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!

STEAM programming for schools is better than ever with MOSI this year! MOSI offers educators content-driven field studies that are fun, interactive learning opportunities for students. Hands-on, minds-on programs, immersive planetarium shows and outreach programs are just some of the ways MOSI engages the interests, curiosity, and sense of fun in your students. Let MOSI be an extension of your classroom in meeting the Common Core and Next Generation Sunshine State Standards in Science, Technology, Engineering, Art and Mathematics.

Enrich your students’ learning experiences with our field trip programs. We offer a variety of programs for Pre-K – Adults. We look forward to partnering with you in implementing your STEAM curriculum to help you meet the state standards! We strive to create a STEAM-centered community and would love to come out to your science nights with your families!

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.

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EXPLORE MOSI

Stimulate the interest of your students in STEAM (Science, Technology, Engineering, Art and Mathematics) with all of the MOSI exhibits.


Dinovations Lab - Take a trip into the past and visit our Dinovations Field Lab! Take a good look at our fossilized diplodocus, a massive herbivore from the Jurassic Era. Get closer than you thought possible with fossilized remains using MOSI’s microscopes. You can even touch a gastrolith, a rock that used to reside inside of a Diplodocus to help it digest its food. Step back in time and become a dinosaur movie director with our stop motion camera!

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! Our newest 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 technology 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!

Art Factory - See art come alive! From painting to printing, our in-house artists always have something new to show. Learn about new techniques and watch paintings come to life!

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!

A Look Inside - Peek into the human body to discover how nutrition, fitness, medicine, and technology make a healthier YOU! Use your brain to play a game of Mindball or take on a life-size version of Operation! Try on a pair of Distracted Driving goggles to see how various factors affect your vision and coordination. Join MOSI and take a Look Inside!

Young Engineer’s Station - Did you know that a domino can knock down an adjacent domino one and a half times its size? Come to MOSI to see how many you would need to knock down the Empire State Building! Experience building with different materials. How tall can you stack dominoes? What structures in nature do architects study? Stop on by to find out!

Connectus - How do scientific ideas apply to improving our everyday lives? How will the interconnectivity of our ideas, our data, and new technologies shape our future? How does a brilliant idea get researched, developed, improved, and then shared with the world? Come face-to-face with the future in MOSI’s cutting edge exhibit - Connectus! This exciting exhibit allows guests to get hands-on with tomorrow and discover how innovators put STEAM skills to use in real life.
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

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.P13.1, SC.P12.1, SC.P 13.4, MAFS.MD.2.3

3RD – 5TH GRADE

Totally Ooey Gooey 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.74

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, SC.P.10, SC.P.12.2, SC.P.13.1

Robot Engineers (Robotics and Coding)
Take on the role of a NASA engineer to build and design a Mars rover. Use your imagination and problem-solving skills to guide robots across various terrains to collect samples. Discover amazing places in our solar system while exploring the field of robotics. SC.N.1, SC.E.5, SC.P.10, SC.P.11, MA.G.5.2, SC.E.5.2, SC.N.2.1

MOSI Backwoods Walk (Environmental Science)
Join MOSI on the wild side of science. Take a walk in MOSI’s Backwoods – an educational forest - filled to the brim with local flora and fauna, as well as some common invasive species in Florida. This class focuses on local plants, as well as human interaction with the local environment. Come take a walk in the shade and see the power of learning with your budding naturalists! Please note that this class takes place outside, so dress appropriately! SC.K.L.14.3, SC.1.L.16.1, SC.1.L.17.1, SC.2.L.17.1, SC.3.L.14.1, SC.3.L.17.2, SC.4.L.17.4, SC.4.L.17.2
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

Moon Madness (Pre-K – First Grade) Capacity – 46
Follow the story of Larry, a cat who managed to follow his owner to a futuristic colony on the Moon’s surface. Learn about our moon and its phases and take a journey to see other moons of the solar system. SC.N.1, SC.E.5

Starry Night (Kindergarten – 2nd Grade) Capacity – 46
The night sky has been both a source of entertainment and a useful learning tool for humans. Listen to some of the ancient sky myths about Orion and why his shoulder is red, why Little Bear seems to never leave the sky, and how the Sun travels across our sky. SC.N.1, SC.E.5

Planets (3rd Grade and Up) Capacity – 46
Take an exciting tour of the Solar System, complete with amazing views ranging from our planet to the denizens of the Kuiper Belt! Learn why Mercury is not the hottest planet in our Solar System, why the exploration of Mars is essential to the future of humans, and what planets are visible in the night sky. SC.N.1, SC.E.5

Seasons in Space (6th Grade and Up) Capacity – 46
Our planet Earth is in constant motion and it is that motion that helps our planet create the seasons. From the flower blooms of spring and the hottest of summer days, to the dazzling colors of autumn and the chilliest of winter nights, all of which are caused by the intricate dance of the Earth and Sun. Learn which forces are at work to create these phenomena and how they affect the night sky. SC.N.1, SC.E.5

Mapping the Universe (8th Grade and Up) Capacity – 46
Celestial navigation was a key part in how humans eventually explored the world around them and will become a key part in exploring the depths of outer space. Learn about the breakdown of the horizon into the cardinal directions, how we use light-years and parsecs, and how rapidly spinning pulsars are seen as “light-houses” to guide mankind to distant star systems! SC.N.1, SC.E.5
Immerse your 3rd 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!

