



MUSEUM OF ARTS & SCIENCES

2017 SUMMER

LEARNING

INSTITUTE

JUNE 12 - AUGUST 4



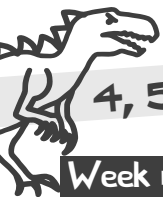
PROGRAM GUIDE &  
REGISTRATION FORM

For more information, please call  
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**MOAS**  
MUSEUM OF ARTS & SCIENCES

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## 4, 5 and 6 Year Olds

### Week 1: June 12 - 16

9am-12pm

#### Dinosaur Madness

One of our most popular classes is back! 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 like digging, sorting, and classifying real fossilized bones dating back millions of years. Students will make plaster casts of fossils to begin their own collections.

1pm-4pm

#### Art City

Paint, draw, and create art beyond your wildest imagination. Utilize the Museum's collection to explore art from around the world. Tour our fantastic art galleries, create animal portraits, and make a print on our printing press. Paint your own crazy art and have fun discovering the possibilities while developing your creativity.

### Week 2: June 19-23

9am-12pm

#### Life Under the Sea

The Museum has a massive collection of oceanic artifacts and specimens for your junior scientist to explore. Learn about shells from around the world, sharks, fish, coral, and more in this hands-on class. Sort and classify specimens and look at microscopic plankton. Learn why the ocean is important to life on Earth and become a great junior marine biologist!

1pm-4pm

#### I Want to Be a Scientist

Every child is a born scientist. Foster that interest by exploring multiple sciences such as chemistry, paleontology, or marine science. Begin the journey of science literacy with a variety of hands-on activities. Visit the planetarium to explore astronomy. Each day is a new opportunity to learn about our amazing world and universe.

### Week 3: June 26-30

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. Make prints, pottery, crazy art, finger paintings, and more!

1pm-4pm

#### A Pirate's Life for Me

Shiver me timbers and skedaddle! 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!

### No Classes July 3-7

### Week 4: July 10-14

9am-12pm

#### LEGO® Genius

Let's build cool stuff with the Museum's collection of over 120,000 LEGOs. Your imagination will run wild as you create cityscapes, futuristic vehicles, crazy sculptures, and more! This class will also explore other materials for making awesome things such as blocks, aluminum foil, and clay. LEGOs will allow your child to explore the basic concepts of engineering, design, balance, physics, and more!

1pm-4pm

#### Awesome Animals

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. Paint, draw, and sculpt your favorite animals. Learn how animals communicate, move, and how they acquire food. Visit the Museum's galleries and explore sight, sound, touch, smell, and taste through related activities.

### Week 5: July 17-21

9am-12pm

#### Science Mania

Science is all around us and every child is a born scientist. Discover the world of electricity, sound, matter, weather, and other important sciences. Make a fossil mold, visit the Planetarium, tour Tuscahill Preserve, and so much more. The Museum has many exhibits and hands-on science kits to help your child become a junior Einstein.

1pm-4pm

#### Symphony of the Five Senses

Help your child develop their senses in this one-of-a-kind hands-on class. We rely on our senses to provide information about the world around us. Students will use binoculars in the Tuscahill Preserve, analyze color in paintings, discover sounds, touch unique textures, and much more.

### Week 6: July 24-28

9am-12pm

#### Wild World of Art

Paint, draw, and create art beyond your wildest imagination. Utilize the Museum's diverse collections and exhibits to explore art from around the globe. Create portraits, prints, sculptures, crazy art, and draw really cool animals too!

1pm-4pm

#### Space Cats

Explore the life of an astronaut by learning about the stars, planets, and the Milky Way galaxy. Learn about rockets and visit the Museum's planetarium for an incredible show. Make a solar system diorama and a cool space ship that will whisk you away to the stars and beyond.

### Week 7: July 31-August 4

9am-12pm

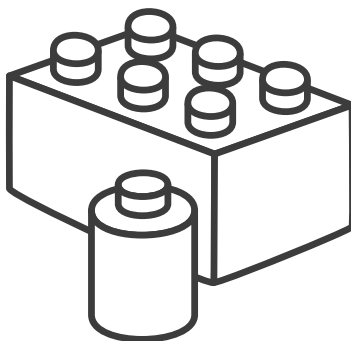
#### Really Big Things

Everyone loves big things, from longneck dinosaurs and pyramids to giant ships. Big things are all around us. Discover the science and history of awe-inspiring objects and try your hand at making something big! Take a tour through the Museum to see if you can spot really big things!

