



MUSEUM OF ARTS & SCIENCES

2023 SUMMER

LEARNING

INSTITUTE

JUNE 12 - AUGUST 4

PROGRAM GUIDE &
REGISTRATION FORM

MOAS

MUSEUM OF ARTS & SCIENCES



For more information, please call 386.255.0285 or visit moas.org



5 and 6 Year Olds

Week 1: June 12-16

9am-12pm

Dinosaurs: A Lost World

Paleo-preschool students will have exciting hands-on opportunities with real prehistoric specimens and fabulous dinosaur fossils from the Museum's collection. Junior paleontologists will enjoy activities ranging from digging to sorting and classifying. Our young scientists will handle real fossils that date back 300 million years!

1pm-4pm

Art City

Paint, draw, and create art beyond your wildest imagination. Utilize the Museum's collection to explore art from all around the world. Create portraits, prints, sculptures, and more! Paint your own crazy art and have fun discovering the possibilities while developing your own creativity.

Week 2: June 19-23

9am-12pm

Science Wizard

The Museum has over 100 interactive, hands-on science kits that will aid in teaching your young scientist all about sound, light, physics, astronomy, paleontology, and more. Conduct your own science experiments and take visits to the Lohman Planetarium and the Charles and Linda Williams Children's Museum.

1pm-4pm

Animal Adventures

If you love animals, this is the class for you! Discover all the cool animals that roam the world from lions and tigers and bears (oh my!), to animals that have made Florida their home. Take a trip around the world using the Museum galleries to find animals depicted in art. Use Museum specimens like teeth, claws, and skulls to learn how animals eat their food. By land, air, and sea, the Museum showcases many amazing animals to learn about.

Week 3: June 26-30

9am-12pm

Block City

Join the wonderful world of LEGO®s and create dazzling sculptures, buildings, racecars, and many other sensational pieces. Use the Museum's impressive collection of over 200,000 LEGO®s to construct your masterpiece. Visit the Museum's galleries, the Lohman Planetarium, and Tusawilla Preserve to inspire your creations.

1pm-4pm

Life Under the Sea

The Museum has a massive collection of oceanic artifacts and specimens for your junior scientist to explore. During this hands-on class, learn about shells from around the world as well as sharks, fish, coral, and more. Work on becoming a great junior marine biologist while you sort and classify specimens. Look at microscopic plankton and learn why the ocean is so important.

Week 4: No Classes July 3-7

Week 5: July 10-14

9am-12pm

A Pirate's Life

Shiver me timbers! Dress up like a pirate, design your own pirate flag, create your own treasure coin, and learn about life at sea as a pirate. Enjoy pirate stories, arts and crafts, and a fun-dress up pirate party! Landlubbers need not apply!

1pm-4pm

Backyard Naturalist

Discover the world around you while learning about nature from the Museum's extensive collection of specimens that range from insects and bones to teeth and other objects. Take a collecting trip through Tusawilla Preserve and gather your own natural history objects. Discover the biodiversity within your own backyard.

Week 6: July 17-21

9am-12pm

Paint, Print, and Splatter

Paint, print, and splatter your way through the world of art. Take a trip around the world and learn about art using the Museum's extraordinary collection of fine art. Create prints, pottery, crazy art, finger paintings, and more!

1pm-4pm

LEGO® City

LEGO®s are a great social activity and a fantastic learning tool, especially within a Museum setting. Students will build all types of structures, visit Museum galleries, view an astronomy show, and build a spaceship! Engineering, art, math, and science all come together within this classic toy!

Week 7: July 24-28

9am-12pm

Digging Up Bones

In this class, your young scientist will learn about dinosaurs, giant ground sloths, and other animals that date back millions of years. Sort, classify, and learn about the amazing animals that once roamed the Earth. Take a tour of the Prehistory of Florida Gallery and learn about the Giant Ground Sloth! Hold real fossils including dinosaur and mammoth bones!

1pm-4pm

Science Crazy

Every child is a born scientist. Foster your child's interest by exploring multiple sciences through a variety of hands-on activities. We will explore chemistry, paleontology, marine science, and even astronomy in the Lohman Planetarium! Explore a new branch of science each day with new opportunities to learn about our amazing world and universe.

Week 8: July 31-August 4

9am-12pm

Space Cats

Discover the stars, planets, and the Milky Way Galaxy while learning about the life of an astronaut. Learn about rockets and visit the Lohman Planetarium for an incredible show. Create a diorama of our solar system and a cool spaceship that will whisk you away to the stars and beyond!

