SOUTH FLORIDA SCIENCE CENTER AND AQUARIUM

Education Guide
Welcome to the South Florida Science Center and Aquarium

Over the past year, the former South Florida Science Museum has experienced a Renaissance-like transformation with the unveiling of interactive and state-of-the-art exhibitions, a 3,000 square-foot aquarium and 10,000 square feet of additional space. Today, the Science Center is home to the largest aquarium from Miami to Orlando and features over 50 interactive exhibits and over 40 educational programs. In the 2013-2014 Educator Guide, you will see an exciting glimpse into the new educational programs that the Science Center has to offer, both at the Center and at your school. These exciting science classes fulfill our mission to “Open every mind to science” and follow the Next Generation Sunshine State Standards for Science and the Common Core Standards. We are sure you will have as much fun taking the classes as we did developing them! As always, we welcome your feedback; please contact us anytime at education@sfsciencecenter.org or by calling (561)370-7710.

Sincerely,
The South Florida Science Center and Aquarium Team

Science Center now open at 9 am on weekdays and 10 am on weekends!
Teacher Membership ($20)
Sign up for a Teacher Membership for A+ savings on your group visit. We appreciate the dedication of educators in Palm Beach County!
The Science Center offers a special Teacher Membership package that includes all the standard benefits for an individual plus savings such as $25 OFF the first program booked as well as 20% OFF on additional programs booked for 12 months.
The membership allows unlimited admissions to exhibits and most planetarium shows as well as a discount in the Science Gift Shop. Since the South Florida Science Center is an ASTC member, you’ll also enjoy free or reduced admission to other member organizations. By becoming a member, you’ll be placed on our mailing list to receive invitations to events at the Science Center.

Enroll in our Early Learning Program
Parent-child classes at the South Florida Science Center
Call us for a free trial class!

Enjoy extended hours of exploration at the South Florida Science Center’s

SCIENCE NIGHTS

Last Friday night of each month
6-10 PM

Take part in cool science crafts & activities, interact with all the exhibits, watch a planetarium show, & view the night sky in Palm Beach County’s only public observatory!

sfsciencecenter.org/sciencenight

Celebrate your BIRTHDAY with the South Florida Science Center
Call (561) 370-7708
Science Center
Exhibits
Aquariums of the Atlantic
The Science Center’s new 3,000 square foot Aquariums of the Atlantic house some of Florida’s most beautiful native fish such as Queen Angels, Pink Wrasse, sharks, and seahorses as well as a few fish that have invaded Florida’s habitat. The new aquariums take visitors through the depths of our coral reefs and interpret Florida’s flora, fauna, and environments of the Gulf stream, coral reefs and the open ocean. You can even stand in the center of our 6 foot coral reef tank and feel like the fish are swimming right across your body! Exhibits and tanks in the Aquariums of the Atlantic reinforce the importance of stewardship of these environments and the long-term effects humans have on the oceans and wildlife.

The Hidden World of the Everglades
Learn all about what makes the Florida Everglades unique - America’s only sub-tropical wilderness. Visitors can listen to the sounds of Everglades animals like the Florida Panther and the Eastern Diamondback Rattlesnake and view glimpses of their natural environment. The interactive exhibition immerses the visitor in Florida’s wildlife, indigenous and invasive, and various Everglades ecosystems. Within the River of Grass monitor, visitors and students explore the state-of-the-art exhibition that tells the story of the Everglades within a historical context.

Florida Conservation Station
The Conservation Station is a learning center that educates audiences of all ages on different conservation aspects. This learning laboratory includes hands-on experiments and research activities that transform visitors into real-world biologists. The station gives visitors an idea of the immense variety of life in Florida and complex relationships among living things.

Science on a Sphere
Science on a Sphere (SOS) is a room-sized global display system that uses computers and video projectors to display planetary data onto a six foot diameter sphere, analogous to a giant animated globe. Researchers at NOAA developed the SOS as an educational tool to help illustrate Earth System science to people of all ages. Animated images of atmospheric storms, climate change, and ocean temperature can be shown on the sphere.

Out of This World
See our collection of rare space artifacts and real rocks from space. Touch a 232 pound meteorite or spend a few minutes watching Apollo 14 highlights while you view a real moon rock brought back on an Apollo mission. This collection also features a Mars rock found in Nigeria in 1962.

States of Matter
Explore the basic principles of science with hands-on displays representing the states of matter, including solid, liquid, gas and plasma displays. Continue through the gallery for more basic principles of electricity revealed through conversion machines and Jacob’s Ladder. Perfect for all beginning science students and science enthusiasts of all ages!

