



MUSEUM OF DISCOVERY AND SCIENCE CALENDAR OF EVENTS

September 8, 2018

(Additional photos available upon request)

Museum of Discovery and Science and AutoNation® IMAX 3D Theater

401 SW Second Street, Fort Lauderdale, Florida 33312

954-467-6637 or 954-463-IMAX (4629)

There is always something new happening at the Museum of Discovery and Science. Spend a day of discovery exploring hundreds of interactive exhibits including an outdoor Science Park. Visitors can take a ride on the Everglades Airboat Adventure, experience hurricane force winds in the Storm Center, dig for fossils alongside a giant prehistoric megalodon, get close to a confrontation between a saber-toothed cat and an Imperial mammoth, and enjoy the playful antics of North American river otters in their two-story indoor/outdoor habitat. See exciting science demonstrations and presentations by community experts. Discover the amazing Everglades in the Florida EcoScapes exhibit. Hang out with bats, turtles and sharks. Meet an alligator and be charmed by a 6-foot-long snake. Take a ride to Mars or soar through the skies in an FA-18 cockpit simulator. And immerse yourself in a six-story-high film adventure at the AutoNation® IMAX 3D Theater, home of the BIGGEST screen in South Florida featuring IMAX with Laser. Whether you're two or 82 visit the Museum of Discovery and Science and enjoy a full day of family fun.

IMAX with Laser now illuminating the AutoNation IMAX 3D Theatre

The science of cinema has been raised to the level of Magic at the AutoNation IMAX 3D Theatre now that IMAX with Laser is illuminating the six story screen by lasers. This new technology with dual 4K laser projectors has revolutionized the way we experience 3D films on the big screen. The new laser projector technology offers brighter images, intense colors, and incredible detail that will leave you in awe.

There's also a next-generation immersive 12-channel sound system featuring 114 speakers capable of 52,000 watts of digital sound. Whether it's a pin drop or feeling the heart-palpitating force of a volcano, audiences will experience a new kind of visceral sound experience.

IMAX with Laser is a blend of science and art to deliver a cinema experience that suspends disbelief and transports audiences to new worlds. It's the difference between watching a movie and being a part of one. The AutoNation IMAX 3D Theater is the only place in Florida where you can experience the power of IMAX with Laser.

More information here: http://www.mods.org/IMAX/Laser/4K%20Laser/4K_Laser.html

IMAX® FILMS – NOW SHOWING

CLASSIC DOCUMENTARY FILMS

BACKYARD WILDERNESS 3D

Now Showing through February 14, 2019

Backyard Wilderness will surprise and entertain viewers with the unexpected wonders of nature that are right under our noses-in our own backyards. Spanning a seasonal year around a suburban home, the film displays a stunning array of unique wildlife images and behavior-all captured by cameras mounted inside dens and nests, and moving along the forest floor and pond bottom, to reveal its inhabitants in rare and breathtaking intimacy. We follow Katie, a young girl, and her modern family living next to the woods that are blind to the real-life spectacle around them, absorbed by an array of electronic devices in their busy lives. Katie gradually discovers the intricate secrets that nature has hidden so close to her front door and we experience the joy she finds in her interactions with this new world. The film reminds us that Wi-Fi is not the only connection that matters and that sometimes in ordinary places, you can uncover extraordinary things that could transform you forever—you just need to step outside.

Images: <https://www.dropbox.com/sh/c6ysr8dtz97hbru/AABG3sZ5LdQZafdXQKCshb-Ba?dl=0>

PANDAS 3D

Now Showing through December 31, 2018

Join panda cubs raised in captivity in China as they learn to “go wild.” Using techniques learned in rearing orphan black bears, Chinese and American wildlife biologists team up to bring captive born pandas back to their natural habitat, work critical to saving native panda populations. Filmed on location in Chengdu, China and New Hampshire. Tickets available at the Box Office or by phone 954.713.0930.

Images:

<https://www.dropbox.com/sh/r2izmeqzedfdawp/AABmfrH8q3ZolFHfHfZkKhWda?dl=0>

CLASSIC DOCUMENTARY FILMS- COMING SOON

GREAT BARRIER REEF 3D

Opening October 5, 2018

Every year millions of visitors travel by way of fins, flippers and feet to see one of the seven wonders of the natural world: the Great Barrier Reef – a living treasure trove of biodiversity. There is still so much to learn and knowledge is the key to understanding more about this living Eden. A thriving metropolis populated by a cast of characters straight out of an adventure novel – heroes, bad guys, sidekicks, lovers and clowns – they’re all players in this vast underwater drama. Today, a new generation of reef guardians are committed to protecting this marine reserve, making a difference and sharing their knowledge of this extraordinary ecosystem, the beating heart of the reef. Learn how this amazing sanctuary has endured for thousands of years and will continue to do so far into the future.

Film website: <http://www.greatbarrierreeffilm.com/>

Images: <https://www.dropbox.com/sh/48qolhtyi77vwur/AAC97s-I-3WYaSacwZ5r57bGa?dl=0>

GREAT BEAR RAINFOREST 3D

Opening February 15, 2019

This beautiful giant screen film is about one of the rarest animals on Earth – the fabled all-white Spirit Bear. These remarkable creatures live in the lush temperate rainforests of British Columbia

on Canada's West Coast, where they hold almost mythic status among the region's indigenous people. Shot exclusively for the giant screen, GREAT BEAR RAINFOREST will offer a remarkable journey into one of the planet's most spectacular wildernesses – a land of wolves, grizzly bears, humpback whales, sea lions, sea otters and others – as it explores the secret world of the Spirit Bear. Filmmakers Ian McAllister and Jeff Turner and executive producer Kyle Washington and Byron Horner of Spirit Bear Entertainment are partnering with MacGillivray Freeman Films on this cinematic journey.

