



2026-27 SCHOOL PROGRAMS GUIDE INTERDISCIPLINARY STEAM LEARNING RESOURCE

SCHOOL PROGRAMS GUIDE

MOSI
KEEP DISCOVERING

4801 EAST FOWLER AVE • TAMPA • 813-987-6000 • MOSI.ORG

WELCOME EDUCATORS!

Bring STEAM (Science, Technology, Engineering, Art and Mathematics) to life for your class this year with our hands-on workshops, field trip packages, MOSI in Motion Outreach Programs, Camp-Ins and more!

At MOSI, we believe learning comes alive when students explore, experiment, and actively engage with the world around them. Whether you visit us for an unforgettable field trip or bring MOSI to your classroom through our outreach programs, we are here to spark curiosity and strengthen classroom learning. Our hands-on, standards-aligned STEAM experiences are designed to support your teaching goals while inspiring students to think critically, solve problems creatively, and see themselves as scientists, engineers, and innovators.

Students have the opportunity:

- Field trip groups have the opportunity to experience the Holloway Digital Dome Theatre, home of the Saunders Planetarium for immersive, awe-inspiring science adventures.
- to participate in experiential learning opportunities that deepen understanding beyond what textbooks or lectures can offer. Students can see cause-and-effect relationships firsthand and draw connections between classroom learning and real-world applications.
- to create lasting memories. These experiences can motivate them academically and personally, encouraging a lifelong interest in STEAM subjects and fostering a positive attitude toward learning.
- to experience different learning styles and preferences. Visual, auditory, and tactile learners all benefit from the multisensory experiences offered, enhancing overall engagement and comprehension.

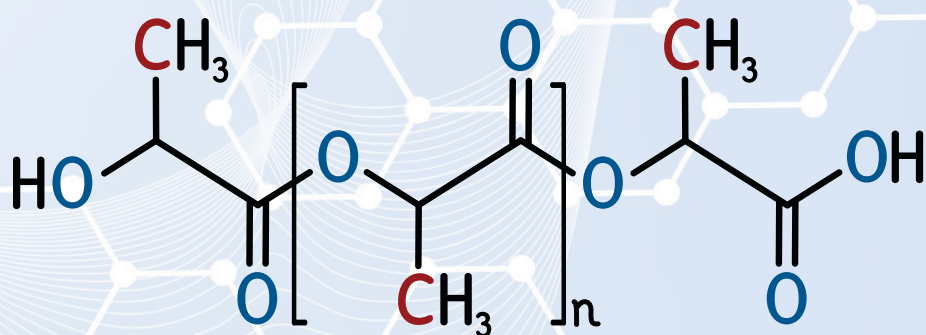
We look forward to being an extension of your classroom and partnering with you to help you meet the state standards!

Do you have questions or special program requests? We're ready to help! Contact 813-987-6000 or visit mosi.org to make a reservation.





Distribution of this information does not imply endorsement of this activity or event by Hillsborough, Pasco, or Pinellas Public Schools.



EXPLORE MOSI



Spark your students' curiosity in STEAM (Science, Technology, Engineering, Art, and Mathematics) through MOSI's immersive, hands-on exhibits. Each experience encourages exploration, critical thinking, and creativity while helping students make meaningful connections to real-world science.

I Wonder! - What? Why? How? Get curious about the basics of physics, optics, geology and math. Lie on a real bed of nails, move a giant pendulum using nothing but magnets and challenge a friend to test your strength in a game of Tug-o-War.

Dinovations Lab - Take a trip into the past and explore our Dinovations Field Lab! Get an up-close look at our fossilized Diplodocus, a massive herbivore from the Jurassic Era. Examine real fossilized remains using MOSI's microscopes and discover the details of ancient life. Step into the role of a dinosaur movie director with our stop-motion animation station, or become a dinosaur yourself to see if you can survive in our immersive "Be the Dinosaur" simulation.

Slippery Science - MOSI has partnered with the Tampa Bay Lightning to bring the science of hockey to life. Have you ever wondered what our Lightning players wear when they step out on the ice? How about how they paint the rink? Don't forget to see if you have what it takes to be an athlete by testing out your reaction time!

Mission: Moonbase - Come explore MOSI's simulated permanent lunar base! Funded in part by NASA, Mission: Moonbase offers a unique experience to see what life might be like on the moon in 2070. Utilizing enhanced augmented reality simulations, and virtual views of the moonscape, explore what it would mean to live in a lunar outpost! What tasks would suit you best? Could it be driving a rover, or collecting minerals? Mission: Moonbase incorporates STEAM every step of the way as guests experience the day-to-day operations of MOSI's futuristic outpost!

