

# 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 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 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.
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- 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](http://mosi.org/outreach) or call (813) 987-6000!**