Website: <http://macgillivrayfreeman.com/project/great-bear-rainforest/>

SUPERPOWER DOGS 3D

Opening April 19, 2019

Join an immersive IMAX® adventure to experience the life-saving superpowers and extraordinary bravery of some of the world's most amazing dogs. In this inspiring true story, our best friends are also real-life superheroes. Journey around the globe to meet remarkable dogs who save lives and discover the powerful bond they share with their human partners. Follow Halo, a rookie puppy training to join one of the most elite disaster response teams in America, that is part of the Miami-Dade Fire Rescue team. Meet Henry, an avalanche rescue expert in the Canadian Rockies, Reef, a Newfoundland lifeguard with the Italian coastguard, Ricochet, a Californian surf legend helping people with special needs, and the Bloodhound brothers, Tipper & Tony, who are leading the fight to save endangered species in Africa. As we discover the incredible abilities of dogs and the astonishing science behind their superpowers, we'll never look at our best friends the same way again!

Film Website: <https://superpowerdogs.com/>

HOLLYWOOD FULL-LENGTH FEATURE FILMS – COMING SOON

THE NUN: THE IMAX 2D EXPERIENCE®

Now Showing through September 13, 2018

Vatican officials send a priest and a novitiate to investigate the suicide of a young nun in Romania. They soon find themselves in a fight for their lives when they encounter a demonic force that takes the shape of a nun.

Images:

<https://www.dropbox.com/sh/9zn69mg6s8xbhph/AABoAIEvQhWvMNXw4mgxEq3ga?dl=0>

Trailer: <https://www.youtube.com/watch?v=pzD9zGcUNrw>

THE PREDATOR: THE IMAX 2D EXPERIENCE®

September 13-20, 2018

From the outer reaches of space to the small-town streets of suburbia, the hunt comes home. The universe's most lethal hunters are stronger, smarter and deadlier than ever before, having genetically upgraded themselves with DNA from other species. When a boy accidentally triggers their return to Earth, only a ragtag crew of ex-soldiers and a disgruntled science teacher can prevent the end of the human race. From Director Shane Black (Iron Man 3) and starring Boyd Holbrook, Olivia Munn and Jacob Tremblay.

Trailer: <https://youtu.be/WaG1KZqrLvM>

Images: <https://www.dropbox.com/sh/bpj2oc2angfmhia/AACctOB1zrAc4P6v66TB5Miea?dl=0>

THE HOUSE WITH A CLOCK IN ITS WALLS: THE IMAX 2D EXPERIENCE®

September 20 – October 4, 2018

Featuring “Michael Jackson’s Thriller 3D” 14-minute short film!

Michael Jackson’s Thriller 3D: Exclusively in IMAX, experience “Michael Jackson’s Thriller 3D” 14-minute short film remastered from the original 35mm film negative from Michael’s archives and converted to 3D using the latest available technology. Playing before all House with a Clock in Its Walls shows, first week only. [Watch this preview](#) for more information.

The House with a Clock in Its Walls Synopsis: Jack Black and two-time Academy Award® winner Cate Blanchett star in The House with a Clock in Its Walls. The magical adventure tells the spine-tingling tale of 10-year-old Lewis (Owen Vaccaro) who goes to live with his uncle in a creaky old house with a mysterious tick-tocking heart. But his new town’s sleepy façade jolts to life with a secret world of warlocks and witches when Lewis accidentally awakens the dead. Based on the beloved children’s classic written by John Bellairs and illustrated by Edward Gorey. This film is rated PG.

Images:

https://www.dropbox.com/sh/aocoxv7pmxbcet4/AACm2J_fqWfBVGB9htI6hmvva?dl=0

Trailer: <https://www.youtube.com/watch?v=oQGA42-U0Ro>

VENOM: THE IMAX EXPERIENCE®

October 4-11, 2018

One of Marvel’s most enigmatic, complex and badass characters comes to the big screen, starring Academy Award® nominated actor Tom Hardy as the lethal protector Venom. Starring: Tom Hardy, Michelle Williams and Riz Ahmed.

Images: https://www.dropbox.com/sh/pjvw0hcjz48c8s5/AABPnSR-7hVqe_-T0vp7JgrRa?dl=0

Trailer: <https://www.youtube.com/watch?v=u9Mv98Gr5pY>

FIRST MAN: THE IMAX 2D EXPERIENCE®

October 11-25, 2018

On the heels of their six-time Academy Award®-winning smash, La La Land, Oscar®-winning director Damien Chazelle and star Ryan Gosling reteam for Universal Pictures’ First Man, the riveting story of NASA’s mission to land a man on the moon, focusing on Neil Armstrong and the years 1961-1969. A visceral, first-person account, based on the book by James R. Hansen, the movie will explore the sacrifices and the cost—on Armstrong and on the nation—of one of the most dangerous missions in history.

Written by Academy Award® winner Josh Singer (Spotlight), the drama is produced by Wyck Godfrey & Marty Bowen (The Twilight Saga, The Fault in Our Stars) through their Temple Hill Entertainment banner, alongside Chazelle and Gosling. Isaac Klausner (The Fault in Our Stars) executive produces. DreamWorks Pictures co-finances the film.

The IMAX release of First Man will be digitally re-mastered into the image and sound quality The IMAX Experience® with proprietary IMAX DMR® (Digital Re-mastering) technology. The crystal-clear images, coupled with IMAX's customized theatre geometry and powerful digital audio, create a unique environment that will make audiences feel as if they are in the movie. This film is not yet rated.

Trailer: <https://www.youtube.com/watch?v=nx5uYGjA8>

Images: <https://www.dropbox.com/sh/i4zo0aoxihxsxvc/AADKn0zY1dfKqaJ9I-EdGxw3a?dl=0>

BOHEMIAN RHAPSODY: THE IMAX 2D EXPERIENCE®

November 1-8, 2018

A chronicle of the years leading up to Queen's legendary appearance at the Live Aid (1985) concert. Starring: Rami Malek, Joseph Mazzello and Mike Myers.

Trailer: <https://www.youtube.com/watch?v=mP0VHJYFOAU>

THE GRINCH: THE IMAX 2D EXPERIENCE®

November 8-15, 2018

A grumpy Grinch plots to ruin Christmas for the village of Whoville. Starring: Benedict Cumberbatch.

Trailer: <https://www.youtube.com/watch?v=vjnjABgxfO0>

Images: <https://www.dropbox.com/sh/vgfprm359x3ml0r/AAB8QjPEUHx9KeVOHnxsEymoa?dl=0>

FANTASTIC BEASTS: THE CRIMES OF GRINDELWALD THE IMAX EXPERIENCE®

Opening November 15, 2018

Magizoologist Newt Scamander joins forces with young Albus Dumbledore to prevent the devious Gellert Grindelwald from raising pure-blood wizards to rule over all non-magical beings. Starring: Eddie Redmayne, Katherine Waterston and Dan Fogler. This film is not yet rated.