Brain Teasers
Exercise your mind with puzzling challenges for all ages!

Dekelboum Planetarium
The planetarium is a 61-seat theater including advanced fulldome digital projection equipment, laser machine and a Spitz star projector. Palm Beach County’s only public planetarium features a rich history and modern technology to transport visitors beyond the skies. Please see our Education Programs section for show descriptions and pricing.

Nature Trail
Enjoy the outdoors while continuing your science exploration! Our interactive nature trail includes hands-on exhibits: Bubbleology, fossil dig, whisper dishes, Gator Golf, classic physics demos, and a butterfly garden.
The Marvin Dekelboum Planetarium enjoys a proud legacy of being the first and only public planetarium in Palm Beach County. Since 1964, we have served to educate and entertain people about the wonders of the Universe. We offer daily public shows along with our selection of programs that meet K-12 educational standards.
**One World, One Sky: Big Bird’s Adventure (Grades Pre K-1)**

Follow Sesame Street’s Big Bird and Elmo as they explore the night sky with Hu Hu Zhu, a Muppet from Zhima Jie, the Chinese co-production of Sesame Street. Together, they take an imaginary trip from Sesame Street to the moon, where they discover how different it is from Earth. Children interact with the show by drawing constellations and counting the time it takes the sun to set.

*Big Ideas: 5, 6, 12, SC.K.E.5.1-6, MA.K.G.2.2, SC.1.E.5.1, SC.1.E.6.1, SC.1.P.12.1, LACC.SL.K.3, LACC.SL.1.2*

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**Kaluoka ‘hina - The Enchanted Reef (Grades K-5)**

A digital fulldome planetarium show, this animated feature film transports the viewer to a tropical reef, a one-of-a-kind world: colorful and foreign, full of adventure and danger, riddles and mysteries, old legends and myths... a world inhabited by creatures that are humorous and courageous, lovable and bizarre, charming and dangerous.


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**Bugs! - A Rainforest Adventure (Grades 2-5)**

Get a view of the fascinating universe of insects magnified up to 250,000 times their normal size, where a leaf weighs as much as a car and a single raindrop can quench the largest thirst. This full dome show focuses on the life cycles of a praying mantis and a butterfly from their birth to their inevitable encounter in the tropical rainforest of Southeast Asia, where predator meets prey.


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**Stars and Constellations (Grades 2-5)**

What are stars made of? Is there such a thing as a cold star? Where is the Big Bear, or the hunter Orion in the sky? This 360° traditional planetarium experience narrated live by our science educator will teach you the myths behind the famous constellations and students will feel like they are outside at night looking at stars.


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**To Other Worlds (Grades 2-8)**

Join us on a fantastic adventure through space conducted by our science educator in the planetarium. Learn the cool characteristics about planets and other objects in our Solar System and see how stars will look that particular night with our 360° traditional planetarium experience.


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**Astronaut (Grades 3-8)**

What does it take to become an astronaut? What’s it like on the International Space Station? How does space travel affect the human body? This digital fulldome planetarium show will take you into space while exploring the effects that space travel has on our bodies and the technology needed to protect us.


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**Sea Monsters: A Prehistoric Adventure (Grades 3-12)**

This full dome adventure, created by National Geographic, weaves together a series of paleontological digs from around the globe in a compelling story about scientists working as detectives to answer questions about the ancient and mysterious ocean world.

Cosmic Collisions (Grades 3-12)
Produced by the American Museum of Natural History (AMNH) and narrated by Robert Redford, this show illustrates that cosmic collisions are a universal force of nature, both destructive and creative. Cosmic Collisions provides an unprecedented and extraordinary view of these catastrophic and constructive events that have shaped our world and universe.


Black Holes: The Other Side of Infinity (Grades 6-12)
This show provides a groundbreaking, scientifically accurate perspective on black holes and presents the latest compelling evidence that black holes are real. Viewers encounter a range of spectacular cosmic wonders visualized by the National Center for Supercomputing Applications, including a depiction of the beginning of the universe, the first stars, the collision of two galaxies, and a virtual trip into the center of the Milky Way galaxy.


New! - Night of the Titanic (Grades 3 - 12)
Stand on the deck of the mighty ocean liner as the tragedy unfolds in the icy North Atlantic. Weather, ice, the sun, and human error all contribute to the sinking of this “unsinkable” ship. Experience the RMS Titanic’s last day and discover the science that could have saved the ship. This full dome planetarium show compliments our Titanic: The Artifact Exhibition (November 23 - April 20).


