a part of space history!

$50 per child, $20 per chaperone, 10-person minimum.

Remote Camps

Bring the Museum summer camp experience to your community! Our remote camp programs provide the educators and materials; just add your kids and a venue and you’re ready to go. We have a wide range of full day, half day, and week-long camps.

Ozobots

These busy little guys go everywhere – so long as you tell them where to turn or spin, and how fast to go. Ozobots have sensors that follow color codes you draw on a game mat and select the best hike for collecting rocks on Mars or to automate a rocket factory.

Grades K-12; $75/class.

Gimme A Hand

Build a working model of a hand and program it to pick up a pencil. And what can you get (or lose) if you trade that little finger for a second thumb? Based on a NASA class and inspired by the Luke Hand project to build prosthetic limbs.

Grades 4-9; $80/class.

The Flying Gizmo Show

This 45 minute show teaches the history of aviation and how airplanes fly. An engaging encounter with various flying machines including birds, hot air balloons and rockets. Each flying toy tells a story, instructor and student participation.

For all ages; $125/show.

Airships and Blimps!

This is a fun drop-in program where students will build a real flying blimp using a balloon and paper cutouts for fins and balance. Learn the difference between airships and blimps and basic gas laws in the process.

For all ages; $50/hour.

A Bridge to Space

Rockets don’t just push – they can squeeze. Your challenge is to design a bridge that handles the squeeze from the Space Launch System’s two solid rocket boosters and supports the core stage. Then we’ll test until it falls apart and you build it better using the NASA Engineering Design Process.

Grades 4-12; $100/class.

Houston, the Peeps™ Have Landed

How to Build a Bug shows how we designed the Apollo Lunar Module— starting in 1939! Work in teams to build your own lander that takes marshmallow Peeps™ safely to the lunar surface. Based on a NASA engineering education activity.

Grades 4-up; $100/class.

Paging Dr. ‘Droid

You’re the doctor on Mars and your appendix is going bad. Start with clay and a knife, experiment with a surgical simulator (like the ones real doctors train with), then design a robot that can remove that appendix – or handle other problems. Robotic surgery is the way of the future and you can be part of it!

Grades 4-12; $80/class.

Dark Side of the Sun

Yes, it has a dark side – at least, invisible. The same force runs electric motors and generators, powered the Red October submarine, and rules pulsars and … vending machines. And it may take you to the planets. You start with a battery, a switch, a lamp, and some wire.

Grades 4-9; $75/class.

My Sky Tonight

Introduce preschool kids and kindergarten to basic astronomy concepts with My Sky Tonight, lessons produced by the Astronomical Society of the Pacific. Seven different programs are available.

Ages 3-7; $75/class.

Portable Planetarium Programs

Take a trip and never leave your school! Explore the heavens with our portable digital planetarium and see the night sky as we see it today or at any time in the past or future. Our experienced educators will bring the wonders of the universe right to your school. Each program is approximately 40 minutes long, classes are held in one hour blocks.

Grades K-12 $100 hour, 3 hour min.

For more info, visit NMSpaceMuseum.org

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