Images: https://www.dropbox.com/sh/5k85bcdg40aqd4v/AABEO-tH4IWBjuW_Gecaq9Hga?dl=0

Trailer: <https://www.youtube.com/watch?v=k6drGFRPmFI>

AQUAMAN: THE IMAX EXPERIENCE®

Opening December 20, 2018

Arthur Curry learns that he is the heir to the underwater kingdom of Atlantis, and must step forward to lead his people and to be a hero to the world. Starring: Amber Heard, Jason Momoa, Nicole Kidman. This film is not yet rated.

Poster Image:

<https://www.dropbox.com/sh/vn8nh4phre0xq76/AADuJSHECcY2VwHdHpu2elZ5a?dl=0>

TRAVELING EXHIBIT- COMING SOON

EUREKA! THE SCIENCE OF ARCHIMEDES

September 15, 2018 – January 7, 2019

Eureka! The Science of Archimedes lets you explore the mind of Greek scholar, Archimedes of Syracuse, whose discoveries transformed the fields of mathematics, science and engineering. The exhibit features more than 60 exhibits and replicas of Archimedes' machines from the Museum of Leonardo da Vinci in Florence, Italy. The Science of Archimedes exhibition is curated into four themes: Machines of the Ancient World, Energy Machines, The Power of Shapes' and Archimedes' Legacy. Sponsored locally by SunTrust Foundation and the Museum's official transportation partner, Brightline.

Machines of the Ancient World Visitors can use the ancient legendary machines associated with Archimedes' life such as the ballista, and the iron-hands and burning mirrors used for sinking ships, as well as machines for building the great Pyramids of Egypt.

Energy Machines These ancient machines were designed to work with the energy of gravity, wind flow, water flow and solar rays. Also learn about ancient holograms, huge dishes for sound propagation, the lost lighthouse of Alexandria and the secret behind Archimedes' mechanical paradox in which objects roll up hill.

The Power of Shapes Archimedes' mastery of geometry allowed him to create practical technology that revolutionized his world. In this section, visitors can have fun with geometry, solve puzzles and use the building blocks of the third century.

Archimedes Legacy Archimedes' lasting impact can be clearly seen through the examination of the legends of science who studied his writings and took his ideas further. In this section, we delve into the works of the two most notable scientists influenced by his work: Leonardo da Vinci and Galileo Galilei.

Images: <https://www.dropbox.com/sh/ps84jvr5btu86o9/AAAMu8uQgjEshHYb8kCpDszpa?dl=0>

DESIGN! BUILD! PLAY! KEVA!

New Permanent Exhibit Opens November 10, 2018

Design! Build! Play! KEVA! is a wonderful new exhibit recently added to the Museum of Discovery and Science. This exhibit allows visitors to think and create in three dimensions.

They can work together to unravel physics challenges using principles of balance, geometric shapes and stability to engineer and build creations with structural integrity. The exhibit blends an art gallery and a science lab to create a perfect location to design and invent. Sponsored by the Miniaci Family.

Images: https://www.dropbox.com/sh/pc85sqyvaj1s4wb/AABytwPV-S20_VILjx3SU0ifa?dl=0

DESIGN ZONE

January 19 – April 28, 2019

Discover that math isn't just a subject in school—it's a fundamental, creative tool that artists and

engineers use to design and invent! Design Zone highlights the relationship between mathematical thinking and the creative process in art, music, and engineering. Visitors solve real-world challenges. Design Zone is organized into three interactive thematic areas. Each thematic area draws visitors into real-life scenes of music production, video game development, and extreme sports that directly and experientially relate mathematical concepts.

More exhibit information:

<https://omsi.edu/sites/all/FTP/files/travelingexhibits/DesignZoneexhibitdescription.pdf>

HALL OF HEROES

May 18 – September 2, 2019

“Hall of Heroes” brings guests into the world of superheroes, crime-fighters, gadgets and spies through immersive experience. As soon as visitors enter the “Hall of Heroes,” they immediately find themselves in the thick of the action in an ambitious, custom-built space. Their journey takes them through several themed environments with surprises around each corner.

- Movie prop-quality photo opportunities, including an authentic George Barris-built 1966 Batmobile
- Challenging, highly engaging interactives - intriguing, informative displays with props, costumes and more
- Fun, fascinating history and memorabilia

Images:

<https://www.dropbox.com/sh/9le2tz9pu3u4y4m/AABaKE7mW2njbwjZW1tdMZOia?dl=0>

SCIENCE PARK

Now Open

Kids, school groups, and parents can enjoy the fresh air and safe surroundings of the Science Park as they continue their exploration of the Museum outdoors. Giant full-body exhibits will demonstrate key principles of physics and engineering while also providing entertainment and group interaction. Visitors will explore together and experiment with basic principles of the physical world and come to intuitive understanding of how they work. The Museum of Discovery and Science is committed to enhancing the pipeline of today’s youth toward STEM knowledge and careers. The Science Park is a key element in this vision.

Science Park Interactive Exhibits

Ball Range - Bottle Rockets - Cool Fan - Giant Levers – Kaleidoscopes – Pulleys –

Roller Coaster – FPL SolarNow™ - Sound Station - Sun Spotter - Tennis Ball Launcher –

The Forest - Wheel Roll

Images: <https://www.dropbox.com/sh/t8rwzxxv9fp64v9w/AABe6jIDQvF3r9HGTNhTg8nea?dl=0>

Virtual Field Trip: KidVision <https://www.youtube.com/watch?v=V2xznUPDhmo>

PERMANENT EXHIBITS

EcoDiscovery Center

Visitors can take a ride on the Everglades Airboat Adventure, experience hurricane force winds in the Storm Center, dig for fossils alongside a giant prehistoric megalodon, get up close to a confrontation between a saber-toothed cat and an Imperial mammoth, learn about protecting and conserving the Everglades and Florida's natural resources, and follow the natural path water takes through Florida. Visitors can learn about Florida mammals while enjoying the playful antics of North American river otters in their two-story indoor/outdoor habitat. The second floor also features the Mangurian Foundation Lifelong Learning Center with four labs and the 100-seat Keller Science Theater with comfortable seating and technical features to support lectures, exciting science demonstrations, and presentations by community experts.