1pm-4pm

My Five Senses

Develop your five senses during this one-of-a-kind class. We rely on our senses to provide us with information about the world around us. During this hands-on class, you will use binoculars in Tusawilla Preserve, analyze color in paintings, discover sounds, touch unique textures, and much more!

A one-hour supervised "bring-your-own lunch" break between morning and afternoon sessions will be scheduled for all campers that will be staying for both morning and afternoon sessions.

Also offering Extended Care from 4pm - 5:30pm! See student registration form for details!

7, 8 and 9 Year Olds

Week 1: June 12-16

9am-12pm

Jr. Archaeologist

Learn excavation techniques and how early people adapted over time to create the society we live in today. Dig into Florida's history and beyond. Discover what it takes to be a professional archaeologist while digging in our mock archaeology site.

1pm-4pm

Mega Science

Jumpstart your camper's future STEM career with this fun and exciting science class. Explore electrical circuits, gravity, ice age fossils, biodiversity, force and motion, and many other important sciences. Take a trip to the Lohman Planetarium and zoom through our vast universe. Learn about famous scientists and their discoveries as you experiment with drawing your own conclusions.

Week 2: June 19-23

9am-12pm

Paleontology 101

Learn about the fascinating world of fossilized animals from the past including giant ground sloths, mammoths, mastodons, dinosaurs, and other extinct animals. Learn how to dig up fossils and identify bone material using the Museum's extensive collection of real fossils. Take a journey back in time and discover our world of ancient life through this hands-on class.

1pm-4pm

King of All LEGO®

200,000 LEGO®s can make life just about perfect! Enjoy a build-off every day and create your own buildings, towns, planes, abstract sculptures, and other LEGO® creations. Learn about the history of historic buildings and structures from all over the world and build your own versions. Engineering, history, and science make for a perfect LEGO® day!

Week 3: June 26-30

9am-12pm

Time Tunnel

Back by popular demand! Join us to time travel back to the ancient world. Learn about mummies, pyramids, ancient temples, and the art of long-lost cultures. Discover geography, art, engineering, history, and ancient inventions that changed the world.

1pm-4pm

Arttrageous

Your imagination is the limit in this painting, printing, drawing, and construction class. Art made the world! Students will learn about portraits, landscapes, sculptures, and more as they create their own masterpieces using a variety of media.

Week 4: No Classes July 3-7

Week 5: July 10-14

9am-12pm

Launch It!

Join MOAS Curator of Science, Seth Mayo, and discover the basic principles behind rocketry and construct different types of simple rockets that you can launch on the Museum's grounds. Learn about propulsion, aerodynamics, and the history of space travel in the Lohman Planetarium.

1pm-4pm

Science Mania

STEM education creates critical thinkers, increases science literacy, and enables the next generation of innovators. Your camper will enjoy learning about biology, geology, astronomy, physics, and more as they build familiarity and understanding of these important academic sciences. The Museum has many fantastic hands-on science kits and resources to help form an excellent base of knowledge.



Week 6: July 17-21

9am-12pm

Mission Space

Join MOAS Curator of Science, Seth Mayo, and visit the Lohman Planetarium to take a galactic journey through the universe. Discover cool constellations, planets, galaxies, and other wonders that make up our place in the universe. Learn how our planetarium works, how to use a telescope, and what it takes to be an astronaut.

1pm-4pm

Camp Cretaceous

Dinosaurs went extinct 65 million years ago, but we are bringing them back this summer to learn about all the wonders that were buried for millions of years! Discover cutting-edge science that helps paleontologists learn about how these ancient reptiles must have looked, sounded, and lived. Create Cretaceous marvels to take home, expressing your own artistic representations for what you think these creatures may have looked like. Work with the Museum's vast collection of fossils that span hundreds of millions of years.

Week 7: July 24-28

9am-12pm

Christmas in July

In this festive class, campers will get to enjoy a weeklong Christmas celebration! Put your skills to the test to see if you can build the tallest snowman, learn how to make snow, create Christmas slime, and more! Learn about the origins of Santa Claus, the Christmas tree, and many other family traditions. On Friday, campers will get to participate in a Florida snowball fight!

1pm-4pm

Beginners Chess

Learning Chess is a fun and exciting way to develop a young mind into a strong thinker. Learn all the basics of chess, like piece placement, how to move the pieces, basic strategy, the difference between checkmate and stalemate, and more! Please note, this class is for beginners who do not know how to play chess.