Two Small Pieces of Glass (Grades 3-12)
This amazing digital full dome show follows two young people at a star party and explains the history of telescopes, how they work, and shows beautiful images of the discoveries made by these instruments over the last 400 years. This planetarium show is accompanied by a lesson on solar telescopes including the chance to look through one at the sun for an educational and exciting space experience! (weather permitting)


Laser Concerts
Visitors can enjoy their favorite rock classics set to an amazing 3D Laser concert! Performances take place on the second Saturday night of each month at 6:30, 7:30, and 8:30 p.m. All laser concerts are $8 for members and $10 for non-members, and include a pair of ChromaDepth 3D laser glasses. Dance and sing to the sweet reggae tunes of Bob Marley in our newest laser concert. Tickets can be purchased at the door or online at sfsciencecenter.org/laser

New - Discovery Dome Astronomy Outreach
Our brand new portable digital planetarium can travel to your school so that your students can enter a virtual world of science and astronomy! Discovery Dome is a product of the Immersive Earth program, a NASA-sponsored project to bring science to schools and to the public. All of our planetarium programs listed in this guide are available on the Discovery Dome. The Dome requires an indoor space 25-feet square and 12-feet high, as well as a nearby electrical outlet. Available Fall 2013.
Titanic: The Artifact Exhibition takes you on a journey back in time to experience the legend of Titanic like never before. The galleries in this fascinating Exhibition feature real artifacts recovered from the ocean floor along with room re-creations and personal stories; each highlighting a different chapter in the compelling story of Titanic’s maiden voyage.

sfsciencecenter.org (561) 832-1988
4801 Dreher Trail North, West Palm Beach, FL 33405

For official Titanic merchandise please visit: thetitanicstore.com
Early Childhood Education Programs

Our specialized early childhood program offerings are appropriate for preschool, VPK, and kindergarten. If you are unable to bring your class to the Science Center, our Educators will travel to your school!
Ocean Commotion
Explore the fascinating world of sharks and other aquatic animals through animal puppetry, toy replicas, and even touching real shark jaws and aquatic animal fossils. Students will discover an animal’s amazing senses and investigate their habitat. At the end, students will get to create their own shark tooth necklace!
Investigation and Inquiry, Life Science, Earth and Space

Creepy Crawlies
Become an entomologist to discover the world of creepy crawlies as we learn where bugs live, what they eat and how they help the environment. Examine and touch live species of bugs, such as a Bess Beetle and the Madagascar Hissing Cockroach. Brave students may even hold a live insect in the palm of their hand!
Investigation and Inquiry, Life Science, Environmental Awareness

All About Me
What’s more interesting than YOU and ME?! Explore the wonders inside the human body with Mr. Bones, our inflatable skeleton and animal bone replicas. Students will also experiment with the five senses by being listening, feeling, and smelling detectives and even get to make their own “snot” to take home!
Investigation and Inquiry, Physical Science, Life Science

Yoga Adventure!
Learn through play and exercise with our interactive yoga adventure. Your class will learn fun science facts while performing simple yoga poses, listening to music and stories, and playing with props and puppets that exercise social, sensory, and motor skills. The topics include space, ocean, dinosaurs, and custom-made yoga adventures.
Investigation and Inquiry

Space Explorers
Join us as we travel the vast solar system. Your class of space explorers will learn about astronauts as they try on a space helmet and travel to the inner and outer planets of our solar system with hands-on inflatable planets. We will also learn about the sun while making “sun-indicator” necklaces, and watch the beads change color as we head outside to observe the effects of this giant star.
Investigation and Inquiry, Earth and Space

Touch Tank (only at the Science Center)
Your students will experience ocean organisms through observation, touch and fun narration. They will learn how animals are interdependent upon another and the environment while learning that all animals are alike in some ways and different in others. They will discover how these creatures have internal and external structures that keep them alive, help them grow, and reproduce.
Investigation and Inquiry, Life Science, Environmental Awareness

Wacky Weather
Earth’s wacky weather can control what we wear, what we do and what we eat. Interact with our wacky weather puppets as we explore sun, rain, clouds, snowflakes and rainbows. Students will experience very cold through hands-on ice cube experiments and very hot while making sun-indicator necklaces to view outside. Students will also get to make their own “snow.”
Investigation and Inquiry, Physical Science, Earth and Space