Wall of Wind

In partnership with the Museum of Discovery and Science, the International Hurricane Research Center at FIU with the support of Florida's Department of Emergency Management developed an exhibit about hurricanes. Prepare to be blown away by this new exhibition! Visitors can construct a house and test its strength against a storm. A monitor in the exhibit will feature video of the real Wall of Wind in action and its effect on different structures and building materials.

Images: <https://www.dropbox.com/sh/tygppd2l96h5lkc/AAA2hu3Cqar3r5h0kCpn0o-Aa?dl=0>

To Fly – Aviation

Aviation enthusiasts of all ages will have a blast exploring the many interactive displays in the Museum of Discovery and Science's refreshed aviation station, *To Fly*. This interactive exhibit immerses visitors in aviation technology. By exploring different areas within the exhibit, visitors can learn about controlled flight, fundamentals of flight, navigation, and the materials used to build planes. Then visitors can take flight in the 7D-multi-sensory theater capsule featuring moving seats, high definition 3D film and other special effects. The exhibit has been made possible by a generous gift from the Emil Buehler Perpetual Trust.

Images:

<https://www.dropbox.com/sh/viim43qlbb5pude/AAAgtpSxEtWLHJDC9IirRuCMa?dl=0>

MaxFlight Full Motion Simulator

Aviation Station also adds the state-of-the-art MaxFlight full motion simulator. With 360 – degree pitch, roll and spin technology, visitors will be able to experience adrenaline-filled aerial races and stunt flying! Note: You must be at least 48" tall to ride the MaxFlight motion simulator.

Clyde Butcher Photography Exhibit

Visitors and photography aficionados can enjoy the new permanent Clyde Butcher exhibit made possible by a generous donation from the collection of Jim and Lisa Dobson. Clyde Butcher is a nationally recognized conservationist who uses his breathtaking photography to help preserve natural environments throughout the nation.

- *Pepperwood*, California Redwood Forest
- *Deer Creek*, Utah
- *Beaver Pond*, Rocky Mountain National Park, Colorado
- *Ochopee*, Florida

- *Escalante 1*, National Monument, Utah
- *Loxahatchee River 14*, Southeast Florida (on loan from Clyde Butcher)

POWERFUL YOU! Presented by Broward Health

Powerful You!, presented by Broward Health, features zones: Powerful Team, Powerful Pulse, Powerful You, Powerful Lungs, and The Cutting Edge, highlighting the amazing miracle of your body and the tools used by health professionals to keep you healthy! Visitors will be able to use robots to conduct simulated surgery, drive a DUI simulator, learn all about the importance of the “golden hour,” learn how to stay heart healthy and test their flexibility, balance and heartbeat.

POWERFUL LUNGS

Did you know you can survive for a few days without water, a few weeks without food, but only a few minutes without oxygen? The lungs are one of the most important organs in the body. They supply the body with the oxygen it needs to function properly. This new exhibit will teach visitors about the anatomy and physiology of the lungs and about the importance of keeping your lungs healthy. Visitors will learn about how their choices will impact lung performance. They will also learn how smoking, COPD, asthma, and pneumonia impact lung function. This exhibit is in honor of Catherine A. Yardley, who played a key role in the founding of the Museum in the 1970’s.

Images:

<https://www.dropbox.com/sh/q2n4cbuupcygut7/AAAMmcigZk20eSefRaqHGEmta?dl=0>

GO GREEN! Sponsored by, Republic Services, Inc.

Ever wonder where your waste goes after the garbage truck takes it away? Harry the Heap, the recycling robot, knows and is excited to show you the importance of recycling, safe waste disposal, and the science behind landfills. Come explore with Harry as he guides visitors in learning what “Going Green” really means. In Go Green! guests will discover how to recognize the right materials for recycling, ways to reduce household waste and to be familiar with new sources of clean energy.

MINERALS ROCK! Building Blocks of the Universe

Learn more about minerals in this beautiful and colorful exhibit that displays over 60 different types of minerals and rocks. Did you know minerals are the building blocks of the entire universe? The iron in hematite, in spinach and in our blood’s hemoglobin is all the same --- just like the calcium in sea shells, in milk and in our bones are all the same. Did you know some rocks glow in the dark? See pyrite or fool’s gold, opal, copper, malachite, halite, quartz, azurite, and sulfur, just to name a few! You will even be able to touch real lava and make a “volcano” erupt to see how new rocks and land masses are formed! The specimens in this display were provided by the Carol Jacobs Mineral and Ammonite Collection from the Broward College Graves Museum Collection.

HURRICANE ANDREW DISPLAY

Hurricane Andrew Display commemorates the 25th anniversary of Hurricane Andrew, which made landfall near Homestead in the early morning of August 24, 1992. This display, sponsored by the Florida Division of Emergency Management and Florida International University’s International Hurricane Research Center, includes insight and statistics of this major Category 5

Storm and iconic pictures of its devastating effects across Miami-Dade County and details its impact across South Florida.

GREAT GRAVITY CLOCK sponsored by Jim and Jan Moran/JM Family Enterprises

The Great Gravity Clock stands at 52-feet tall and is the biggest kinetic energy sculpture in Florida. Located in the Museum’s grand atrium since 1993, this unique timepiece is only one of three in the world. The other two are in Mexico and Japan. On April 6, 2017, Museum of Discovery and Science visitors were able to watch the Great Gravity Clock in action again thanks to generous donations from JM Family Enterprises, Inc. and The Jim Moran Foundation that funded a complete exhibit restoration.

POWER ON! Sponsored by FPL

New exhibit, Power On!, allows Museum visitors to experience electricity in an entirely new way! In this highly interactive animated experience, they can role play as a decision maker “directing” FPL power restoration specialists who are working to restore power safely while also learning how FPL responds to hurricanes.