1pm-4pm

#### Science Giant

Calling all junior scientists! Explore the many different sciences that help improve our lives. Use our hands-on science kits to learn about sound, fossils, weather, astronomy, and more. Take a trip to the digital planetarium and learn about our solar system and beyond. Collect leaves from our nature preserve and make a fossil mold.



## 7, 8 and 9 Year Olds

### Week 1: June 12 - 16

9am-12pm

#### Fossil Quest

Travel back to prehistoric time and discover the amazing animals that lived from the Permian Period to the last ice age. Learn how to make casts of giant shark teeth and other animals from our selection of fossil molds. Discover the diversity of extinct life through our massive collection of fossils. Sort, sift, and classify your way to becoming the best junior paleontologist you can be!

1pm-4pm

#### LEGO® Empire

Let's build with LEGOs! Let your imagination run wild and create your own cityscape, futuristic vehicle, or abstract sculpture. Explore basic concepts of engineering, physics, design, and more! Discover the Museum's collection of over 120,000 LEGOs. Visit the Planetarium for a show and create your own LEGO spaceship. Build your own empire of LEGOs!

### Week 2: June 19-23

9am-12pm

#### Science Apprentice

Discover sciences such as biology, chemistry, physics, astronomy, and more in this hands-on science class. Work with electrical circuit boards, slime, and test out our Van Der Graaf generator. Visit the Planetarium for a tour through the universe and walk through Tuscahill Preserve to observe a rare ecosystem. Conduct your own experiments and learn about the sciences that makes the world a modern marvel. Learn from our many hands-on science kits and kick start your career in science.

1pm-4pm

#### Café MOAS: The Young Chef in Training

This one-of-a-kind class teaches basic food skills such as food preparation, table setting, food safety, and more. This hands-on class will help your child gain a joy and value of culinary arts by learning about healthy eating, food groups, and the science behind nutrition. Visit the Museum's café for a tour and learn valuable skills in the restaurant world. You could have a young-chef-in-training by the end of this class.

### Week 3: June 26-30

9am-12pm

#### Time Traveler

Back by popular demand! Join us for 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

#### Be Like da Vinci!

The Museum's fine art collection is world-class! Use this as your backdrop to paint, draw, construct, print, and create your own fantastic art. Visit the galleries, including the Cici and Hyatt Brown Museum of Art, and learn about masterpieces from all over the world.

### No Classes July 3-7

### Week 4: July 10-14

9am-12pm

#### CSI Volusia

Learn what it takes to become a criminal detective. Dust, identify, and learn the science of fingerprints. Figure out how to crack codes, crimes, and how to investigate a crime scene. Learn how the police investigate and use evidence to solve crimes and unravel mysteries.

### 1pm-4pm **Operation LEGO®s**

120,000 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. The combination of engineering, history, and science make for a perfect LEGO day!

### **Week 5: July 17-21**

#### 9am-12pm **Art Adventure**

Discover all of the forms of art that the Museum has to offer – from abstract to realism. Enjoy hands-on activities like painting, sculpture, and pottery. Try your talent at printmaking with our printing press and take museum tours to see collections from around the world. Meet with one of the curators and learn how the Museum works.

#### 1pm-4pm **Classic Games**

There are so many great games of skill, strategy, and reasoning. All of these games promote critical thinking but are 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 6: July 24-28**

#### 9am-12pm **"Welcome to Hogwarts"**

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

#### 1pm-4pm **LEGO® Master**

120,000 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. Visit the museum galleries and take a trip through the universe in our digital planetarium. The combination of engineering, history, and science makes for a perfect LEGO day!

### **Week 7: July 31-August 4**

#### 9am-12pm **LEGO® Enthusiast**

It's a party with music, DJ lights, and snacks. You are invited so let the fun begin! We have over 120,000 LEGOs in all shapes and colors. Become a budding engineer and create all types of cool LEGO creations like wacky sculptures, buildings, cars, and cityscapes. Participate in challenges, competitions, and group-builds in a fun and inspiring setting of music and light!