Space Walk - One small step for man... one giant leap for MOSI guests! This exhibit features items from human's travels into space. See how your foot matches up to the space boot worn by our fearless astronauts! Get up close and personal with a rock taken off the surface of the moon! Learn about the International Space Station and the new face of industry in space!

MOSI Mind Mysteries - Join MOSI in our mind-bending exhibit – Mind Mysteries. Come with a friend, and learn what it is to be a 'Puzzle Person'. Fool your eyes with illusions that'll have your brain spinning! Have your picture taken with your head served up a la carte! Using geometry, mirrors, optical illusions, and mind tricks, our Mind Mysteries exhibit has it all!

Aviation Evolution - Encounter walls that react to your touch, complete puzzles that tell the story of aviation, and test your own skills by building paper airplanes and helicopters - all with a real experimental aircraft suspended just over your head. From human's earliest dreams of flight to our modern age of space stations and satellites, explore the inventions and people who've taken aviation to new heights as you find your way to the finish.

LIVECycles Butterfly Garden - Step into our butterfly garden and explore an enclosure filled with native plant species that support local ecosystems. Observe butterflies as they feed from flowers and look closely to spot caterpillars inside our flight cage, discovering each stage of the life cycle. As you explore, students will practice observation and identification skills while learning to recognize some of Florida's most common butterfly species. This experience supports life science standards by exploring ecosystems, plant-animal interactions, and the structure and function of living organisms.

Flight Club Drone Zone - Immerse yourself in the wonders of flight by engaging with drones. Take control of real drones, completing exciting challenges. Whether you're soaring through obstacle courses or navigating virtual landscapes, this exhibit offers a thrilling flight.

Be the Astronaut - Become space explorers, learning the STEM concepts behind real-life missions. From mission planning to hands-on spaceship controls, every step immerses them in the science of space travel. Realistic simulators let them land on the Moon, cruise to Mars, and even venture into deep space. It's a perfect blend of learning, problem-solving, and fun!

Hurricane Tube - Come face-to-face with Earth's mightiest storm - The Hurricane! Join MOSI in experiencing gale force winds of 70+ MPH. Grab a couple of friends, and see just how dangerous these winds can be in the safety of our hurricane tube!

Idea Zone - There is always a project to build in MOSI's makerspace and fab lab! From high heels to a new hand, get up-close with examples of how 3D printing is changing our world. Come build robots and make electricity with our team of inventors and tinkerers that always have hands-on projects waiting for you. Idea Zone is home to different themes and projects each month, so there's always something new to see and do at MOSI!

The Science of...You - Peek inside the human body and discover how nutrition, fitness, medicine, and technology work together to create a healthier YOU! Use the power of your mind to play Mindball, or take on a life-size version of Operation. Try on distracted driving goggles to experience how different factors can affect your vision and coordination. Explore healthy choices and crawl through a larger-than-life digestive system to see how your body processes food. Students will engage in critical thinking and real-world applications of science as they investigate what it means to live a healthy life.

Dinovations Dig - Take a step back in time and become a paleontologist in Dinovations Dig, our hands-on fossil excavation experience in Science Park. Kids can dig through a fossil bed to uncover dinosaur bones. Once the fossils are found, they'll work together to assemble dinosaur skeletons, just like real scientists. It's a fun and educational adventure that brings the prehistoric world to life!

MOSI Marketplace - The MOSI Marketplace offers guests a fun and engaging way to extend their learning beyond the exhibits. Featuring a curated selection of science kits, educational toys, plush, and unique souvenirs, the Marketplace encourages curiosity, creativity, and discovery. Whether students are exploring STEM concepts or taking home a memorable keepsake, the MOSI Marketplace provides something for every young innovator to continue the experience long after their visit.

Discovery Vault Gift Shop - Don't forget to stop by the Discovery Vault during your visit! Packed with all your favorite NASA merchandise, this out-of-this-world gift shop features Astronaut Ice Cream, cuddly Plush Planets, space-themed souvenirs, and a galaxy of unique knickknacks perfect for curious minds of all ages. Whether you're picking up a memento or the perfect gift for a future astronaut, the Discovery Vault has something for every space enthusiast!



EDUCATIONAL PROGRAMS FOR GROUP FIELD TRIPS



DISCOVER A MOSI FIELD TRIP

MOSI offers educators content-driven field trips that are fun, interactive learning opportunities for students in STEAM education. Let MOSI be an extension of your classroom to help meet your standards in a hands-on, inquiry-based and engaging way. Add a program to your field trip to enrich your students' learning experiences.