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

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

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

Robots Inc. 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

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

Add-ons available at Discounted Group Rate: Ropes Course, 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 10 business days prior to the event.

Reserve your Camp-In today at mosi.org/campins or call (813) 987-6000!

SKY TRAIL ROPE COURSE

Have an adventure on the Sky Trail Ropes Course! Start off on the first level as you build confidence and test your abilities by attempting more advanced challenges throughout the three level, 35 element course. Safety is stressed through the course design where participants are harnessed and continuously attached throughout the ropes experience. The ropes course reflects Florida’s statewide commitment to building a positive school climate through self-confidence and team building. Our staff will work with you through experiential and adventure education.

*Closed, secured, or athletic footwear is required. Height restrictions apply. Must be 42” to participate on the Ropes Course with a responsible adult or 48” or taller to climb on their own. Waiver required.

FIELD TRIP PRICING INFORMATION

<table>
<thead>
<tr>
<th>Program Rates</th>
<th>Per Student</th>
<th>Chaperones</th>
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</thead>
<tbody>
<tr>
<td>MOSI exhibits only</td>
<td>$4</td>
<td>Free**</td>
</tr>
<tr>
<td>Education program &amp; exhibits</td>
<td>$8</td>
<td>Free**</td>
</tr>
<tr>
<td>Sky Trail Ropes Course &amp; exhibits</td>
<td>$9</td>
<td>$5</td>
</tr>
<tr>
<td>Vital Signs (with lab fee) &amp; exhibits</td>
<td>$12</td>
<td>Free**</td>
</tr>
<tr>
<td>Jr. Investigative Health &amp; exhibits</td>
<td>$14</td>
<td>Free**</td>
</tr>
<tr>
<td>Investigative Health &amp; exhibits</td>
<td>$18</td>
<td>Free**</td>
</tr>
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</table>

** All programs have a capacity of 30 students and are 45 minutes in length unless noted.
** 1 adult per 10 students are free.
HOW TO SCHEDULE A MOSI FIELD TRIP

Reservation
1. Review the educational offerings in the School Programs Guide and select the program(s), date(s) and time(s) for your MOSI experience.

2. Call the Reservations Office or fill out a form at https://www.mosi.org/book-your-field-trip at least two weeks or more prior to your program date and have the following information ready:
   - School or organization name
   - Complete address and telephone number
   - Contact person/group leader
   - Number of children and adults
   - Grade/age level
   - Arrival and departure time
   - 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.

4. All minors are required to have a waiver completed and hand-signed by their parent or legal guardian in order to participate in the Sky Trail Ropes Course. Waivers may be downloaded from the MOSI website, completed in advance and presented to the Ropes Course Staff when checking-in. A PDF version will also be sent to you with your booking confirmation. Adults wishing to participate will be required to sign an adult waiver.

Payment
1. A $50 deposit or Letter of Intent must be received at least two weeks prior to the group visit. Deposit can be made with cash, check, credit card, or purchase order payable to MOSI.
2. Groups must consist of a minimum of 15 people to receive group admission rates.
3. The balance is due upon arrival at MOSI. To receive group rates, one payment is required for the entire group, both students and adults.
4. MOSI membership and special passes do not apply to student or chaperone group rates.
5. Consult the program page for specific registration and alternate payment requirements.
6. Rates in the School Program Guide apply to school and youth groups that consist primarily of students and children.

Cancellation
1. A refund of the deposit, minus a processing fee of $15 will be issued to those groups cancelling up to one week prior to the visit. No-shows will forfeit the deposit.

Confirmation
1. 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.
2. 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

<table>
<thead>
<tr>
<th>Preschool</th>
<th>1 adult per 5 students</th>
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<tbody>
<tr>
<td>Elementary/Middle</td>
<td>1 adult per 10 students</td>
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<tr>
<td>High School</td>
<td>1 adult per 15 students</td>
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</tbody>
</table>

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

1. All required chaperones receive free admission to MOSI and all programs except the Sky Trail Ropes Course. Adults accompanying the group beyond the required number of chaperones pay adult rates.

2. 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 LAB

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

MOSI IN MOTION WORKSHOPS

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! See through a bug’s eye, drink nectar through a bug’s mouth, and do a bug dance. Get an up-close look at preserved bugs to observe eyes, wings and bodies.