#### 1pm-4pm **The Nature of Things**

Discover the world around you and learn about nature from the Museum's extensive collection of specimens like insects, bones, teeth, and other objects. Take a collecting trip through Tuscawilla Preserve and collect your own natural history objects. Discover the biodiversity in your own backyard. End the week on Friday at Gamble Place in Port Orange to close out the class and explore the amazing ecosystems at this 200 acre preserve.

### 10, 11, 12 and 13 Year Olds

### **Week 1: June 12 - 16**

#### 9am-12pm **CSI Daytona Crime Lab**

Learn what it takes to become a criminal detective. Explore 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 **Art Fantastic**

Use the Museum's vast collection of art to draw inspiration for your own amazing masterpieces. Create landscapes, portraits, folk art, or crazy sculptures and practice your craft in the museum setting. Use a variety of media to strengthen and acquire confidence in your art skills.

### **Week 2: June 19-23**

#### 9am-4pm **Marine Science and History Outreach Program**

Join us for this combo class where we take history and marine science and combine them into one program. Discover the oyster beds and mangrove swamps of Rose Bay, learn about the biodiversity of the beach coastline at Ponce Inlet, discover marine life at Blue Springs, and more. Visit important historical sites like Fort Matanzas, Debary Hall, the ghost town of El Dora, and many others. Every day is a new adventure in this marine science and history camp setting at different locations teaming with biodiversity and human history. Join us for this unique hands-on adventure. Please note that this museum camp is an outreach program and students are transported to various locations by air-conditioned school bus. The schedule of site locations is dependent on weather and is subject to change.

### **Week 3: June 26-30**

#### 9am-4pm **Claymation Studio**

Join instructor Don Brunning, from Atlantic High School's Film Academy and on-going PBS Film Producer, and learn the basic skills, art, and computer science behind Claymation. Utilizing story boarding, set design, construction, and Claymation animation, participants will create original Claymation productions. Discover the editing and production techniques that will inspire your budding animators of the 21st Century. Learn how to sculpt, create soundtracks, design titles, and use digital cameras.

### **No Classes July 3-7**

### **Week 4: July 10-14**

#### 9am-4pm **Cell Phone and Go Pro Video Maker**

Join instructor Don Brunning, from Atlantic High School's Film Academy and on-going PBS Film Producer, and learn valuable film skills. Bring your cell phone, Go-Pro, or video recording device to make really cool short movies. Learn how to get your digital files into iMovie and create your own cinematic masterpiece. Learn how to shoot digital film, storyboard, act, script, edit, create titles, soundtracks, special effects, and more as you learn to develop skills for the 21st Century.

### **Week 5: July 17-21**

#### 9am-4pm **Marine Science Outreach**

Join Volusia County's Science Specialist, Louise Chapman, for an outreach like no other. Discover the oyster beds and mangrove swamps of Rose Bay, learn about the biodiversity of the beach coastline at Ponce Inlet, discover marine life at Blue Springs, and more. Every day is a new adventure in the marine sciences at a different location where life is teaming. Join us for this hands-on outdoor class. Please note that this museum camp is an outreach program and students are transported to various locations by air-conditioned school bus.

### **Week 6: July 24-28**

#### 9am-4pm **Short Comedy Movie Maker**

Join instructor Don Brunning from Atlantic High School's Film Academy and on-going PBS Film Producer. Use digital special effects to create wild and wacky videos. This one-of-a-kind class teaches the young film director how to create a storyboard, edit film digitally, use digital video cameras, set up tripods, and create soundtracks using Garage Band. On Friday, film students will have a red-carpet preview in the Museum's auditorium.

### **Week 7: July 31-August 4**

#### 9am-12pm **Science Apprentice**

Science is more important than ever. Acquire 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.

#### 1pm-4pm **Paleontology 101**

Become a paleontologist and discover the Museum's collection of thousands of fossils. Your young scientist will learn about dinosaurs, giant ground sloths, and other animals dating back millions of years. Sort, classify, and learn about the amazing extinct animals that once roamed the Earth. Take a tour of the Prehistory of Florida Gallery and discover the science behind the giant ground sloth.