SPECIAL EVENTS

Sprouting STEM - Growing Up Great is inspired by the PNC Grow Up Great® Lesson Center, an early childhood education resource that helps enhance hands-on arts and science learning for young children. The programs, for children ages 3-7, are scheduled at 10:15 a.m. on Mondays, Wednesdays and Fridays in the Museum’s Discovery Center and are included with regular exhibits admission.

September 10, 12, 14, 2018	Tinkering with Magnets
September 17, 19, 21, 2018	Butterflies & Caterpillars
September 24, 26, 28, 2018	What’s in the Sky?
October 1, 3, 5, 2018	Marble Mazes
October 8, 10, 12, 2018	Walk, Swim, or Fly
October 15, 17, 19, 2018	Parts of a Plant
October 22, 24, 26, 2018	Camouflage Fun
October 29, 31, November 2, 2018	Butterflies & Caterpillars
November 5, 7, 9, 2018	Marble Mazes
November 12, 14, 16, 2018	Tinkering with Magnets
November 19, 21, 23, 2018	Camouflage Fun
November 26, 28, 30, 2018	Parts of a Plant
December 3, 5, 7, 2018	What’s in the Sky
December 10, 12, 14, 2018	Let’s Make Music
December 17, 19, 21, 2018	Walk, Swim or Fly
December 24, 26, 28, 2018	Butterflies & Caterpillars
December 31, January 2, 4, 7, 2018	Tinkering with Magnets

Eureka! The Science of Archimedes Opening Weekend
September 15 & 16, 2018

Exhibit Tours

1:00 p.m. • 2:00 p.m. 3:00 p.m. • 4:00 p.m.

Archimedes Screw

Observe water traveling up instead of down in this unique table talk.

Density Experiments

Watch as we construct multiple density tubes using everyday items.

Float your Boat

Compete to build a boat with “top secret material” and see how much weight their boat can hold before it sinks.

Images: <https://www.dropbox.com/sh/ps84jvr5btu86o9/AAAMu8uQgjEshHYb8kCpDszpa?dl=0>

MODS & Fort Lauderdale Beach Cleanup

September 29, 2018 7 a.m. to 11 a.m.

Fort Lauderdale Beach, 300 S. Fort Lauderdale Beach Blvd at A1A and E. Las Olas Blvd
RSVP online www.volunteercleanup.org click on “MODS Beach Cleanup” event

The beach cleanup will include cleaning supplies and refreshments. All you have to do is bring a reusable water bottle, sunscreen, bug spray, a hat, comfortable beach clothes and closed toed shoes. If needed, volunteer service hours will be given.

Images:

https://www.dropbox.com/sh/achsd5jymw8bzvu/AAASizQ7e3mGEV_kVJXH4Xnra?dl=0

Great Barrier Reef Opening

October 6 & 7, 2018

Coral Reef Explorers Carnival Cart Demonstrations

Float Your Boat 12:00 p.m. & 2:00 p.m.

Squid Dissections 1:00 p.m. & 3:00 p.m.

Ocean Rescue Rangers

11:30 a.m. • 1:30 p.m. • 3:30 p.m.

We will learn all about the coral reef food web, the animals that call it home, and how you can protect it.

Horseshoes and Hermits

Visit our Touch Tank throughout the day and get hands-on with the animals that call our beaches home.

Images: <https://www.dropbox.com/sh/48qolhtyi77vwur/AAC97s-I-3WYaSacwZ5r57bGa?dl=0>

First Man Opening Weekend Activities
October 13 & 14, 2018

Moon Craters

Make your own craters as you discover why the Moon has so many craters and Earth has only a few.

Moon Rockets

Design and create your own rocket then launch it and shoot for the Moon!

Phases of the Moon

Learn about these phases of the Moon and why we cannot always see it.

Images: <https://www.dropbox.com/sh/i4zo0aoxihxsxvc/AADKn0zY1dfKqaJ9I-EdGxw3a?dl=0>

National Chemistry Celebration
October 27, 2018

Celebrate National Chemistry Week at the Museum of Discovery and Science!

This year's theme is "Outer Space." We will be learning about the chemistry of outer space with a number of hands-on experiments and chemistry activities with members of the American Chemical Society and the students of St. Thomas University.

National Institute for STEM Education Chemistry

Stop by our NISE Chemistry kits table and enjoy some more chemistry based experiments that will surely wow you!

Images:

https://www.dropbox.com/sh/im7j2xs4jfi9xmh/AAABFNX5gv2_llVAyYWLYYjra?dl=0

New Exhibit: KEVA Grand Opening Weekend!
November 10 – 12, 2018

Bridges Competition

12:30 p.m. and 2:30 p.m.

Construct a bridge with KEVA planks that can hold the most weight.

Tallest Tower

Use your engineering skills to create the tallest tower with a limited amount of KEVA planks. Be careful that it does not topple over!

KEVA Relay

1:30 p.m. and 3:30 p.m.

Complete our obstacle course while keeping your KEVA planks balanced.

Sculptionary™

Get your team ready as one teammate builds an object while the others guess what the object is. Be the first to guess correctly and win the round!

Images: https://www.dropbox.com/sh/pc85sqyvaj1s4wb/AABYtwPV-S20_VILjx3SU0ifa?dl=0

Fantastic Beasts: The Crimes of Grindelwald Opening Weekend

November 17 – 18, 2018

Disillusionment Charm

Learn which animals at the Museum use this spell in the wild when trying to conceal themselves from predators.

Iridescence

Just like the Thunderbird from Fantastic Beasts discover what causes iridescence and why it is so important to these animals.

Animal Encounters

12:30 p.m., 2 p.m., & 4 p.m.

Get up-close-and-personal with the Museum's own "Fantastic Beasts!"

Endangered Species Show

1:15 p.m. and 3:15 p.m.

Learn about the different species of the fantastic, yet endangered animals, that call the Museum home.

Wizard Costume Contest

1:00 p.m.

Wear your very best Wizard costume and compete for prizes. No invisibility cloaks, please.

Images: https://www.dropbox.com/sh/5k85bcdg40aqd4v/AABEO-tH4IWBjuW_Gecaq9Hga?dl=0

Makerspace: Archimedes Workshop

November 23 – 25, 2018

Sundial

Create a sundial, a device that tells the time of day using the Sun.

Pinwheel

Use the wind's energy to turn the blades while you learn how this invention helps create renewable energy in the real world.

