Online STEM*ventures* for kids ages 8-13!

During these live and interactive programs, participants will engage with Mote Educators and have the opportunity to ask questions in real-time. Our private and secure programs are led by two Mote Educators plus a Mote Education staff moderator to ensure the safest and most engaging virtual program.

STEM*ventures* for ages 8-10

Aquarium Biologist in Training:Does your child want to become an animal trainer? Come explore the life of an Aquarium Biologist and Animal Trainer. Participants will get to meet our Animal Ambassadors and learn what goes into caring for these unique animals. They will learn how our staff feed the aquarium's animals, how they keep animal exhibits clean, how they monitor behaviors, and how they create an exhibit that mimics the animal's natural habitat.
Dates: June 8th - 12th 9:00 am - 12:00 pm

Ancient Oceans: Travel back in time as Mote Educators introduce you to geological history and fossil formation, focusing on the ancient ocean creatures that once lived during the age of the dinosaurs! Hands-on activities will help participants understand what it takes to be a paleontologist or a marine geologist. They will also learn about the prehistoric adaptations that have persisted through time and mass extinction to help their modern-day descendants survive in today's conditions.
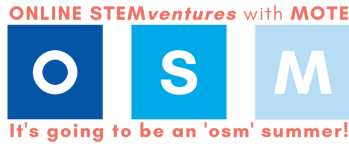**Dates:** June 15th - 19th 9:00 am - 12:00 pm

Deep Sea Science: Participants will learn about the physical and biological characteristics found in the deep sea, as well as how these properties give way to the adaptations of the animals that call these waters home. Participants will have the opportunity to do several hands-on activities and at-home experiments to better understand this harsh, and relatively unknown, ecosystem. Finally, participants will discover what it means to be a deep sea scientist and design a prototype of a deep sea submersible in order to gain a better understanding of what scientists must do to explore the vast depths of the ocean!
Dates: June 22nd - 26th 9:00 am - 12:00 pm

Aquatic Adaptations: Learning to adapt is something we have all had to do recently, but animals have been adapting for centuries! Structural shapes, physiological features, and bizarre behaviors are the three different expressions of adaptations that can improve the odds of survival. Join Mote Educators as you explore the amazing adaptations beneath the waves through virtual lessons and activities.
Dates: June 29th - July 3rd 9:00 am - 12:00 pm

STEM*ventures* for ages 11-13

Coding for the Future: Each day, participants will learn about current threats facing marine ecosystems and how scientists, like those in Mote's Shark and Ray Conservation Program, use coding to solve real-world problems. Participants will learn the basic coding skills needed to create their own animations, cartoons, and interactive games. By the end of the week, participants will be challenged to create independent projects that convey a marine conservation message!
Weeks: June 8th - 12th or June 22nd - 26th, 1:00 - 4:00 pm

Conservation Through Digital Media: Digital media has revolutionized the way scientists and conservationists communicate with the public. From examining coral reefs to documenting unique behaviors of elusive wildlife, scientists need to know how to communicate about their work! Join Mote Educators, as you explore the different ways in which scientists, educators, and storytellers are working to inspire environmental conservation. Participants will explore the different media commonly used in digital communications, meet with guest experts, and create digital media projects of your own in this week-long program.
Dates: June 15th - 19th or June 29th - July 3rd, 1:00 - 4:00 pm

How OSM Works

Participants will log-in at their designated start time to learn and collaborate with fellow participants on the topic of the day. We then will take a break to complete our at-home activities, projects, or experiments (depending on the day). During that time, participants are able to chat with our Educators if they have any problems or questions. Participants will wrap up each day with a final meet up again to share out their activity or experiment and review the topics learned that day. *Note: Some days there are single, longer breaks and other days there are multiple, shorter breaks. Adult supervision is advised for the project/experiment portion of the program.*
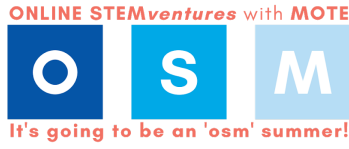
Price per STEM*venture*: $63 for members, $70 for non-members
Siblings receive a 50% discount!

Please review our Tech Check & Safety Guidelines before registering:

OSM Tech Check

OSM Safety Guidelines

STEM*ventures* for ages 2-7

Looking for fun and engaging programs that you and your child can do at home? Try these pre-packaged STEM*ventures*! These themed packets delivered via email will include education materials and links to videos of our early childhood educators introducing topics and activities. Follow along with us from the comfort of your own home, pause when you need to and complete at your own pace! You will have access to the content of your purchased theme(s) from June 8 thru August 31, 2020.

Adult supervision and assistance is required for these activities. Some activities include printables, but options are provided if printing is unavailable.

Theme Options:
The Coast Counts: Join us to learn how humans and animals alike count on our coasts! Roleplay as a Mote scientist while learning how to monitor the health of Florida's coastal habitats and the inhabitants found there.

Hide and SEAk: Ready or not, here we come: to learn all about how animals hide from predators and "SEAk" out their prey! Investigate the adaptations ocean animals have at their disposal like patterns, textures, bioluminescence, and more!

Sea Shapes and Sizes: From the smallest plankton to the biggest blue whale; round pufferfish to arrow shaped barracuda; the ocean is filled with all shapes and sizes! Join Mote Educators to learn what this variety does for ocean animals then explore the shape of the ocean floor.
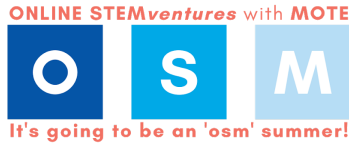
Each Pre-Packaged STEM*venture Theme*: $45 for members, $50 for non-members

Have an OSM week!

Upon registering for any OSM program, you will receive a confirmation email with a link to your "Weekly Guide" to help prepare for a virtual week with us. Supplies for all of our OSM programs should be easily found around the home. The guide you receive in your confirmation email will detail what you need so you can prepare for your OSM week.

REGISTER TODAY!

UPDATED CANCELLATION POLICY

As of 5/21/2020, we have a new cancellation policy in light of the COVID-19 health crisis. This policy applies ONLY to the Online STEMventures with Mote (OSM) programs.

If your child is unable to attend their scheduled program, you must provide notice of cancellation in writing to educationonline@mote.org at least 4 days prior to the start of their OSM program. This allows us ample time to open up your child's spot in the program to another on our wait list. Upon cancellation, you will receive a credit for the full amount paid. This credit can be applied to any Mote Education program, virtual or online, through December 2021.

We will not grant partial credits/refunds for any missed attendance, except in the event of a total cancellation (see policy above). Program fees will not be credited/refunded due to technical issues (on the participant's end) unless reliably traced to a Mote Education malfunction. Mote reserves the right to cancel or modify any program or schedule. Modification of a program schedule by Mote does not constitute grounds for a refund.

Please note that OSM programs will not run if the minimum number of participants is not met. A notice will go out the week before should that happen. Mote will offer OSM participants the option to transfer to another program, retain a credit for a future virtual or onsite Mote Education program through December 2021, or provide a refund in full.