## **Thank you to 2017 Summer Learning Institute Scholarship Sponsors:**

**Barbara Wilsey**

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**A one-hour supervised "bring-your-own lunch" break between morning and afternoon sessions will be provided 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!**

# EASY REFERENCE COURSE SCHEDULE

AGE GROUPS	JUNE 12-JUNE 16	JUNE 19-JUNE 23	JUNE 26-JUNE 30	JULY 10-JULY 14	JULY 17-JULY 21	JULY 24-JULY 28	JULY 31-AUGUST 4
4-5-6 Years Morning	Dinosaur Madness	Life Under the Sea	Paint, Print, Splatter	LEGO® Genius	Science Mania	Wild World of Art	Really Big Things
4-5-6 Years Afternoon	Art City	I Want to be a Scientist	A Pirate's Life for Me!	Awesome Animals	Symphony of Five Senses	Space Cats	Science Giant
7-8-9 Years Morning	Fossil Quest	Science Apprentice	Time Traveler	CSI Volusia	Art Adventure	Welcome to Hogwarts	LEGO® Enthusiast
7-8-9 Years Afternoon	LEGO® Empire	Cafe MOAS: The Young Chef in Training	Be Like da Vinci!	Operation LEGOs®	Classic Games	LEGO® Master	The Nature of Things
10-11-12-13 Years Morning	CSI Daytona Crime Lab						Science Apprentice
10-11-12-13 Years Afternoon	Art Fantastic						Paleontology 101
10-11-12-13 Years All Day		Marine Science and History Outreach Program	Claymation Studio	Cell Phone and Go Pro Video Maker	Marine Science Outreach	Short Comedy Movie Maker	

## Student Registration Form 2017

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

Additional registration forms and 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 4, 5 & 6

- ☐ Dino Madness \$80/\$90
- ☐ Art City \$80/\$90
- ☐ Life Under the Sea \$80/\$90
- ☐ I Want to be a Scientist \$80/\$90
- ☐ Paint, Print, Splatter \$80/\$90
- ☐ A Pirate's Life for Me! \$80/\$90
- ☐ LEGO® Genius \$80/\$90
- ☐ Awesome Animals \$80/\$90
- ☐ Science Mania \$80/\$90
- ☐ Symphony of Five Senses \$80/\$90
- ☐ Wild World of Art \$80/\$90
- ☐ Space Cats \$80/\$90
- ☐ Really Big Things \$80/\$90
- ☐ Science Giant \$80/\$90

### Programs Ages 7, 8 & 9

- ☐ Fossil Quest \$80/\$90
- ☐ LEGO® Empire \$80/\$90
- ☐ Science Apprentice \$80/\$90
- ☐ Café MOAS: Young Chef in Training \$80/\$90
- ☐ Time Traveler \$80/\$90
- ☐ Be Like da Vinci! \$80/\$90
- ☐ CSI Volusia \$80/\$90
- ☐ Operation LEGOs® \$80/\$90
- ☐ Art Adventure \$80/\$90
- ☐ Classic Games \$80/\$90
- ☐ Welcome to Hogwarts \$80/\$90
- ☐ LEGO® Master \$80/\$90
- ☐ LEGO® Enthusiast \$80/\$90
- ☐ The Nature of Things \$80/\$90

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

- ☐ CSI Daytona Crime Lab \$80/\$90
- ☐ Art Fantastic \$80/\$90
- ☐ Marine Science History/Outreach \$225/\$245
- ☐ Claymation Studio \$160/\$180
- ☐ Cell Phone & Go Pro Video Maker \$160/\$180
- ☐ Marine Science Outreach \$225/\$245
- ☐ Short Comedy Movie Maker \$160/\$180
- ☐ Science Apprentice \$80/\$90
- ☐ Paleontology 101 \$80/\$90

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 4pm - 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 12 - June 16 ☐ June 19 - June 23
- ☐ June 26 - June 30 ☐ July 10 - July 14
- ☐ July 17 - July 21 ☐ July 24 - July 28
- ☐ July 31 - August 4

### 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 \$ \_\_\_\_\_

Charge my: \_\_\_\_\_ Visa/MC \_\_\_\_\_ Discover \_\_\_\_\_ AMEX

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