Marshmallow Launcher

Aim your marshmallow towards your target as you use a catapult invention as your launcher.

Community Partners | Broward Chess Club

Learn how to play or checkmate local professionals

September 1, 15, 22, 29, 2018

October 13 & 27, 2018

November 3 & 17, 2018

Images: <https://www.dropbox.com/sh/mknydoj2djb0n7q/AACnWAcHpzpldw3cj0RtSsqa?dl=0>

DISCOVERY AFTER DARK

Science of Beer

Thursday, November 8, 2018 6:30 p.m. – 9 p.m.

Join us for the first museum adults-only night. Meet curious minded people, explore hundreds of hands-on exhibits, and participate in science activities all while enjoying food and adult beverages that will be available for purchase.

Brewing is a combination of art and science and great brewers are blessed with a little of both. Enjoy tastings from local breweries that have mastered the art and science of craft beer, learn how to achieve a winning beer pong trajectory and how smell influences taste through hands-on demonstrations and experiences.

\$20 Museum Members • \$25 Non-Members Includes one drink ticket, exhibit exploration, science demonstrations. All attendees must be 21+. IDs checked at door.

For tickets call 954.713.0930 or visit <https://mods.org/programs/discovery-after-dark/>.

Special thanks to our sponsors Grateful Palate Catering & Events and Shooters Waterfront that will have drinks and lite bites available for purchase.

Flyer:

<https://www.dropbox.com/s/i8u8f0cwfkhsav/Discovery%20After%20Dark%20Science%20of%20Beer%209.7.18%20%281%29.pdf?dl=0>

STEM CENTER FOR EDUCATION AND CAREER DEVELOPMENT

Museum of Discovery & Science APP

Now Available

In partnership with United Way of Broward County, the Museum of Discovery and Science has launched its new Museum app. The app was created by Broward County high school students as part of APP-titude, a two-year internship for high school juniors and seniors.

The free Museum of Discovery & Science app is available in the app store for both Android and Apple platforms. The app allows guests to explore ten exhibit areas in the Museum (Discovery Center, EcoScapes, Go Green, Storm Center, Prehistoric Florida, Otters at Play, Gems and Minerals, To Fly, Powerful You, Gizmo City) and includes augmented reality and video experiences. In addition, the app provides information on the Museum experience and IMAX, including a virtual tour. The overall design and launch of the app was supported by Daruma Tech.

APP-TITUDE INTERNSHIP PROGRAM

Two-year Internship for H.S. Juniors beginning Fall 2018

Information Session: September 12, 2018 at 5:30 p.m. to 6:30 p.m.

Broward County High School Incoming Juniors

• Gain Volunteer Service Hours

- Learn Coding
- Develop Apps for Android
- Stipends for Completion of Program
- Explore Engineering and Computer Science Careers

Application Deadline: October 5, 2018.

For more information email: stem@mods.net

Informational Flyer: <https://www.dropbox.com/s/y1t9caqbk15xcug/2018%20App-titude%20E-flyer%205.8.18.pdf?dl=0>

AVIATION ACADEMY 2019 FOR HIGH SCHOOL STUDENTS

Program Dates: January 12, 19 & 26, 2018

The Museum of Discovery and Science is partnering with JetBlue to highlight the importance of STEM in the aviation industry. Students will be exposed to new technologies and research including behind-the-scenes access to restricted areas in aviation related facilities.

Field Trips to JetBlue Airlines, Fort Lauderdale/Hollywood International Airport, and Civil Air Patrol.

Participant Fees \$200 for Museum members and \$225 for non-members.
Call 954.713.0930 to make a reservation.

SOCIAL EVENTS

**Leonardo Da Vinci Society Upcoming IMAX Film Event: First Man
Friday, October 11, 2018 at 5:30 p.m.**

The premiere of “First Man” about the life of Neil Armstrong. There will be a guest speaker: Peter Chitke, NASA Engineer. Seating is limited to the first 50 reservations and will be filled on a “first come – first served” basis. Please contact Karen Drumheller at 954.713.0906 or karen.drumheller@mods.net to make your reservations now!

**MODS Gala: An Evening in the South Pacific
Saturday, October 20, 2018**

6 p.m. – 8 p.m. Cocktail Reception and Silent Auction

8 p.m. - 11:30 p.m. Dinner and Live Auction

An Evening in the South Pacific presented by PNC Bank will honor Ronald L. Book with the 2018 Community Leadership Award for his commitment to the Museum and community at large. Guests will experience an exciting evening complete with a high-energy cocktail reception, impressive live and silent auctions, dinner and dancing. Current sponsors include PNC Bank, American Marketing & Management, BB&T, Bank of America, BankUnited, BECON TV, Berkowitz Pollack Brant, Brown and Brown Insurance, Carnival Foundation, Centuric, City Furniture, City National Bank, Doubletime Digital, Ellis Diversified, Florida Community Bank, Florida Power & Light Company, GL Homes, Go-Tilt, Grant Thornton, LLP, Greenberg Traurig, Gunster, Hudson Family Foundation, JetBlue, JM Family Enterprises, Jonathan Robertson, JP Morgan Chase Bank, Leo Goodwin Foundation, Lochrie & Chakas, PA, Miami Dolphins, Miami Project to Cure Paralysis, Motorola Business Solutions, National Jets, Northern Trust Bank, Publix Super Market Charities, Ronald L. Book, RV Retailer, LLC, Southern Glazer’s Wine & Spirits, Stiles Corporation, Total Wine & Spirits, and Wells Fargo. All proceeds will benefit the

Museum's mission to provide experiential pathways in lifelong learning in science for children and adults. For more information about this year's event including tickets, sponsorship opportunities, program ads and donations please contact Hillary Wallace at 954.713.0918 or hillary.wallace@mods.net.

24th Annual Bank of America Wine, Spirits & Culinary Celebration Friday, March 15, 2019

Showcasing over 40 of South Florida's premier restaurants and over 100 wines, spirits and craft beers from around the world! Guests receive a complimentary wine and enjoy a silent auction and can dance at the after party.

Grand Tasting Admission 6:30 p.m. to 10:00 p.m.

V.I.P. Platinum Admission 5:30 p.m. to 10:00 p.m.

