

# EASY REFERENCE COURSE SCHEDULE

AGE GROUPS	JUNE 13-JUNE 17	JUNE 20-JUNE 24	JUNE 27-JULY 1	JULY 11-JULY 15	JULY 18-JULY 22	JULY 25-JULY 29	AUGUST 1-5
5-6 Years Morning	Art City	Dinosaur Adventure	I Want to Be a Scientist	Paint, Print, and Splatter	A Pirate's Life	Science Professor	Space Cats
5-6 Years Afternoon	King of All LEGOs®	Amazing Animal Adventure	Backyard Naturalist	Digging Up Bones	Make Me a Rembrandt	Let's Be Builders	Academy of the Seas
7-8-9 Years Morning	Time Scavenger	LEGO® Big Shot	Mission Space	Time Tunnel	It's Rocket Science	Camp Cretaceous	Wild About Wildlife
7-8-9 Years Afternoon	Science Funtastic	Planet Ocean	Artology	Science Big Shot	Chemistry Wiz	LEGO® Empire	Hidden Wonders of the Universe
10-11-12-13 Years Morning	LEGO® Build-A-Thon	Mad Professor	Maker Exploration		CSI Daytona		Comic Book Creations
10-11-12-13 Years Afternoon	Science Chaos	Anthropology Expert	Advanced Chess		Classic Games		Sensational Science
10-11-12-13 Years All Day				Claymation Movie Making		Short Movie Making	

## Student Registration Form 2022

Name \_\_\_\_\_ Age \_\_\_\_\_ Address \_\_\_\_\_  
 City/State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_  
 Parent(s) \_\_\_\_\_ Email \_\_\_\_\_

Additional registration forms, online registration, and more information can be found online at [www.moas.org](http://www.moas.org)

NOTE: Tuition fees are indicated by museum member discount price first, followed by the general admission fee.

### Programs Ages 5 & 6

- Art City \$95/\$105
- King of All LEGOs® \$95/\$105
- Dinosaur Adventure \$95/\$105
- Amazing Animal Adventure \$95/\$105
- I Want To Be a Scientist \$95/\$105
- Backyard Naturalist \$95/\$105
- Pain, Print, and Splatter \$95/\$105
- Digging Up Bones \$95/\$105
- A Pirate's Life \$95/\$105
- Make Me a Rembrandt \$95/\$105
- Science Professor \$95/\$105
- Let's Be Builders \$95/\$105
- Space Cats \$95/\$105
- Academy of the Seas \$95/\$105

### Programs Ages 7, 8 & 9

- Time Scavenger \$95/\$105
- Science Funtastic \$95/\$105
- LEGO® Big Shot \$95/\$105
- Planet Ocean \$95/\$105
- Mission Space \$95/\$105
- Artology \$95/\$105
- Time Tunnel \$95/\$105
- Science Big Shot \$95/\$105
- It's Rocket Science \$95/\$105
- Chemistry Wiz \$95/\$105
- Camp Cretaceous \$95/\$105
- LEGO® Empire \$95/\$105
- Wild About Wildlife \$95/\$105
- Hidden Wonders of the Universe \$95/\$105

### Programs Ages 10, 11, 12 & 13

- LEGO® Build-A-Thon \$95/\$105
- Science Chaos \$95/\$105
- Mad Professor \$95/\$105
- Anthropology Expert \$95/\$105
- Maker Exploration \$95/\$105
- Advanced Chess \$95/\$105
- Claymation Movie Making \$190/\$210
- CSI Daytona \$95/\$105
- Classic Games \$95/\$105
- Short Movie Making \$190/\$210
- Comic Book Creation \$95/\$105
- Sensational Science \$95/\$105

Please make sure your student is enrolled at least one week prior to the start date to help educators prepare for classes.

### Extended Care Program

Extended Care Program will be offered from 4:00pm - 5:30pm for \$25 per week. Extended Care students picked up after 5:30pm will be charged \$10 for every 10 minutes of additional care provided.

Please mark the weeks which your student will attend:

- June 13 - June 17
- June 20 - June 24
- June 27 - July 1
- July 11 - July 15
- July 18 - July 22
- July 25 - July 29
- August 1 - August 5

### Payment

Reservations for each class are confirmed by your payment. Fees are non-refundable, but the Museum will make every effort to find an alternative placement for a student in another session if cancellation occurs.