Balloons and Bubbles
If your class is fascinated with bubbles, this chemistry program is for you! Using dry ice, students will be amazed as we “magically” blow up a balloon and make bubbles filled with smoke. Students will help make their own bubble solution and bubble-wands to try outside.
Investigation and Inquiry, Physical Science

We are the Dinosaurs
Have dino-sized fun as we transform into paleontologists and learn about the world of Tyrannosaurus Rex, Stegosaurus and Triceratops. Your class will examine toy dinosaur species and real dinosaur fossils, as well as role play some of our favorite dinosaurs. As we learn about the dinosaurs’ extinction, students will handle a real meteorite and watch a volcano erupt!
Investigation and Inquiry, Life Science
Grades K-3 Education Programs

Our educational program offerings include labs and demonstrations for K-12 groups. A lab is limited to a group of 30 or less and is generally best suited for a classroom setting. Demonstrations are performed for small or large groups, but please note that a small fee is charged for groups more than 75.
Labs

Investigating Insects
Become an entomologist by observing insects and exploring some of the oldest living creatures on earth. Hold live insects in the palm of your hand as we discuss habitats, characteristics and the beneficial role that insects play in our environment.


Panthers Physics Lab
This one-of-a-kind program, generously sponsored by the Florida Panthers hockey team, is a great introduction to the fascinating concepts of gravity, force, inertia, friction, and motion. Our expert educator will incorporate hands-on team challenges, multimedia, and real-life examples to show that Newton's Laws of Motion extend beyond the classroom.


Everglades: All About the Alligator (only at the Science Center)
This program introduces students to the most fascinating ecosystem in southern Florida, demonstrated through the eyes of its top predator, the American alligator. Students will learn all about food webs and about the anatomy of a real alligator.


Chemical Concoctions
This program is designed to reinforce chemistry concepts, such as atoms, density, and chemical change. Students use the scientific process and conduct experiments that will help them understand the difference between the states of matter on an atomic level. At the end of the lab, students will have the opportunity to make their own polymer.


New! - Adventures of Professor Clark The Science Shark
Explore the fascinating world of sharks by examining real shark jaws, studying unique shark senses and listening to an adventure of Professor Clark the Science Shark, the newest member of the SFSCA. At the end of the lab, students will create their very own shark tooth necklace.


Demos

Señor Stuffee
This program gives participants the opportunity to learn about human anatomy, health and nutrition in a live demonstration! Students will be amazed and engaged when interacting with Señor Stuffee, a 7-foot tall stuffed doll with internal organs made from cloth.

Big Idea 14, HE.K.C.1.5, HE.1.C.1.6, HE.2.C.1.6, SC.2.L.14.1, SC.2.L.17.1, LACC.SL.K-2.1

Nitromania
If you’re interested in the "coolest" science for your young learners, check out this liquid nitrogen program! This program shows students the physical properties of two of the most important chemicals on Earth: water and nitrogen. Students will see physical changes occur before their very eyes as they learn about the states of matter.


Touch Tank (only at the Science Center)
Your students will experience ocean organisms through observation, touch and fun narration. They will learn how animals are interdependent upon another and the environment while learning that all animals are alike in some ways and different in others.


Exciting Electrons
This electrifying program includes many classic energy demonstrations sure to make students’ eyes light up! From testing the strength of an electro-magnet to experiencing the static electricity from a Van der Graaf Generator, this program is full of hands-on participation which is the key to understanding magnetism and electricity.

Chemical Concoctions
This program is designed to reinforce chemistry concepts, such as atoms, density, and chemical change. Students will use the scientific process and conduct experiments that will help them understand the difference between the states of matter on an atomic level. Upon exploring polymers, students will have the opportunity to make their own!


Investigating Insects
Become an entomologist by observing insects and exploring some of the oldest living creatures on earth. Hold live insects in the palm of your hand as we discuss habitats, characteristics and the beneficial role that insects play in our environment.


New! - Mining for Treasures (Available Fall 2013)
This lab has students investigating physical characteristics and properties of minerals and comparing their scientific observations with the rest of the class. Afterwards, they head out to Science Center Gem Panning Station to uncover and take home their very own “hidden treasures”.


Heart in Motion Lab
Students will be amazed as they use EKG (electrocardiogram) machines to monitor heart rate, compare active versus resting cardiograms and work with their own model heart. Emphasizing a healthy lifestyle, this program focuses on the heart: its function, its importance, and the details behind how it works.

New! - Engineering is Elementary
Can you build a wind-powered heavy-lifting machine? Can you design the perfect bridge? This program lets students gain firsthand experience with the processes of engineering and design. Logical thinking, problem solving, and creativity all play an important role as students plan, design, build, test, and tweak a project that solves a physical engineering challenge. This hands-on lab, developed by the Museum of Science in Boston, is perfect for bringing out your student’s inner engineer.