KINDERGARTEN – 2ND GRADE

Butterfly Boogie (Life Science)

Explore the life cycle of a butterfly from caterpillar to chrysalis to butterfly. Discover which plants attract butterflies and serve as food for caterpillars. See the butterflies up close and personal in our butterfly garden. SC.L. 14, SC.N.1, SC.N.3

Up, Up, and Away (Space)

Explore the world of space travel through the eyes of an astronaut. Learn the parts of a rocket and then blast rockets up in the air. Finish your journey with a taste of astronaut ice cream. MA.A.1, SC.E.5, SC.K.N, SC.2.N

Kids' Chemistry (Chemistry)

Examine the states of matter – solids, liquids, and gases. Mix common household items to explore physical and chemical changes. Play with mysterious ooze that you create. MA.B.1, SC.N.1, SC.N.2, SC.P.8

Android Inventors (Robotics and Coding)

Be the problem solvers of tomorrow! Build and code a dynamic science rover that follows your command. Explore different ways scientists and engineers reach remote places using robots. Investigate how sensors work with hands-on and "minds-on" experimentation. SC.P.13.1, SC.P.12.1, SC.P.13.4, MAFS.MD.2.3

3RD – 5TH GRADE

Cycle of Life (Life Science)

Take your students' learning on an adventure! Journey through the life cycles of plants and animals to discover the amazing transformations they go through. Learn the difference between complete and incomplete metamorphosis. End the class with an immersive visit to the MOSI Butterfly Garden. SC.L. 14, SC.N.1, SC.N.3

Mission: Moonbase (Space)

Prepare for liftoff as you journey to one of Earth's lunar colonies. Experience what it would be like to work and live in a lunar colony. Your students will work together in hands-on zones as they discover topics in multiple areas including lunar base operations, engineering, biosciences, and robotics. Journey out to the lunar surface to ensure that the solar flare shield is functioning properly. SC.N.1, SC.E.5

Totally Ooey Gooley Science (Chemistry)

Take ordinary things and make slime that will ooze through your fingers. Experiment with physical and chemical properties of matter to create colorful acid/base reactions and reactions that heat up, cool down, or foam out of control. SC.P.8, SC.P.9, MA.A.5, MA.B.2

Scene of the Crime (Forensic Science)

A crime was committed and there's a mystery to solve! You and your team of detectives must analyze fingerprints, hair and other mysterious pieces of evidence in the lab to crack the case. Apply the tools and techniques of forensics to solve a simulated crime. SC.N.1, SC.N.2, SS.B.1, MA.A.4

Stormy Weather (Weather)

Be prepared for anything in this "low pressure" class that shows how and why weather patterns change. Learn about the tools used by meteorologists, see a cloud in a bottle and learn about the rain cycle. Find out about lightning safety, hurricane preparedness, and see how many drops your cloud can hold before it "rains" inside a plastic cup. SC.3.E.6.1, SC.4.E.6, SC.5.E.7.4

Kinetic Art (Engineering)

Experience the action of art in motion as students master the mechanics of movement by building a Rube Goldberg-style machine. Teams work together to build a complex machine using pulleys, gears, marbles, and other engineering contraptions. Combining fundamental forces with creative invention, students will experience the pride of building a wild, moving chain reaction. SC.E.5.4, SC.N.1.1, SC.P.10.2, SC.P.12.2, SC.P.13.1

Robot Engineers (Robotics and Coding)

Get first-hand experience in the field of robotics as you follow a blueprint to assemble and program your own robot that can drive and stop all by itself. Explore key coding concepts like loops and logic while discovering the essential components robots need to operate autonomously. SC.N.1, SC.E.5, SC.P.10, SC.P.11, MA.G.5.2, SC.E.5.2, SC.N.2.1

Ready for Lift-Off (Space)

3...2...1... Blast off! Young engineers will explore the exciting science of rockets and space travel. Through hands-on experiments, students will investigate forces like thrust and gravity, design their own straw rockets, and launch them to see whose design can land on the moon! Get ready to think like a NASA engineer and reach for the stars! SC.P, SC.N, SC.E

Minecraft Coding (Coding)

Get ready for the ultimate Minecraft escape room experience! Collect clues and use computational thinking to solve puzzles that will get you one step closer to escaping Dr. Breakowski's estate. Learn computer science basics as you use block-based programming to help your coding agent navigate the challenge-filled rooms in this mysterious mansion. Can you escape before dawn and collect the one million emerald prize? SC.35.CS 1.1, 1.2, 2.1, 2.2, 3.1, SC.68.CS 1.1, 1.2, 2.1, 2.2, 2.3, 3.1



GRADES 6 AND UP

MOSI's Jr. Investigative Health Experience (Life Science)

Program Length – 1 hour

Expose students to important health topics concerning cardiovascular health. Dissect a sheep's pluck which is the trachea, lungs and heart of the animal. Students will be able to observe not only the above-mentioned organs, but also the tissues, valves and muscles that are vital to proper organ functions. Students will also relate methods of dissecting this specimen to a prerecorded segment of an actual open-heart surgery. At the end of the program, students may ask questions about the latest information regarding heart and lung health. SC.L.14, SC.L.15

*Additional lab fee applies

Ridiculous Reactions (Chemistry)

Become a chemist and experience what happens when the elements come into contact with each other. Create hot ice and learn how the reaction helps people that live in colder climates. Make colorful Elephant Toothpaste, then finish the class by creating a mini-firework and art sculpture from heating baking soda and powdered sugar. It promises to be a blast. SC.P.8, SC.P.9, SC.