Total Number of Program Sessions \_\_\_\_\_ sub total \$ \_\_\_\_\_

Number of Extended Care Weeks \_\_\_\_\_ x\$25 sub total \$ \_\_\_\_\_

Enclosed is my check # \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

If you would like to pay with a credit card please register online at [MOAS.org](http://MOAS.org). For more information please call 386-255-0285.

Make check payable to:

MUSEUM OF ARTS AND SCIENCES

Mail to: Museum of Arts and Sciences

Attn: Summer Learning Institute

352 S. Nova Road, Daytona Beach, FL 32114



## 2022 Summer Learning Institute Program Guide!

The Volusia County School Board is not affiliated with the events/programs in any manner, nor does it endorse or assume any responsibility for any activities which may occur in connection with them.

352 S. Nova Road  
Daytona Beach, FL 32114



For more information, please call 386-255-0285 or visit [moas.org](http://moas.org)



## 5 and 6 Year Olds

### Week 1: June 13-17

9am-12pm  
**Art City**  
Paint, draw, and create art beyond your wildest imagination. Explore art from around the globe through the Museum's collections. Create portraits, prints, sculptures, and draw awesome animals. Take strolls through the Museum's galleries to gather inspiration!

1pm-4pm  
**King of All LEGO®**  
LEGOs are an amazing tool where creativity meets science, math, and art! Wow! We have around 200,000 LEGOs to create with so there is no limit to where your imagination can take you. Build a plane, a tall building, or a crazy sculpture! Visit the planetarium, the children's museum, and the museum's galleries while using endless LEGOs to create your masterpiece. Take home your favorite creation!

### Week 2: June 20-24

9am-12pm  
**Dinosaur Adventure**  
Paleo-preschool students will have exciting hands-on opportunities to interact with real prehistoric specimens and awesome dinosaur fossils from the Museum's collection. Our junior paleontologists will enjoy activities that range from digging to sorting and classifying fossils. This is a chance for our young scientists to handle real fossils that date back 300 million years!

1pm-4pm  
**Amazing Animal Adventure**  
Animals come in all shapes and sizes. They fill all corners of the world. During this class, students will learn about the diversity of animals from A to Z. Learn how animals communicate, move, and how they acquire food.

### Week 3: June 27-July 1

9am-12pm  
**I Want To Be a Scientist**  
The Museum has over 100 interactive, hands-on science kits to teach your young scientist about sound, light, physics, astronomy, paleontology, and more! Students will conduct their own science experiments, visit the planetarium, and enjoy the children's museum.

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 Nature Preserve and gather your own natural history objects. Discover the biodiversity within your own backyard.

### Week 4: No Classes July 4-8

### Week 5: July 11-15

9am-12pm  
**Paint, Print, and Splatter**  
Paint, print, and splatter your way through the world of art. Take a trip around the world by using the Museum's extraordinary collection of fine art. Create your own prints, pottery, finger paintings, and more!

1pm-4pm  
**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 ranging from dinosaurs to mammoth bones and more!

### Week 6: July 18-22

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, crafts, and a fun dress-up pirate party! Landlubbers need not apply!

1pm-4pm  
**Make Me a Rembrandt**  
Create art that is one-of-a-kind in this class that allows you to explore the world of art. Tour the Museum's galleries and become inspired to paint, sculpt, draw, and construct unique pieces of art that would make Rembrandt himself proud.

### Week 7: July 25-29

9am-12pm  
**Science Professor**  
Give your child a head start in science in this class that covers all of the basics. Hands-on activities and demonstrations are at the core of this camp class. Visit the planetarium, the giant ground sloth, Tusawilla Nature Preserve, and more. Handle all types of specimens from scientific objects to sponges and magnets. Learn about liquids, solids, and gases by using our cool fog machine!

1pm-4pm  
**Let's Be Builders**  
Build this, build that! We have tons of blocks, LEGOs, and other materials to build all types of cool things, like wacky sculptures, buildings, towers, cars, and more! Our young builders will learn about engineering, balance, color, design, and most importantly, will use their imaginations! Students will explore the Museum's galleries to find sculptures, paintings, and objects that represent the art of building.