For questions or sponsorship information, please contact Hillary Wallace at hillary.wallace@mods.net or 954.713.0918.

PARTY AT THE MUSEUM – FACILITY RENTALS

Entertain your guests in the most unique event venue in South Florida by reserving the Museum of Discovery and Science exclusively for your next private gathering. Spanning two floors the Museum features over 200 dynamic exhibits including live animals. Whether it's a holiday party, dinner, awards banquet, wedding or picnic, groups from 25 to 3,000 will find an exciting indoor and/or outdoor setting to create a successful event. The possibilities are limited only by your imagination. From sophisticated splendor to casual fun, our experienced event planning staff will assist you in creating an innovative event that is tailored to your group's specific needs. **Call 954.713.0915 or email sales@mods.net.**

CAMP DISCOVERY

Camp Discovery is designed to give children ages 6-12 entire days filled with exploration and hands-on learning. One-day and five-day camps are offered. Camp runs from 9 a.m. to 5 p.m. (before and after care is available). Camp fee includes all workshop materials and chaperoned exhibit exploration. Children should bring two snacks, lunch and a drink. The Subway Café is available as a lunch option. Call 954.713.0930 to register.

One-day camps are \$50 for museum members and \$55 for non-members.

Three-day camps are \$150 for museum members and \$175 for non-members.

Five-day camps are \$200 for museum members and \$225 for non-members.

All camps include an exciting IMAX® Film Adventure.

One-Day Camp Adventures

Incredible Edibles

September 19, 2018

Explore how chemistry, biology, and technology all play a part in the world of food and nutrition! Discover the world of molecular gastronomy and create edible juice bubbles and use chemistry to cook edible slime!

Gross Out Science

October 19, 2018

In preparation for Halloween, we will be making super slimy concoctions; meeting the Museum's creepiest, crawliest critters up close; and getting our hands dirty in a dissection lab! Join us for a spook-tacular time!

Garden Gurus

November 6, 2018

Plants are an essential part of life on Earth. They give us oxygen, shade us from the sun, and even grow us food! Become a plant expert and learn how to grow plants that water themselves, perform a flower dissection, and learn how leaves change color in the fall!

Let's Make Some Waves

November 12, 2018

Did you know that there are types of waves other than the ones in the ocean? Engineer a machine that explores how waves are formed, learn about seismic waves during an earthquake lab, and make some noise to better understand how our ears use waves to hear sounds!

Camp Discovery Favorites

November 21, 2018

We chose some of our summer camp's most popular activities and stuffed them into one day! Create color-changing chemical reactions; watch gravity create works of art right in front of your eyes, and more!

The Science of Archimedes

November 23, 2018

Archimedes was a mathematician, physicist, engineer, inventor, and astronomer. Learn how the Archimedes screw works and help build one, have fun with geometry and create geometric artwork, and explore how Archimedes used mirror reflections to save cities from invading ships!

Winter Wonderland

December 24, 2018

Camp Discovery is going to be cooler than cool today as we experiment with some super cold substances, dry ice and liquid nitrogen. Learn how arctic adaptations help animals survive in the extreme cold and create your own ice crystal globe!

On Your Mark, Get Set, Go!

January 7, 2019

From racing cars to soaring rockets, today is all about speed! We will be testing how fast and how high we can make things go! Be prepared to participate in a solar car race and a rocket flight competition then, create your own accelerating roller coaster!

Animation 101!

January 21, 2019

Be a video game designer by creating your own virtual story and digitally bringing your game to life! Prepare for a full day of video game design while we learn the basics of computer graphics, writing storyboards, and game coding!

Winter Break 3-Day Camp Adventure

Museum Explorers

December 26-28, 2018

Visit our To Fly exhibit and create flying objects using jet propulsion. Learn about extreme weather in Storm Center. Journey deep into the human body in Powerful You! Explore Gizmo City to learn about soundwaves, physics, and technology.

Winter Break 5-Day Camp Adventure

Ecosystem Voyagers

December 31, 2018 - January 4, 2019

Take a trip around the world as we voyage to different environments! Meet turtles, scorpions, snakes and more and see what adaptations each has acquired to survive. Create your own living biome and play Eco-twister where you try to survive in a shrinking habitat!

Images: https://www.dropbox.com/sh/75d3mypebj2il24/AACd_DXGEKwCx3c-tUUGI7Sda?dl=0

FAMILY OVERNIGHT

Design! Build! Play! Keva!

Saturday, November 17, 2018

6:30 p.m. Saturday to 8 a.m. Sunday morning

Put your imagination in high gear and join us for a night of innovation and creation by using our brand new exhibit, Design! Build! Play! KEVA!" Design and build with inspiration from our newest exhibit, "Eureka! The Science of Archimedes."

Family Games & Evening Activities:

1. KEVA Relay
2. Tallest Tower
3. Sculptionary™
4. Bridges Competition

For reservations: 954.713.0930.

OVERNIGHT CAMP-INS: Friday and Saturday evenings, year-round

Have the ULTIMATE Museum Camp-In or Discovery Workshop experience with exclusive access hundreds of hands-on exhibits, live animal encounters, labs, dynamic science shows, flight simulators, rides and the BIGGEST IMAX screen in South Florida showing some of Hollywood's newest blockbuster movies.

Choose from these camp-in themes: *Awesome Animals*, *Crazy Chemistry*, *Cosmic Kids*, , *Electricity*, *Engineering and Marshmallows?*, *Freaky Forensics (NEW Theme)* *GUTS!*, and *Roller Coaster Physics*. Supervised, age-appropriate science activities, workshops, exhibit explorations, pizza dinner and live-animal encounters round out a fun-filled evening before "lights-out" in the exhibit sleeping area. Group camp-ins are open to scout groups, schools, church groups, recreation center groups and other youth organizations looking for a night of fun and unique activities.

Each camp lasts from 6:30 p.m. to 8:00 a.m. IMAX® films will be an additional charge per person (child or chaperone). Group programs require a 40-participant minimum. Both programs include pizza dinner, all activities, and exploration of the Museum

Overnight Camp-Ins

Time: 6:30 p.m. to 8:00 a.m.