Week 8: July 31-August 4

9am-12pm

Hidden Wonders of the Universe

Discover the hidden wonders of the universe from the microscopic to the macroscopic! Learn about the microbial and microbiological wonders all around us, invisible to the naked eye. Visit the Lohman Planetarium to discuss the planets, stars, and galaxies shrouded by our atmosphere far beyond our view, and discover what secrets they might hold!

1pm-4pm

Wild About Wildlife

Discover the world around you and learn about nature from the Museum's extensive collections of specimens that range from insects and bones to teeth and other objects. Take a collection trip through Tusawilla Preserve and gather your own natural history objects. Discover the biodiversity in your own backyard.

10, 11, 12 and 13 Year Olds

Week 1: June 12-16

9am-12pm

Creative Chemistry

Through hands-on experiments, this class will help students connect real-world situations with science. Learn what makes a volcano erupt and create your own bottle rocket using the knowledge of chemical reactions. Learn about the periodic table, food chemistry, chemical compounds, and more.

1pm-4pm

Zoology Expert

Learn about animal classification, adaptations for survival, and the importance of wildlife habitat conservation. Learn about biodiversity, dead animals, and ocean life. Explore the Museum's collection of specimens. This hands-on program brings children together who share similar interests and focuses on the proper care, handling, and maintenance of both rare and popular pets. This class will explore intriguing animals you may have never heard of before and allows your child to interact and learn directly from these incredible creatures.

Week 2: June 19-23

9am-4pm

Maker Exploration

Learn about designing, iterating, and creating in this Maker Exploration camp. Explore the fundamentals of designing from rough ideas, iterating into more refined concepts, and then creating finalized projects. Learn how to use 3D printers and their software, basic mechanics, the scientific method, engineering processes, and use problem-solving skills.

Week 3: June 26-30

9am-12pm

Art and Archaeology

If you like artifacts and ancient civilizations, then this is the class for you! Learn about the science of archaeology and how societies change over time. Learn about the tools, art, and artifacts the ancient people used every day. Discover the tools and methods that archaeologists use to excavate sites.

1pm-4pm

Beginner and Intermediate Chess

Beginners can spend the afternoon exploring the game of chess while learning the basics. Already know how to play? Learn new strategies and techniques to improve your game and add to your skill level. Chess helps develop critical thinking skills and improves creativity which is so important to the STEM fields of science, technology, engineering, and mathematics. Don't let your opponent take your queen!

Week 4: No Classes July 3-7

Week 5: July 10-14

9am-4pm

Claymation Movie Making Camp

Claymation Movie Making is back! Utilizing storyboard, set design, construction, and Claymation animation, participants will create original Claymation productions. Learn about editing and production techniques that will inspire budding animators of the 21st century. Learn how to sculpt, create soundtracks, design titles, and use digital cameras to produce your final film.

Week 6: July 17-21

9am-12pm

CSI Daytona

Learn what it takes to become a criminal detective. Learn the science behind dusting for fingerprints and figure out how to identify and crack codes. Learn how to enter a crime scene, discover clues, and interview witnesses. Discover how police detectives use evidence to solve and unravel mysteries.

1pm-4pm

Science Chaos

Science is everywhere and is more important than ever. Put your hands on our Van de Graff Generator, classify fossilized shark's teeth, visit the Lohman Planetarium and the giant ground sloth, and discover the Museum's science kits. Learn about physics, astronomy, paleontology, chemistry, geology, and more!

Week 7: July 24-28

9am-12pm

LEGO® Build-a-Thon

200,000 LEGO®s can make life just about perfect! Enjoy a build-off every day and create buildings, towns, planes, abstract sculptures, and other LEGO® creations. Learn about the history of historic buildings and structures from all around the world and build your own versions. Engineering, history, and science make for a perfect LEGO® day!

1pm-4pm

Paleontology Expert

Junior paleontologists will have an exciting hands-on opportunity with authentic prehistoric specimens and a variety of dinosaur reproductions from the Museum's collection. Experience working with the tools of a real paleontologist, learn about historic discoveries, and find out what is really going on in the world of the fossil hunter.

Week 8: July 31-August 4

9am-12pm

Welcome to Hogwarts

Experience all the different classes and activities that the Hogwarts School of Witchcraft and Wizardry has to offer. Students will get a chance to be sorted into their houses, play Quidditch for their own house, and learn about the fantastic beasts that roam the wizarding world.

1pm-4pm

Comic Book Creation

Creating a comic book can be fun! Learn the skills and techniques involved in creating, penciling, inking, and coloring your very own comic book character. Students in the class will create their very own superhero or character and write their own adventures. The only limitation is your imagination in this exciting class!

Thank you to
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Institute Scholarship Sponsors:

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