Brain in Action
Hold a brain in the palm of your hand as we take an inside look at the brain, its neurons, and the nervous system. Through hands-on exploration, students will see how this three pound organ, the brain, makes all five senses work, while also learning about what might affect the proper function of the brain. This class was designed in collaboration with scientists at The Max Planck Florida Institute.


Shark Tooth Lab
Explore the fascinating world of sharks and their relatives. Working together, students will utilize scientific observation to sort and classify genuine fossil shark teeth, examine real shark jaw specimens, learn about various shark habitats, and create their own shark tooth necklaces.


Panthers Physics Lab
This one-of-a-kind program, generously sponsored by the Florida Panthers hockey team, is a great introduction to the fascinating concepts of gravity, force, inertia, friction, and motion. Our expert educator will incorporate hands-on team challenges, multimedia, and real-life examples to show that Newton’s Laws of Motion extend beyond the classroom.


DNA in Motion
This hands-on science lab allows students to explore cells and DNA in an easy-to-understand, engaging manner. Students will use cell models to explore the different parts of an animal cell, take a look at their own cells, and work as genetic scientists to isolate DNA by using real world technology!


Dissections
Students enjoy expanding their knowledge of body systems with hands-on dissections. Study anatomical structures and how these relate to function in a squid, frog, spiny dogfish shark, fetal pig, bird or owl pellets. Our expert educator will provide specimens, equipment and any worksheets.


Crime Scene Sleuth Lab
Your students will become crime scene investigators in this hands-on forensics lab as they go through the steps of the scientific method to hypothesize who committed the crime, analyze the evidence and draw a conclusion of “who done it?” Students will have the opportunity to examine hair and clothing samples under microscopes, as well as test synthetic blood samples and compare them to the synthetic blood found at the scene of the crime.

Big Idea 1, 2, SC.5.N.1.5, SC.5.N.1.6, SC.5.N.2.1, SC.6.N.1.2, SC.6.N.2.2-3, SC.7.N.1.3, SC.8.N.1.5-6

Cleaning the Everglades (Grades 6-8)
This hands-on lab investigates the pollutants in South Florida waters and offers an inquiry-based approach to determining potential cleaning methods.

Big Idea 1, 4, 7 SC.6.E.7.7, SC.7.E.6.6, LACC.SL.6-8.1

Circuit Science
Take an electrifying look at how electricity gets around. This hands-on lab allows students to create their very own functioning electrical circuits and introduces some fundamental concepts like open vs. closed circuits, the difference between conductors and insulators, and much more. Students will use their new-found knowledge to construct a simple motorized robot of their very own!

New! - Thunderstorms, Tornadoes, Hurricanes, Oh My! (only at the Science Center)
Let us share the excitement of weather and climate with your class through hands-on activities, engaging narratives, and a look at real-time data using our Science on a Sphere (SOS) exhibit. This program provides an overview of how extreme weather is created and how real weather observations form the basis of all forecasts. Take an up-close look of how lightning is formed, see how hurricanes are tracked, and create your very own tornado!


Demos

Jurassic Theater
Have dino-sized fun in this live presentation about fossils and dinosaurs! Learn about how fossils are formed and what they teach scientists about life in Earth’s distant past. Students will examine and handle authentic fossils including petrified wood, a dinosaur egg, and even a woolly mammoth tooth while participating in this exciting show.

Big Idea 1, SC.4.E.6.4, SC.4.L.17.4, SC.5.L.15.1, SC.5.L.17.1 LACC.SL.4-8.1

Exciting Electrons
This electrifying program includes many classic energy demonstrations sure to make students’ eyes light up! From testing the strength of an electromagnet to experiencing the static electricity from a Van der Graaf Generator, this program is full of hands-on participation which is the key to understanding magnetism and electricity.


Nitromania
If you’re interested in the “coolest” science for your young learners, check out this liquid nitrogen program! This program shows students the physical properties of two of the most important chemicals on Earth: water and nitrogen. Students will see changes in matter occur before their very eyes and understand the atomic and molecular behavior behind the phenomena.

Grades 9-12 Education Programs

Dissections
Students enjoy expanding their knowledge of body systems with hands-on dissections. Study anatomical structures and how these relate to function in a squid, frog, spiny dogfish shark, fetal pig, bird or owl pellet. Our expert educator will provide specimens, equipment and any worksheets.