Materials Madness (Materials Science)

Use chemistry and physics to test the durability and structure of different substances. Stretch a garbage bag to see if it holds one gallon of water without breaking. Create PVA slime and learn about different polymers. Create a concoction that will disintegrate steel wool. This class will stretch your understanding of STEAM. SC.P.8, SC.P.9, SC., SC.N.1

CSI Tampa (Forensics Science)

Challenge your students to solve a simulated crime by performing a variety of techniques used by forensic scientists in the DEA and FBI labs. Students will analyze evidence such as hair and blood samples and use chemistry to identify unknown substances to solve a simulated crime. Go behind the scenes of this fascinating application of science and technology. SC.N.1, SC.L.16

The Code of Life (Life Science)

Explore why DNA is considered the "blueprint of life" in this introduction to its coded structure and the role that it plays in genetics. Extract DNA from human cheek cells and learn why each step of the procedure is important. Run gel electrophoresis to conduct a DNA fingerprint simulation in this exploration of biotechnology. SC.N.1, SC.L.16

Vital Signs (Life Science)

Dissect a sheep's heart, lungs and trachea to understand how they work. Learn to measure blood pressure in this exploration of respiratory and circulatory physiology. SC.L.14, SC.L.15, HE.C, HE.B, HE.P

*Additional lab fee applies

Investigative Health (Life Science)

Program Length – 1.5 hours

Through hands-on stations (such as suturing, tools of the trade, and engineering) expose students to important health topics. Examine the heart, trachea and lungs of a mammal through dissection. Investigate how the heart and lungs work together to oxygenate and circulate blood throughout the body. Learn why interpreting an EKG graph is important for good health.

SC.L.14, SC.L.15, HE.C, HE.B, HE.P

*Additional lab fee applies



PLANETARIUM PROGRAMS

Holloway Digital Dome Theatre, Home of the Saunders Planetarium (One show is included with group admission!)

Included with every field trip admission students will enjoy a 15-minute star show led by our expert staff, followed by a 30-minute immersive film. These experiences are designed to align with science standards while sparking excitement about space, Earth and beyond. Film selections vary and are subject to change.

Current offerings include:

Dream to Fly (Grades K and up)

Explore the history of flight from Leonardo da Vinci to the Wright brothers. Dream to Fly describes the most important milestones on our route to conquering the skies, both in terms of technological breakthroughs, as well as our perceptions on flying itself.

Oasis in Space (Grades 4 and up)

Explore Earth's unique position as a life-sustaining world and compare it with other planets in our solar system and beyond.

Astronaut (Grades K and up)

The exploration of space is the greatest endeavor that humankind has ever undertaken. What does it take to be part of this incredible journey? What does it take to become an astronaut? Learn by exploring the amazing worlds of inner and outer space, from floating around the International Space Station to maneuverings through microscopic regions of the human body.

Expedition Reef (Grades K and up)

Learn the secrets of the "rainforests of the sea" as you embark on an oceanic safari of the world's most vibrant—and endangered—marine ecosystems. Expedition Reef immerses you in the undersea adventure. Along the way, discover how corals grow, feed, reproduce, and support over 25% of all marine life on Earth—while facing unprecedented threats from climate change, habitat destruction, and overfishing.

Perfect Little Planet (Pre-K – 5th grade)

Take a tour of the solar system through the eyes of alien tourists in this fun and educational journey through space.

Forward! To the Moon (Grades 4 and up)

Follow NASA's Artemis program and future plans for lunar exploration. Hear from the NASA engineers, scientists, and astronauts, including Artemis II pilot Victor Glover, engineers, working on Artemis, and learn how you too can be a part of the next great step forward in space.

Edge of Darkness (Middle – High School)

Learn about the most numerous objects in our solar system: asteroids and comets. Examine recent NASA missions to explore, sample, and even redirect asteroids and take a look at how these small-but-mighty objects affect us here on Earth.

Solar Superstorms (Grades 4 and up)

Witness the incredible power of solar activity and how it affects Earth, from awe-inspiring auroras, to technology disrupting coronal mass ejections.

7 Wonders (Grades 3 and up)

Travel to some of the most extraordinary natural and manmade wonders of the world in a breathtaking visual journey around the globe.

