

## EXPLORE MOSI



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

**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 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 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!

**Butterfly Garden** - Observe butterflies as they feed from flowers, and search for caterpillars inside our flight cage. Learn to identify the most common butterflies found in Florida.

**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!

**MOSI Marketplace** - Check out the science-themed merchandise so you can take home a little piece of MOSI with you! From plush dinosaurs to fun gadgets, there's something for everyone! You can also purchase quick bites to eat, refreshing cold beverages, and various sweet treats!