Big Idea 14, SC.912.L.14.50, SC.912.L.15.6, LACC. SL.9-12.1

Cleaning the Everglades
What exactly is in our waters and how can we clean it? This lab investigates the polluted waters of South Florida and offers an inquiry-based approach on how to clean it with a hands-on polluted water activity. Students will pollute clean water with dirt, oils and fertilizers and then have to figure out how to get them out again.

Big Idea 6, 7, 17, SC.912.L.17.11, SC.912.L.17.16-20, SC.912.N.4.2, LACC. SL.9-12.1

Brain in Action
Hold a brain in the palm of your hand as we take an inside look at the brain, its neurons, and the nervous system. Through hands-on exploration, students will see how this three pound organ, the brain, makes all five senses work, while also learning about what might affect the proper function of the brain. This class was designed in collaboration with scientists at the Max Planck Florida Institute.

Educator Resources

Virtual Classroom
Visit our virtual classroom where teachers can easily log on and see all the curriculum for each class we offer. Simply go to sfsciencecenter.org and under the Education tab click on Primary Education Guide. Click on a program to view the complete Next Generation Sunshine State Standards and Common Core Standards each program covers.

Professional Development Workshops
Multiple workshops are held during each school year. Topics include but are not limited to various dissections, chemistry labs and life science topics. For all workshops, pre-registration is required. The workshops are free and teachers have a chance to receive in-service credit hours for participation.

Anytime, Anywhere Science (A²Sci)
A²Sci is Anytime, Anywhere Science, an exciting online resource designed by the South Florida Science Center in collaboration with the School District of Palm Beach County, The Education Network, and Plausible Productions. The programs are targeted to fourth and fifth grade students and these lessons are available to all teachers in Palm Beach County via the South Florida Science Center’s website sfsciencecenter.org and the School District’s on-line resource library, Learning Village.

Current online programs include:
- Everything Everglades
- Rotation And Revolution: Planet Earth In Motion
- Earth And Moon: Partners In Space
- To The Moon
- The Science Of Fizz: Carbon Dioxide
- Weathering And Erosion: Break It Down

Comcast Proudly Sponsors Youth Education
The South Florida Science Center and Aquarium proudly welcomes Comcast Cable Networks as our FY 2013 - FY 2014 Youth Education Sponsor.
ASE YOU A MEMBER OF THE SCOUTS OR ANOTHER YOUTH GROUP?

Have your meeting or arrange a sleepover at the Science Center!

Brownie Badges
- Brownie Science Wonders Try It Badge
- Brownie Water Everywhere Try it Badge

Webelo Activity Badges
- Science Activity Badge
- Geologist Activity Badge

Cub Scouts Belt Loops and Pins
- Geology Belt Loop and Pin
- Astronomy Belt Loop and Pin
- General Science Belt Loop and Pin

Brownie Badges

SCIENCE HOMESCHOOL CLASSES

We offer homeschool classes for K-2nd grade, 3rd through 5th grade, and middle school students on a variety of topics. Classes involve fun experiments and interactive laboratories designed to present a rich science experience, increase students’ critical thinking skills, engage students in active discussions, and enrich the school curricula.

Homeschool classes are held on Wednesdays. Please check our website at sfsciencecenter.org for more information.

Call (561) 832-2026 To Sign Up Today!

Cost per participant: $15 for members, $20 for non-members (Fee includes admission to the Science Center and class for one child and one adult)

PALM BEACH COUNTY SCHOOL EMPLOYEES RECEIVE 20% OFF SEASONAL CAMPS AND WORKSHOPS

Join us for our seasonal camps and workshops at the South Florida Science Center and Aquarium. We have science camps and workshops all summer long, as well as during Palm Beach County’s winter and spring break. Each exciting week will offer hands-on exploration for young scientists ages 4 to 12 on specific topics in science. The days are packed with fun science lessons, laboratories, crafts, and outside activities led by our expert science educators.

For more information, visit sfsciencecenter.org or call 561-832-2026.

SEASONAL SCIENCE ADVENTURE WORKSHOPS

Science Summer Camp

Spring Science Adventure

TEACHER STEM OPEN HOUSE

October 18, 2013

The South Florida Science Center and Aquarium is partnering with the Palm Beach Zoo for an exciting professional development opportunity focused on science, technology, engineering, and mathematics. Take a behind-the-scenes tour of the newly renovated Science Center and the state of the art zoo veterinarian animal hospital and participate in live science and animal demonstrations.