Standards Met are SC.N.1, SC.E.5



FIELD TRIP PRICING INFORMATION

Program Rates

Per Student

Chaperones

MOSI exhibits and planetarium show

\$12

Free**

Education Program, exhibits and planetarium show

\$17

Free**

Vital Signs (with lab fee), exhibits and planetarium show

\$22

Free**

Jr. Investigative Health, exhibits and planetarium show

\$24

Free**

Investigative Health, exhibits and planetarium show

\$28

Free**

* All programs have a capacity of 30 people and are 45 minutes in length unless noted.

** Required chaperones are free. See page 12 for required chaperone ratios.

ULTIMATE T. REX VR Experience

Travel back to the age of dinosaurs with Ultimate T. rex VR. This thrilling Virtual Reality experience brings the world of dinosaurs to life. Wear 3D goggles and sit in motion chairs that move with the action.

Enjoy a 360-degree journey through a prehistoric world. Follow a day in the life of a T. rex family. Experience their world as they hunt, explore, and face the challenges of prehistoric life.

This ride is approximately 6 minutes long. Up to 4 people can ride at once. Riders must be able to fit in headset and support themselves in the seat.

Tickets can be reserved for an entire group or purchased individually on the day of your visit.



Puff 'n Stuff
EVENTS | CATERING



Fuel Your Field Trip with Puff 'n Stuff

Boxed lunches are available for field trip groups for \$10 per student and must be ordered at least one week prior to your visit. **Scan the QR code for more information or visit the MOSI website at www.mosi.org.**



MOSI ALL NIGHT CAMP-INS



Immerse your K through 8th grade students in STEAM by spending the night at MOSI! Your students take over during our overnight Camp-In experience - with hands-on labs & MOSI exhibit exploration. MOSI All Night is an experience of a lifetime that kids and grown-ups will remember forever!

Crazy Contraptions Camp-In – Ready, set, create! Think like a scientist as you explore simple machines, physics, and engineering. Spend the night at MOSI designing and building crazy contraptions to push, pull, and propel objects! SC.N.1, SC.P.12, SC.P.13

Dino Detectives Camp-In – Become a paleontologist for the evening and journey back to the Jurassic Era! Study prehistoric life, examine rock samples, and design a dinosaur. SC.L.15, SC.L.17, SC.E.6

Get a Clue! Camp-In – Enjoy a night of mystery and intrigue - all while locked in the museum! Unleash your inner detective as you become a spy and search for clues. Uncover evidence & analyze DNA to solve the disappearance of Moonbase Mike. SC.N.1, CTE-LPSS.LAW.2

Mission to Mars Camp-In – Are you eager to explore worlds beyond your own? Do you want to follow in the footsteps of astronauts, engineers, and scientists? Join MOSI for a night of space exploration! Choose your mission, design your spacecraft, and experience our galaxy in our stellar Saunders Planetarium. SC.N.3, SC.E.5, CTE-TECED.ENGTEC.4

Robot Rampage Camp-In – Do you have an eye towards the future? Explore the robotics of today and build the robots of tomorrow. Design, program, and play with robots. Will your dream robot explore other planets, clean the oceans, rescue people, or help do your chores? SC.N.1, SC.SC-CP.2, SC.CS-CS.6

Add-ons available at Discounted Group Rate: VR Experience, MOSI Patch, Planetarium Show.

Pricing and Reservation Information: MOSI All Night Camp-Ins start at \$1300 per event. Price is dependent on the size of your group and choice of add-ons. Please contact scoutreach@mosi.org for a quote!

Reservation Process:

- Camp-Ins are offered on Thursday, Friday, and Saturday evenings.
- Camp-Ins must be booked at least 1 month in advance.
- \$150 deposit or letter of intent on school letterhead is required at time of reservation.
- Final payment and expected number of guest due 15 business days prior to the event

Reserve your Camp-In today at mosi.org/progam/camp-ins/

HOW TO SCHEDULE A PROGRAM



HOW TO SCHEDULE A MOSI FIELD TRIP

Reservation

1. Review the educational offerings in the School Programs Guide and determine what programs you are interested in including in your MOSI experience.

Contact the Reservations Department at **(813) 987-6000** or **Reservations@mosi.org** with any questions.

2. Complete the "Request a Reservation" form at <https://mosi.org/program/field-trips/> at least two weeks prior to the date that you would like to visit.