The 5 Senses Lab • Ages 4-5 • 20 per session
Be a sense-sational scientist! Use your senses to mix colors, explore textures, listen to mystery sounds, and identify flavors and fragrances in this super sensational lab!

Potions in Motion • K-5 • 30 per session
Take matter into your own hands and explore the world around you with fizzing, bubbling 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 defying gravity and investigating motion. Design your rocket to reach its destination, and then 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 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 on all levels work together? In this fun activity based workshop, find out more about what’s going on inside the amazing machine that is YOU! SC.N.1, SC.L.14

Cryo-Cool: The States of Matter • K-8 • 30 per session
Is it magic or science? MOSI scientists use liquid nitrogen to demonstrate science at subzero temperatures, with investigations in solids, liquids, and gases. 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! SC.N.1, SC.P.12, SC.P.13

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 nighttime sky complete with stars, galaxies, and constellations. SC.N.1, SC.E.5

• Preschool Workshops include up to three 30-minute sessions for $360/day.
• K-8 Workshops include up to five 45-minute sessions for $750/day.
• Please allow for 15 min to reset between shows.
• Add extra sessions for $100/session.
• Site must provide an appropriate space and chaperone for the duration of the program.
• A $50 deposit or letter of intent is required for reservation.
• Travel fees apply for sites more than 15 miles from MOSI.
• Full payment is required at least 2 weeks prior to program date.

MOSI IN MOTION ASSEMBLY PROGRAMS

Chemistry: It Matters! – Grades K-8
- Explore the “WOW” of radical reactions with MOSI’s mad scientists! Bubbles, explosions, and colors mix with atoms, molecules, and heat in this action-packed stage show. SC.P.8, SC.P.9

Science Extravaganza – Grades K-8
- Watch super-cool cryogenics, spectacular electrical sparks, and rip-roaring rockets in this high-energy show. Discover the concepts of heat, motion, and matter as our educators make science larger than life! SC.P.10, SC.P.11

Weather Wonders – Grades K-8
- Flash! Clap! Bang! Thunderstorms occur all the time in Florida but how do they form? Students will investigate how heat, wind, and water create daily weather patterns and extreme storms! SC.E.7

Marine Gang – Grades Pre-K-2
- How do our actions impact the plants and animals that live the ecosystems surrounding the Tampa Bay? Let’s take a deep dive into this interconnected web of life and brainstorm ways that we can help! SC.L.17

• Assembly Programs include up to two 60-minute sessions for $750/day.
• Up to 200 students per session, additional sessions for $100/session.
• Please allow for 15 min to reset between shows.
• Site must provide an appropriate space and chaperone for the duration of the program.
• A $50 deposit or letter of intent is required for reservation.
• Travel fees apply for sites more than 15 miles from MOSI.
• Full payment is required at least 2 weeks prior to program date.

Reserve your program today at mosi.org/outreach or call (813) 987-6000!
MOSI-IN-A-BOX

A piece of MOSI – to go. MOSI-in-a-Box is packed to the brim with hands-on, minds-on STEAM activities that you facilitate when you want, where you want, and how you want. Borrow, use, and return – we take care of the rest!

MOSI-in-a-Box Includes:
• 4-6 themed activities per box.
• Fresh supply of consumable materials.
• Each box contains enough supplies for up to 150 students.
• Cleaning supplies to sanitize equipment between uses.
• Training guides and background information for facilitators.

Jr. Explorers Box – Grades PreK-1
- Take a journey to space by exploring our solar system through reading, science, math, and play!

Adventures in the Everglades Box – Grades K-2
- Take an adventure into the habitats that make up the Florida Everglades. Investigate the unique plants and animals that live in the River of Grass through games, art, and fun!

Animal Adaptations Box – Grades K-8
- What’s up with birds that don’t fly? Why do bears hibernate? Which animal has the best eyes? Explore the wild world of animals by studying the unique adaptations that help them survive. (Sorry, live animals not included!)

Roots, Leaves, and Seeds – Oh My! Box – Grades K-8
- Wander through the world of plants! Examine plant cell models, play photosynthesis games, puzzle out the anatomy of a flower, and plant your own seeds!

Decoding the Dinosaurs Box - Grades 2-8
- Investigate dinosaurs by examining the clues they left behind. Includes hands-on STEAM activities that help us understand how dinosaurs look, eat, sound, move, and sense.

Mission: Space Box – Grades 2-8
- Your mission, if you choose to accept it, is to go beyond our planet and explore the farthest boundaries of our reach. Design rockets, spacecraft, and machines that will help us explore the unknown!

Understanding our Universe Box – Grades 2-8
- Ready to explore the great unknown? Blast off with experiments and demos about the forces that shape our universe! Model the solar system, play space games, and even try some nebula art.