Fees: \$36.00/child

\$20.00/chaperone

Discovery Workshops

Friday and Saturday evenings

Time: 6:30 p.m. to 10:00 p.m.

Fees: \$24.00/child

\$15.00/chaperone

Note: ALL GROUP PROGRAMS require one chaperone (18-years or older for every ten youth participants. Minimum paid youth: 40 participants. Maximum capacity: 200 participants (not including chaperones).

IMAX® Add-on Prices

Classic IMAX® Film (45 min.) \$8.00 per child or chaperone

Full Length IMAX® Feature Film \$12.00 per child or chaperone

For more information or reservations call 954.713.0930 or email overnights@mods.net.

THEMED BIRTHDAY PARTIES

Planning a birthday party at the Museum of Discovery and Science is a piece of cake! Just say the word, and we'll put the wheels in motion for a birthday party that your birthday child will always remember.

Party Options and Prices:

- **Pizza Party:** Pizza, soda and cake for a maximum of 20 guests including birthday child and family members. \$400 for members. \$450 for non-members. \$16 per additional person. Add-on options available.

All parties include:

One large Carvel® Ice Cream Cake (serves 20)

- 90 minutes in party room with themed activities
- All day admission to the Museum's exhibits
- One parking pass for the birthday party family
- 40 birthday invitations
- Forks, plates, napkins, cups, table covers and candles

All birthday parties available on Saturday or Sunday and must be booked at least two weeks in advance. If you have a party of more than 40 people, please feel free to ask about our larger party package. Add an IMAX film for an additional fee. To book a birthday party, call 954.713.0930.

PARTY THEMES

- **Animal Mania (All Ages):** Turtles, lizards and snakes, oh my! Learn about the Museum’s reptiles and meet them face-to-face! It’s perfect for “party animals” of all ages!
- **Color Chemistry (NEW) (Ages 3-6)** Get ready to have a blast mixing science and art! Your little scientist will get to explore the makings of colorful slime, puffy paint and much more! This party includes a visit from Curious George or Clifford, The Big Red Dog just in time for pictures and cake!
- **Prehistoric Adventure (Ages 3-6):** Dig for dinos and explore volcanic eruptions! Your little archeologists will dig for hidden treasures in our excavation boxes, and make shark tooth fossil necklaces! Put on your hard hats and goggles and get ready to go on a prehistoric adventure!
- **Super Scientist (Ages 5 & up):** Put your safety goggles on and be a scientist for a day! Conduct crazy experiments and make wild concoctions. Your birthday is sure to be an explosively good time!
- **Sub-zero Science (Ages 5 & up):** Your little scientist will learn some “cool” chemistry when we shatter balloons with liquid nitrogen and create awesome ice cream treats! This party will definitely be cooler than cool.

MAXFLIGHT Birthday Parties (Ages 5 & up)

Special times and pricing applies. Times are as follows: Fridays from 4 p.m. – 6 p.m.; Saturday from 4 p.m. – 6 p.m.; and Sunday from 10:30 a.m. – 12:30 p.m. Pricing: \$750 for Museum members and \$800 for non-members.

- **Rockin’ Roller Coaster**
Imagine designing your own roller coaster and then riding it with your friends inside our MaxFlight Simulator. It’ll be a rockin’ and rollin’ party to remember.
- **Awesome Aeronautics**
Take off in this thrilling birthday ride of a lifetime. You and your friends can turn incredible aerial stunts or engage an aerial dog fight in our MaxFlight Simulator. Also enjoy time in the Aviation Station exhibit.

ABOUT THE AUTONATION® IMAX 3D THEATER

The 300-seat theater AutoNation® IMAX 3D Theater, owned and operated by the Museum of Discovery and Science, opened in 1992. The science of cinema has been raised to the level of Magic at the AutoNation IMAX 3D Theatre now that IMAX with Laser is illuminating the six story screen by lasers. This new technology with dual 4K laser projectors has revolutionized the way we experience 3D films on the big screen. The new laser projector technology offers brighter images, intense colors, and incredible detail that will leave you in awe.

There’s also a next-generation immersive 12-channel sound system featuring 114 speakers capable of 52,000 watts of digital sound. Whether it’s a pin drop or feeling the heart-palpitating force of a volcano, audiences will experience a new kind of visceral sound experience.

IMAX with Laser is a blend of science and art to deliver a cinema experience that suspends disbelief and transports audiences to new worlds. It’s the difference between watching a movie and being a part of one. The AutoNation IMAX 3D Theater is the only place in Florida where you can experience the power of IMAX with Laser and is one of only three Certified Giant

Screen® theaters in Florida as certified by the Giant Screen Cinema Association. For show times call 954.463.IMAX (4629) or visit www.mods.org.

More information here: http://www.mods.org/IMAX/Laser/4K%20Laser/4K_Laser.html

ABOUT THE MUSEUM OF DISCOVERY AND SCIENCE

The mission of the Museum of Discovery and Science is to provide experiential pathways to lifelong learning in science for children and adults through exhibits, programs and films. Founded in 1976 as The Discovery Center, the nonprofit facility serves approximately 400,000 visitors annually. Major operational support for the Museum is provided through generous support by Leadership Guild members including: JM Family Enterprises, Inc., Jet Blue and Wells Fargo.

The Museum is open seven days a week, 365 days a year; Monday through Saturday from 10 a.m. to 5 p.m., and Sunday from noon to 5 p.m. Ticket prices are \$16 for adults; \$15 for seniors 65+; \$13 for active/retired military personnel; \$13 for children 2 to 12. Children under 2 are free. A 45-minute IMAX documentary or Hollywood movie can be added for a small up charge. The Museum of Discovery and Science is located downtown at 401 SW Second Street, Fort Lauderdale, Florida 33312. For more information about the Museum, visitors should call 954.467.MODS (6637) or visit our web site at www.mods.org.

Like us or follow us on Social Media.

Facebook: <https://www.facebook.com/MuseumOfDiscoveryAndScience/>

Twitter: <https://twitter.com/modsfl>

Instagram: <https://www.instagram.com/m0ds/>

Media Contacts:

Marlene Janetos 954.713.0915

Theresa Waldron 954.713.0901

Tara Keimel 954.713.0904

mjanetos@mods.net

twaldron@mods.net

tkeimel@mods.net

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