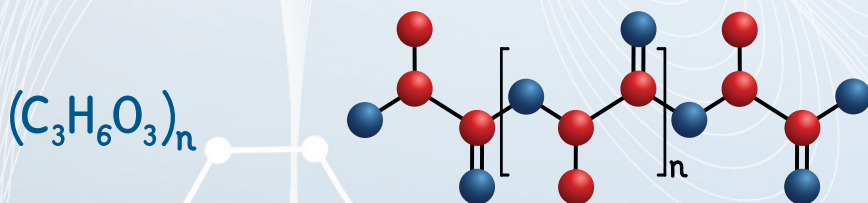
Make sure to have the following information handy:

- School or organization name
- Complete address and telephone number
- Contact person/group leader's full name, telephone number and email
- Estimated number of children and adults
- Grade/age level(s) of students
- Estimated arrival and departure times
- Program preferences

3. Please divide your classes into smaller groups to accommodate the capacity of the education program you have selected. Larger groups should plan a longer visit to MOSI to facilitate the rotation of students through the selected programs.

Payment

- The balance is due upon arrival at MOSI. To receive group rates, one payment is required for the entire group, both students and adults.
- MOSI membership and special passes do not apply to student or chaperone group rates.
- Groups must consist of a minimum of 15 people to receive group admission rates.
- Consult the program page for specific registration and alternate payment requirements.
- Rates in the School Program Guide apply to school and youth groups that consist primarily of students and children.





Cancellation

- A fee of \$50 will be charged to any groups canceling up to two weeks prior to the reserved date.

Confirmation

- A confirmation packet that includes an invoice, confirmation letter, map and information about parking, will be emailed within two weeks after receipt of your reservation.
- Mail your deposit to "Education Reservations." The deposit ensures that space is reserved for your group in the requested program(s) and time(s).

Chaperone Requirements and Responsibilities

MOSI requires the following chaperone ratios*

Preschool	1 adult per 5 students
Elementary/Middle	1 adult per 10 students
High School	1 adult per 15 students

*Special needs groups – adult to student ratio as needed by group.

- All required chaperones receive free admission to MOSI and all programs. Adults accompanying the group beyond the required number of chaperones pay adult rates.
- **Chaperones and adults are responsible for the behavior of the group and are required to supervise and stay with students at all times during the visit to MOSI.**



OUTREACH: MOSI IN MOTION

MOBILE SCIENCE PROGRAMS

The MOSI in Motion Mobile Science Lab brings the excitement of a field trip to you! Immerse your students in STEAM (Science, Technology, Engineering, Art, and Math) with workshops or assemblies that fit right into your daily schedule.

The MOSI in Motion Mobile Science Lab includes:

- Interactive STEAM workshops and assemblies that support your curriculum
- Multiple sessions per day of the program of your choice
- All materials for the program
- Enthusiastic educators who are Lunsford certified

General Program Requirements:

- Site must provide adequate indoor space and chaperone for duration of the program
- Recommended earliest start time of 9am, as instructors will arrive 45 min prior to first session for setup
- Capacities per session:
 - Pre-K: **20 students**
 - Workshops: **30 students**
 - Assemblies: **200 students**

Pricing:

- A \$50 deposit or letter of intent required for reservation
- Full payment due 2 weeks prior to program
- Small travel fee applies for sites more than 15 miles from MOSI

MOSI IN MOTION WORKSHOPS

PRE-K WORKSHOPS

\$360 flat fee: includes up to three 45-minute sessions of the same program. Each session consists of a 30-minute class and a 15-minute reset period.

Motion Commotion • Ages 4-5 • 20 per session

Learn how things move in this action-packed class where junior rocket scientists explore gravity and energy. These hands-on experiments will get them moving, thinking, and engineering.

Bug Bonanza • Ages 4-5 • 20 per session

Explore the wonderful world of bugs! Learn about insects, “eat” like a beetle, and dance like a butterfly. Get an up-close look at preserved specimens to observe their amazing adaptations, and see what makes insects so unique.



The 5 Senses Lab • Ages 4-5 • 20 per session

Use your senses to mix colors, explore textures, listen to mystery sounds, and identify scents and flavors in this super sensational lab all about making observations!

K-5 WORKSHOPS

\$750 flat fee: Includes up to five 60-minute sessions of the same program. Each session consists of a 45-minute class and a 15-minute reset period.

Potions in Motion • K-5 • 30 per session

Take matter into your own hands and explore the difference between chemical and physical changes with fizzing, slimy, and colorful chemical reactions! SC.N.1, SC.P.8, SC.P.9

3-2-1 Blast Off! • K-5 • 30 per session

Engage in the race to space while investigating the laws of motion. Learn about energy transfer with fiery combustion demos, then build your own air powered rocket and prepare for lift-off! SC.P.12, SC.P.13

Fossils: Clues of the Past • K-5 • 30 per session

Dig into the science of geology with this hands on fossil lab! Learn about the rock cycle, and how we can use that knowledge to uncover clues to Earth's past buried just beneath the surface. SC.N.1, SC.E.6

The Amazing You! • K-5 • 30 per session

From cells, to organs, to systems, to you! How do parts of the body work together? In this gooey workshop with a digestive system focus, take a closer look at what's going on inside the amazing machine that is YOU! SC.N.1, SC.L.14

K-8 WORKSHOPS

\$750 flat fee: Includes up to five 60-minute sessions of the same program. Each session consists of a 45-minute class and a 15-minute reset period.