### Week 8: August 1-5

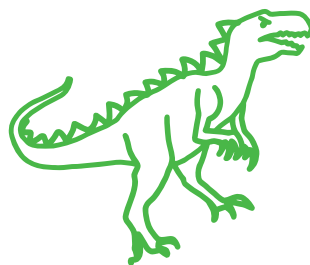
9am-12pm  
**Space Cats**  
Learn about the stars, planets, the Milky Way Galaxy, and the life of an astronaut. Learn about rockets and visit the Museum's Lohman Planetarium for an incredible show. Make a solar system diorama and a cool spaceship that will whisk you away to the stars and beyond.

1pm-4pm  
**Academy of the Seas**  
Become the next Jacques Cousteau and discover life under the sea. Learn about the sea life, both large and small, that make the ocean their home. The Museum has an impressive collection of underwater specimens to learn from. Learn about dolphins, shells, sharks, whales, and more in this fun hands-on class.

## 7, 8 and 9 Year Olds

### Week 1: June 13-17

9am-12pm  
**Time Scavenger**  
Learn about the fascinating world of fossilized animals from the past such as 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 through time and discover a world of ancient life.



1pm-4pm  
**Science Funtastic**  
Science is fun and fantastic! In this camp we will cover different sciences including physics, astronomy, paleontology, engineering, and more! Take a trip to the planetarium, Tusawilla Nature Preserve, and to the Prehistory of Florida Gallery. Learn about fossilized sharks, electrical circuits, magnetism, gravity, and more! Enjoy using our hands-on science kits to boost your knowledge!

### Week 2: June 20-24

9am-12pm  
**LEGO® Big Shot**  
Join the wonderful world of LEGOs and create dazzling sculptures, buildings, racecars, and many other sensational pieces. Use the Museum's impressive collection of over 200,000 LEGOs to construct your masterpiece. Visit the Museum's galleries, planetarium, and nature preserve to inspire your creations.

1pm-4pm  
**Planet Ocean**  
70% of the Earth is covered by Oceans, so dive right into this camp to learn about the wonders hiding beneath the surface! Learn about coral reefs, their bleaching crisis, and what that means for our planet. Dive into the darkness to discover what is lurking in the deepest parts of our oceans. Harness the power of the ocean and learn how to shape the future of our planet.

### Week 3: June 27-July 1

9am-12pm  
**Mission Space**  
Join Curator of Astronomy, Seth Mayo, and blast off through our solar system and into deep space to discover our amazing universe. Science experiments and hands-on experiences will boost your camper's confidence in STEM abilities. Take trips to the planetarium and venture to distant stars and planets. Learn what it is like being an astronaut living on the International Space Station and talk about the recent science discoveries and images from Mars.

1pm-4pm  
**Artology**  
Learn about art history from our museum's vast collection of art from around the world. Learn techniques of perspective, line, and color as you create your own landscape. Discover proper proportions to use when drawing faces, use mixed media to make an abstract piece, and let your imagination run wild! Learn about the history of pottery and make your own ceramic pot with geometric designs.

### Week 4: No Classes July 4-8

### Week 5: July 11-15

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. Play our very own version of Ancient Jeopardy!

1pm-4pm  
**Science Big Shot**  
Science is more important than ever. This class will give students a head start before the next school year! Get hands-on experience with electrical circuits, force and motion, astronomy, biodiversity, archaeology, and more. Take a trip to the planetarium and zoom through the outreaches of our universe. Learn about famous scientists and create your own conclusions.

### Week 6: July 18-22

9am-12pm  
**It's Rocket Science**  
Join Curator of Astronomy, Seth Mayo, and discover basic principles behind rocketry while constructing different types of simple rockets that you will launch! Learn about propulsion, aerodynamics, and the history of space travel in the Lohman Planetarium.

1pm-4pm  
**Chemistry Wiz**  
Through hands-on experiments, this class will help students' connect real-world situations to science. Learn what makes a volcano erupt or make your own bottle rocket using your knowledge of chemical reactions. Learn about the periodic table, food chemistry, chemical compounds, and more.

### Week 7: July 25-29

9am-12pm  
**Camp Cretaceous**  
Dinosaurs went extinct 65 million years ago, but we are bringing them back this summer to learn about all of the wonders that were buried for millions of years! Discover the cutting-edge science that helps paleontologists learn about how these ancient reptiles might 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.