Marvelous Marine Mammals Box – Grades 2-8
- Junior marine biologists will study the size, habitats, and behaviors of our largest marine mammals including whales, dolphins, and manatees. (Sorry, live animals not included!)

Wild World Box – Grades 2-8
- Explore the relationship between living things and the environment by learning about habitats, ecosystems, interdependence, environmental change, and sustainability.

Pricing and Reservation Information:
• Each MOSI-in-a-Box can be borrowed for 1 week at a time for $150 per week.
• Pick-up/drop-off must be scheduled in advance.
• Delivery may be available for an additional fee.
• Boxes must be returned in good working condition.

VIRTUAL MOSI IN MOTION

Let us bring MOSI directly into your classroom -- virtually! We are offering live, interactive, virtual STEAM programs led by fun and engaging MOSI instructors on ZOOM.

Planetary Explorers
Become an expert in exploration! Choose your mission, design spacecraft, and follow in the footsteps of astronauts, engineers, and scientists. This live event includes hands-on, inquiry-based, STEAM activities and interactive Q&A facilitated by fun and engaging MOSI instructors. A list of recommended household materials for active participation will be sent along with the event link one (1) week prior to the program. SC.E.5

Forensic Investigators
Gather clues, analyze evidence, and make observations to help us solve the crime of the year! This live event includes hands-on, inquiry-based, STEAM activities and interactive Q&A facilitated by fun and engaging MOSI instructors. A list of recommended household materials for active participation will be sent along with the event link one (1) week prior to the program. SC.N.1, CTE-LPSS.68.LAW, CTE-GEN.68.TECH

Recommended Ages: K-8 students and their families
Duration: 1 hr
Fee: $150 for 15 participants and 2 chaperones, $10 per additional participant or chaperone.

Do you have questions or program requests? We’re ready to help! Contact 813-987-6000 or visit mosi.org/outreach to make a reservation.
JUST ADD MOSI...

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!

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! Take-away rocket included. This program needs a large space to launch rockets.

It’s Electric – “Spark” your curiosity about electricity by touching our hair-raising Van de Graaff generator! Investigate conductors and insulators at this hands-on station. This program needs access to electricity.

Robot Challenge – Program a robot and complete the challenge of the day! Will your robot dance, race, score, or drive?

Telescope-To-Go – Set up a skywatch at your site! Your guests will observe the nighttime sky, including stars, planets, nebulae, and the Moon. This program must be scheduled at least 15 minutes after sunset and is weather dependent.

MINI-DEMOS

Don’t try this at home! Our MOSI scientists will amaze and engage with larger than life demonstrations. Each mini-show is 15 minutes on repeat and can engage up to 100 people at a time, 200 people per hour.

Rocket Science! – MOSI rocket scientists will fuel up and launch explosive rockets right at your event!

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.

Air Power – Your audience will hear, feel, and even “see” the power of air when MOSI scientists demonstrate the highs and lows of air pressure.

Colorful Chemistry – Explore the rainbow of chemical reactions. Discover what gets hot or cold and what changes colors!

Pricing and Reservation Information

• $325 per activity for up to 2 hours. Add extra hour(s) for $50/hour for each activity.
• Travel fees apply for sites more than 15 miles from MOSI.
• Site must provide an appropriate and safe space.
• Full payment is required at least 2 weeks prior to use for the duration of the activities to program date.
• A $50 deposit or letter of intent is required for reservation.

PROFESSIONAL DEVELOPMENT AND TEAM BUILDING

PROFESSIONAL DEVELOPMENT

We design all of our professional development through engaging, inquiry-based hands-on activities that directly support academic standards. Each learning opportunity is integrated around STEAM (Science, Technology, Engineering, Arts and Mathematics). Participate in workshops that are inquiry-and research-based and designed to promote student and teacher success. Professional Development Workshops can be held on-site at MOSI or at your school. We will customize to your needs!

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:

<table>
<thead>
<tr>
<th>Number of Participants</th>
<th>Cost per person</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 – 15</td>
<td>$23.50 per person</td>
</tr>
<tr>
<td>16 – 39</td>
<td>$22.50 per person</td>
</tr>
<tr>
<td>Over 40 people</td>
<td>$21.50 per person</td>
</tr>
</tbody>
</table>

- Add Sky Trail Ropes Course for an additional $5 per person.
MOSI SCOUT PROGRAMS

MOSI offers programs for Girl Scouts, Cub Scouts, and BSA Scouts that cover many scout requirements and encourage opportunities for your group to learn, discover, and interact during hands-on STEAM workshops and overnight programs. Programs are led by experienced, knowledgeable, and engaging instructors. Check out our public programs on www.mosi.org/scouts or contact scoutreach@mosi.org to book a private workshop or overnight camp-in for your group!