Cryo-Cool: The States of Matter • K-8 • 30 per session

MOSI scientists use liquid nitrogen to demonstrate super cool science at subzero temperatures, with investigations into solids, liquids, and gases. Students will have the chance to take a closer look at heat transfer and what effect the flow of energy has on states of matter. SC.P.8, SC.P.9, SC.N.1

Robot Round-Up • K-8 • 30 per session

Feel the spark of innovation as you use code to make robots walk, talk, or dance! In this intro to robotics, learn what makes robots different from everyday machines. Students will code, test, and innovate their own program as they play with MOSI's robots. SC.PE, SC.CO, SC.ET, SC.HS

Star Lab: Tales of the Night Sky • K-8 • 30 per session

Let MOSI bring the wonder of astronomy to you! Our portable planetarium recreates the night sky complete with stars and constellations. Learn to distinguish types of stars, how to navigate using the night sky, and even listen to star stories! SC.N.1, SC.E.5



MOSI IN MOTION ASSEMBLY PROGRAMS

\$750 flat fee: Includes up to two 60-minute sessions of the same program, Each session consists of a 45-minute presentation and a 15-minute reset period.

- Site must provide appropriate indoor space and chaperones for the duration of the program
- Up to 200 students per session
- Additional sessions available for \$100/session

Chemistry: It Matters! • Grades K-8 - Be amazed by MOSI's chemists as they demonstrate remarkable reactions in front of your eyes! Learn about the differences between physical and chemical changes as you watch this action-packed stage show complete with color changes, catalysts, and combustion reactions. SC.P.8, SC.P.9

Science Extravaganza • Grades K-8 - An energetic show about energy transfer and more with a mixture of our favorite experiments! You'll have a blast while watching rip roaring rockets, spectacular sparks, and super cool liquid nitrogen. Discover more on topics of motion and combustion, electricity and conductivity, and heat transfer and states of matter with MOSI's knowledgeable instructors! SC.P.10, SC.P.11

Weather Wonders • Grades K-8 - From the water cycle to lightning strikes, take a deep dive into the wonders of weather! Have fun as we investigate how heat, pressure, and water combine to create both familiar phenomena and extreme storms. Crush a can, channel lightning, or create a cloud as we take a closer look at the physics of our forecast! SC.E.7

Reserve your program today at mosi.org/program/outreach

JUST ADD MOSI: TABLING STATIONS

Need to inject some STEAM (Science, Technology, Engineering, Art, and Math) in your event? Just add MOSI! We offer interactive walk-up stations and larger than life demos for your event. Activities are fun and engaging for all ages! With guests free to come and go, these are an excellent choice for an afterschool STEAM night, marketing event, festival, and more!

Pricing and Reservation Information

- \$350 per station for two (2) hours
- Add extra hours for \$100/hour for each station
- Site must provide appropriate indoor space
- Full payment required 2 weeks prior to program
- Small travel fee applies to sites more than 15 miles from MOSI



INTERACTIVE STATIONS

Short hands-on interactions to supplement your large event! Each activity can engage approximately 10 people/10 min on repeat, giving all your guests plenty of time to explore!

Rocket Launch – Design, personalize, and launch your rocket at the target! Have fun making a paper rocket and then using air power that you get to take home. (This program requires at least 10 feet to launch and can be indoors or outdoors).

It's Electric – “Spark” your curiosity about electricity by trying our hair-raising Van de Graaf generator! Investigate conductors and insulators, attraction and repulsion in this hands-on station. (This program requires access to electricity)

Robot Challenge – Program a D.A.S.H. robot and compete in the challenge of the day! See if your code can get you past obstacles or design a dance routine in this walk-up station. (This program must be indoors and requires access to electricity)

Telescope-To-Go – Stargaze with MOSI astronomers! Your guests will observe the nighttime sky, and get a closer look at objects like the Moon, stars, planets, and nebula. (This program must be scheduled at least 15 min after sunset, weather dependent)



MINI-DEMOS

Don't try this at home! Our MOSI scientists will amaze and engage with larger than life demonstrations. These mini-shows are about 10-15 minutes on repeat for continuous engagement and can engage approximately 30 people simultaneously.

Cryo-Cool – MOSI cryo-scientists will freeze, boil, condense, shrink, and crush objects before your very eyes! Using liquid nitrogen is the super-cool way to learn about the states of matter.