Teachers also have the opportunity to engage in a presentation by NASA astronaut Bob Crippen, who served as a pilot for the first space shuttle flight. The Open House is geared towards teachers in grades K-12, is free of charge and teachers receive in-service credit hours for the event. Teachers will also receive a complimentary lunch.
Save the Date
**Stroller Daze - August 28, 2013**
An event geared towards parents and their young children ages birth to 4 years. The morning will be filled with fun activities such as storytelling, child-friendly entertainment, crafts, science demos and more! Special menu available for purchase at Subway café.

**Science of Beer & Wine - October 10, 2013**
Guests 21 & older are invited to join the South Florida Science Center from 6-9pm for a fun and engaging exploration of the science behind beer and wine making. Established local brewers such as Brewzzi’s and PRP Wine will guide you through the process of creating the “perfect pour” accompanied by various restaurants with presentations and tasting samples. Challenge your wits with a variety of scientific games, crafts, and beer-themed demonstrations, including how to create the perfect blend of liquid nitrogen beer ice cream!

**Fall Family Fun Fest - October 13, 2013**
Fall in love with the amazing world of science! From 11am- 5pm families will enjoy cool science labs, crafts, activities, interacting with various exhibitors, entertainment and more. The Science Center is teaming up with PNC Bank to bring interactive fun through their Mobile Learning Adventure.

**Science of Chocolate - February 8 & 9, 2014**
A remarkable event welcoming guests to explore the Science Center and the sweeter side of science. The weekend in partnership with Hoffman’s Chocolate is filled with sweet demonstrations, chocolate facts and history, taste stations, a chocolate fountain, crafts and more. Come satisfy your sweet tooth!

**Drop it, Build it, Float it, Launch it, Thrill it! - April 12, 2014**
The 28th annual engineering competition that challenges students to build an unbreakable bridge, create a container to protect an egg from a 3-story drop, construct an unsinkable boat, blast off the ultimate water bottle rocket, and design and build an operational roller coaster. This competition was created for elementary, middle, and high school students.

**Science Nights - Every Last Friday Night of the Month**
On these special Friday nights from 6-10pm, guests of all ages can enjoy extended hours of exploration at the South Florida Science Center and Aquarium. Each science night is a different theme, which includes various interactive science crafts, activities, entertainment, exhibits, planetarium shows and a chance to view the night sky in Palm Beach County’s only public observatory!
Before Calling the Science Center to Book a Visit

- Verify your dates with your school administration
- Confirm transportation availability
- Determine how many students and chaperones will be visiting (see chaperone notes)
- Choose a Science Center exploration or add an educational program

Once you have all of this, call us at (561) 832-2026! Please call between 9am and 4pm, Monday through Friday. If you need to leave a message, be sure to include the time and date of your request, your organization name, the number of students, and the best way to reach you.

After you schedule your visit with us, you will receive a confirmation fax or email. Please sign and return the form.

On the Day of your Visit

• Please arrive 15 minutes before your scheduled time, to ensure a great experience.
• Buses can drop students off at the front door and then park in designated spots, west of traffic loop. Vehicles may not remain parked in the traffic loop. Drivers can enter exhibit area at no charge.
• When you arrive, please know the total number of students and chaperones in your group. The group leader will need to check in at the front desk upon arrival.
• Your group will be greeted by Science Center staff and directed to your first activity.
• Students must be supervised by their teacher at all times.

Lunches
Visitors have the option to bring their own lunches, or they can purchase lunches through Subway at the Science Center. There are picnic tables available for groups for your lunch or snacks. If possible, we recommend leaving coolers, etc. on the bus until lunch time.

Chaperone Notes
One chaperone is required per 5 students at $6.00 per chaperone. Chaperones must be accounted for when final headcount is submitted.

*Groups will still be subject to the $6.00 per 5 student chaperone charge even if the minimum requirement is not met.

On the Day of the Class

• Due to material limitations, presentations and students cannot be added the day of the program.
• Our science educator will need a table at the front of the room. Laboratories require students to be seated at tables and access to a sink.

Outreach Notes
Have the Science Center come to you! Our science educator will bring a kit of materials and equipment to teach many of our programs at your school.