1pm-4pm  
**LEGO® Empire**  
Over 200,000 LEGOs can make life just about perfect! Enjoy a build-off every day and create buildings, towns, planes, abstract structures, and other LEGO creations. Learn about the history of historic buildings and structures from all over the world and build your own version. Engineering, history, and science make for a perfect LEGO day!

### Week 8: August 1-5

9am-12pm  
**Wild About Wildlife**  
Discover the world around you and learn 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 Nature Preserve and gather your own natural history objects. Discover the biodiversity in your own backyard. There might just be some real animals that show up to class too!

1pm-4pm  
**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 planetarium to discuss the planets, stars, and galaxies shrouded by our atmosphere far beyond our view, and discover what secrets they might hold!

*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!*

## 10, 11, 12 and 13 Year Olds

### Week 1: June 13-17

9am-12pm  
**LEGO® Build-A-Thon**  
200,000 LEGOs 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 over the world and build your own version. Engineering, history, and science makes for a perfect LEGO day! Put your best piece on display in the Museum with your name on it. Enjoy group builds, competitions, and prizes. Take home your favorite creation.

1pm-4pm  
**Science Chaos**  
Science is everywhere and is more important than ever. Put your hands on our Van de Graaff Generator, classify fossilized shark's teeth, visit the planetarium and the giant ground sloth, and discover the Museum's science kits. Learn about physics, astronomy, paleontology, chemistry, geology, and more!

### Week 2: June 20-24

9am-12pm  
**Mad Professor**  
Science makes the world go round! Learn about a different science each day including paleontology, physics, astronomy, biology, and more. Your young scientist will learn through hands-on experiences the science of electricity through circuit boards, Newton's Laws, hands-on fossils, and more. Learn about astronomy through visits to the planetarium and explore the outer limits of the universe!

1pm-4pm  
**Anthropology Expert**  
If you like artifacts and ancient civilizations, 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 that ancient people used every day. Discover the tools, methods, and how archaeologists excavate sites.

### Week 3: June 27-July 1

9am-12pm  
**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.

1pm-4pm  
**Advanced Chess**  
Chess is so much fun and a great game to play throughout your life. Ready to advance your knowledge? Strategic play and problem-solving skills are highlighted in our higher-level chess camp for more seasoned players. Chess camp is a great way to boost your chess and thinking skills. It is also said to help with memory storage and how young brains manage information. The Museum is a great setting to advance your skills.

### Week 4: No Classes July 4-8

### Week 5: July 11-15

9am-4pm  
**Claymation Movie Making**  
animation, participants will create original Claymation productions. Discover the editing and production techniques that will inspire the budding animators of the 21st century. Learn how to sculpt, create soundtracks design titles, and use digital cameras to create your movie.

### Week 6: July 18-22

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  
**Classic Games**  
There are so many great games of skill, strategy, and reasoning. All of these games promote critical thinking but are also an absolute blast from the past! Your child will learn great games of skill and more by playing classic games like Chinese Checkers, Yahtzee, Dominoes, and even a few vintage computer games. Enjoy a classic games party on the final day!

### Week 7: July 25-29

9am-4pm  
**Short Movie Making**  
Learn to use digital effects and create wild and wacky videos. This one-of-a-kind class will teach your young film director how to create a storyboard, edit their film digitally, use digital video cameras, set up tripods, and create soundtracks using Garage Band. At the end of the week, the film students will have a red carpet premiere in the Root Family Auditorium.

### Week 8: August 1-5

9am-12pm  
**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 this class will create their own superhero or character and write their own adventures. The only limitation is imagination in this exciting class!

1pm-4pm  
**Sensational Science**  
In today's world, science is a must! Learn about circuits and create your own. Journey through the solar system in the planetarium, create chemical reactions, and learn about physics using the Museum's hands-on science kits. Have fun during the many STEM challenges that are offered in this fun and exciting camp. Each student will receive a National Geographic Earth Science kit donated by the Ross Family.

## Thank you to 2022 Summer Learning Institute Scholarship Sponsors:

Richard Cannizzaro and Nancy Nance

Daytona Beach Racing and Card Club

Florida Power and Light

Guild of the Museum of Arts & Sciences

Barbara Wilsey