Under Pressure – In this mini-show all about weather, your guests will see, hear, and even feel the power of air pressure. Crush cans, see a cloud in a bottle, and find out what causes wind, rain, and more!

Colorful Chemistry – Explore the rainbow of chemical reactions. From rainbow fire to elephant toothpaste, these experiments are sure to impress.

These are meant to supplement your existing event, and are not intended to be booked as standalone events. Please allow a few minutes between experiments to reset. Water and electricity access required.



PROFESSIONAL DEVELOPMENT AND TEAM BUILDING



PROFESSIONAL DEVELOPMENT

MOSI offers dynamic professional development opportunities designed to equip educators with engaging, inquiry-based strategies that bring STEAM learning to life. Our hands-on workshops directly support academic standards and promote best practices in science, technology, engineering, arts, and math education. Whether held at MOSI or delivered at your school site, each session is customized to meet the unique needs of your staff, providing practical tools and fresh ideas to energize your classroom and curriculum.

TEAM BUILDING

Building a sense of team is important for growth and moral support! Get your staff together for some bonding time that will build trust, encourage communication, build relationships, increase collaboration and make memories. Effective team building means more engaged employees, which is good for company culture.

The Beast • Duration: 1 hour - This communication and team skills activity requires participants to team up, take on different roles, and work together. Each team will work together to recreate a “beast,” and the team with the best beast at the end, wins. This effective team building event incorporates listening and real-time communication as the key components for success.

Think Tank • Duration: 1 hour - Energize imaginations and creativity to design and prototype new ideas, products, or services. Teams work together to brainstorm how to solve real-world challenges. Fuel the fires of innovation within your organization as participants experience the joy of collaborative creation.

Chain Reaction • Duration: 1 hour - Experience the excitement and actions of a “well-oiled machine” as participants design and construct a Rube Goldberg-style machine. Teams work together to build a complex machine using pulleys, marbles, ropes and more to carry out a simple task that involves all the members of the team. Teams are also responsible for making sure their machine combines with the overall group’s project to make one massive, moving chain reaction. This engaging and fast-paced program allows participants to experience success as a collaborative team.

Pricing for one hour team building session:

Number of Participants	Cost per person
10 – 15	\$27.50 per person
16 – 39	\$26.50 per person
Over 40 people	\$25.50 per person

Reserve your program today at mosi.org/program/teambuilding



TOURING EXHIBITS



ABOVE AND BEYOND Through January 3, 2027

This limited-time, hands-on aerospace experience takes visitors from the Wright brothers' first flight to the possibilities of tomorrow. Above and Beyond blends imagination, engineering, and exploration in a way that puts you in the pilot's seat.

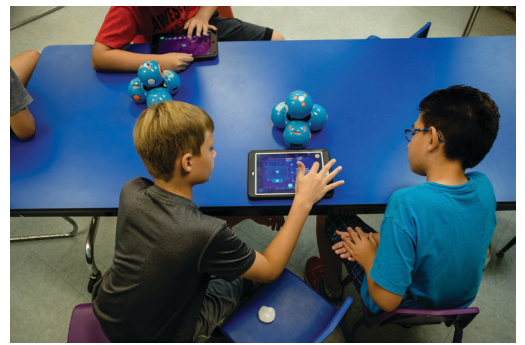
The journey begins in a wraparound immersive theater before opening into four interactive galleries: Up, Faster, Higher, and Smarter, each designed to turn big ideas into real experiences.

- Design and test your own supersonic jet
- Explore a giant multitouch timeline and interactive simulations
- Experience what it feels like to soar in formation with your friends and family

Created in collaboration with Boeing, NASA, and the Smithsonian National Air and Space Museum, Above and Beyond connects the wonder of discovery with the real-world innovations shaping the future of aerospace.

SUE: THE T. REX EXPERIENCE January 23 – May 31, 2027

Meet SUE, the most complete and best-preserved Tyrannosaurus rex ever discovered. In this engaging exhibition, students will explore the prehistoric world SUE lived in and uncover clues about the life of this incredible predator. Through fossils, hands-on experiences, and scientific investigation, students will learn how paleontologists study dinosaurs and discover how SUE survived a dangerous world to reach old age against the odds.



Discover, build, and explore at MOSI, where hands-on science experiences inspire curiosity across the community!

- Interactive STEAM workshops (K–6) featuring robotics, chemistry, engineering, and more
- Scout programs for Girl Scouts, Cub Scouts, and Merit Badges, led by experienced, engaging counselors
- All materials included, plus admission to MOSI so the learning continues beyond the program



Explore options and book your experience at mosi.org



MOSI is the intersection of science, technology and innovation in the Tampa Bay region where conversations and learning happen, knowledge is exchanged, and new ideas are celebrated.