Payment Policy and Fees

• A 20% non-refundable deposit is due within 14 days of confirming your reservation.
• Final payment and headcount are due 14 days prior to your scheduled visit.
• No refunds or credits will be made for no-shows the day of visit.
• If final payment has not been received by the indicated day, reservations are subject to cancellation and your group may not be admitted. NO REFUNDS WILL BE GRANTED. Cancellations made seven (7) or more days prior to scheduled visits will be refunded less the 20% deposit. Rescheduling cannot be guaranteed due to limited availability.
• On the day of your scheduled visit, check in for your group at the Front Desk under your group/contact name. Additional tickets may be purchased at the group rate, on the day of your scheduled visit, providing space is available.
• Acceptable forms of payment are check, money order, or credit card (Visa or MasterCard).
• Please make checks or money orders payable to South Florida Science Center and Aquarium and mail to: South Florida Science Center, 4801 Dreher Trail North, West Palm Beach, FL 33405, Attention: Group Sales
• Surcharges may apply for special event days and holidays.
• Science Center Memberships, coupons and other discounts are not applicable with school group rates.
• Teacher Members receive $25 off the total cost of their first program.
• Instructors reserve the right to stop program at any time if student behavior is inappropriate.

In Preparation For Your Visit

Admission Educational Programs
Students $6.00 + $1.50 per program
Chaperones $6.00 + $3.00 per lab

Classroom Outreach Programs
Demonstration (up to 75) ........................................................ $250
Additional Demonstration (up to 75) ..................................... $125
Early Learning Program ......................................................... $200
Additional Early Learning Program ...................................... $100
Labs (per student) ................................................................. $9
Shark or Pig Dissection (per student) .................................... $12
Outreach Mileage Fees (per mile) .......................................... $1

Field Trips

Admission
Students $6.00
Chaperones $6.00

Educational Programs
+ $1.50 per program
+ $3.00 per lab
+ $6.00 per shark and pig dissection
Program Request Form

PLEASE FILL OUT THIS FORM COMPLETELY AND MAIL, FAX OR EMAIL TO:
South Florida Science Center, Attn: Group Sales Office, 4801 Dreher Trail North, West Palm Beach, FL 33405;
Fax (561) 832-4461; or programs@sfsciencecenter.org.

To sign up over the phone please call our groups sales manager at (561) 832-2026 or email us at programs@sfsciencecenter.org.
All calls will be returned within one business day.

Please note that your reservation date is not secured until our group sales office has contacted you with your confirmation number.

Teacher’s Name: ___________________________ Phone: ___________________________

Preferred Email: ___________________________

School Name: ___________________________ Fax: ___________________________

School Address: ___________________________

City: __________________ Zip Code: ___________ School Phone: ___________________________

Program: ___________________________ Grade Level: ___________________________

Is this program to be performed at the Science Center or at your school? ☐ Science Center or ☐ school

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<th>1st Choice</th>
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<td>PROGRAM TIME</td>
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Payment Method: ☐ Check (CK # ________________________) ☐ VISA ☐ MASTERCARD

Credit Card #: ___________________________ Exp. Date: ___________________________

Signature: ___________________________

Teacher members can receive $25 off their first program and 20% off each additional program booked for twelve months. A 20% non-refundable payment is due within 14 days of confirming your reservation (booking date).

Only credit will be granted for overages. You must cancel at least 24 hours before your scheduled program by phone or email to avoid a $50 cancellation fee.

☐ JOIN AS TEACHER MEMBER ($20) ☐ ALREADY A TEACHER MEMBER? ID number ___________________________

FOR OFFICE USE ONLY

Confirmation no.: ___________________________ Total Cost: ___________________________
Have the South Florida Science Center come and take over your Science Night for your school!

We offer 20 interactive science activities, experiments, and demos that will ROCK your Science Night! Your students will excite electrons by touching a plasma ball, hold a giant millipede in the palm of their hands, watch bubbles mist with a subzero dry ice experiment, and drop different size “meteorites” into a simulated moon terrain to measure crater size.

Each science station comes with materials and training instructions for an adult volunteer. A Science Center education specialist will be on hand to answer questions and to ensure an amazing Science Night!

Schools supply a large room (Cafeteria), 20 tables, and 20 volunteers. The Science Center brings the rest!

Have the South Florida Science Center plan a mind-blowing night of science, technology, engineering and math for your students and parents.

We offer 20 interactive activities, experiments, and demos that are sure to amaze! Your students will slice pizza into fractions, make volcanic eruptions, create geometrical origami, build functioning electrical circuits, and examine ooze tubes and liquid motion drippers to test the molecular polarity of chemicals.

Each activity station comes with materials and training instructions for an adult volunteer. A Science Center education specialist will be on hand to answer questions and to ensure an amazing STEM Night!

Schools supply a large room (Cafeteria), 20 tables, and 20 volunteers. The Science Center brings the rest!