

2010 - 2011
School Year
Programs

STEM Extension Programs (STEME)

(formerly Classroom Extension Program)
Field Trips to the Science Center

Mobile Outreach Program (MOP)

The Science Center comes to you

Science Center Mission: To inspire, motivate and stimulate innovative thinking in the area of science, technology, engineering, math and career development for K-12 students; enhancing their lives through instruction, hands-on, and experiential education delivered through partnerships with schools, corporations, universities, and the community.

Science Center of Pinellas County Inc
7701 22nd Avenue North, St. Petersburg, FL 33710
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Email: Info@sciencecenterofpinellas.org
www.sciencecenterofpinellas.org

The STEM Extension Program (formerly Classroom Extension Program) brings students in grades K-10 to the Science Center on class field trips to take part in hands-on science. These education workshops are specifically designed to supplement regular classroom with interactive laboratory experiences that align with Sunshine State Standards. CEP has been a part of the Pinellas County educational experience since 1961.

Registration for STEM Extension

Read the lab descriptions in the proper grade level.
The corresponding 2010-11 New Generation Sunshine State Standards follow each lab description.

Select either two 45 minute classes for grades K-3rd OR
one 1-½ hour class for grades 3rd – 10th.

Complete the reservation form and return it to the Science Center by
US Mail, PONY #3, fax to 727-343-5729, or email to
info@sciencecenterofpinellas.org.

WE CANNOT ACCEPT PHONE RESERVATIONS!

The STEME reservation form is on page 19.

Please understand that while we will try to give you your first choices, we can schedule only a limited number of labs on any given day. Your understanding is appreciated. If you have any questions or need assistance, please call our office at 727-384-0027.

STEME Registration Details

1. Scheduling

- Teachers may schedule more than one STEME field trip per class during the school year. Due to early release, no public school field-trips will be scheduled on Wednesdays. However, Wednesdays are available for private schools.
- EACH CLASS MUST BE ACCOMPANIED BY A TEACHER.

* STEME field trips begin August 30, 2010 and end May 20, 2010.

2. Lab Choices

***Kindergarten – 3rd Grades**

Two classes, 45 minutes each

***3rd Grade – 8th Grade**

One class, 1-1/2 hours

3. Lab Hours

*** Morning Labs - Public Schools**

10:45 a.m. to 12:15 p.m.

11:00 a.m. to 12:30 p.m.

*** Afternoon Labs - Public Schools**

1:00 p.m. to 2:30 p.m.

* **Private Schools** can request any class time from 9:00 am to 3:30 pm - since you are providing your own transportation.

If you choose to have your students eat lunch at the Science Center, your lab presentation WILL BE SHORTENED. Picnic tables will be first come first serve basis.

Total instruction time: 60 minutes Lunch Time: 30 minutes

5. Class Size

- * Pertains to all grades and all schools
- * Maximum
 - 60 Students for two 45 minute labs
 - 30 Students for one 90 minute lab

6. Fees

- Public and Private Schools: **\$4.00 per student** - Teachers and Chaperones are free.
- Public school bus transportation is free.
- Must pay for a minimum of 15 students.
- PAYMENT IS DUE AT TIME OF VISIT: Cash, Master card, Visa, Discover or check payable to: The Science Center
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7. Transportation

- Public Schools
 - Buses for public schools are available for morning sessions only and are FREE for any trips to the Science Center. The Science Center will arrange your school's transportation for your field trip.
- Pinellas County school buses require 30 students per bus but not more than 60 students and adults per bus.

Approximate arrival time of buses at schools will be:

Up-County - 10:00 a.m. /Down & Mid-County - 10:15 a.m.

NOTE:

It is important that we make efficient use of district transportation. If you are an individual teacher and do not have a minimum of 30 students, arrangements should be made with another teacher from your school to share the bus. Sharing the bus does not mean that you have to take the same classes—choose grade appropriate classes for your students. Please be advised the Transportation Department requires 10 business days notice for a field trip booking.

8. Cancellation Policy

- Please provide at least 10 days notice of cancellation, so we will have adequate time to cancel the bus.
- If less than 10 days please find a replacement class to fill in for the same STEME class at the Science Center.

Classes include hands-on experiences based on the Next Generation Sunshine State Standards. Each class introduces a number of content specific benchmarks and those representing the Nature of Science. The benchmarks listed below each description represent the primary focus of the class. Math, the language of science, is naturally integrated where appropriate.

Kindergarten

SEA LIFE (45 minutes)

The marine room with our 600-gallon touch tank will be home base for this class. Students will have the opportunity to touch our marine inhabitants (spider crabs, sea stars, hermit crabs, and more) as they learn how living organisms are alike and different in the way they look and the things they do. SC.K.L.14.3

PUSH AND PULL (45 minutes)

Children will be introduced to the Law of Gravity and will have the opportunity to explore how a push or a pull can affect the movement of an object.
SC.K.E.5.1, SC.K.P.13.1

DON'T DUCK, LOOK UP! (45 minutes)

Students will get their first look at the wonders of the night sky in this fun astronomy class. A planetarium show features Dudley Duck, who will take us on a journey to the stars. SC.K.E.5.2, SC.K.E.5.3, SC.K.E.5.4

1st Grade

SEE THE SEA (45 minutes)

Students will use their senses to explore some of the wondrous marine life that live in our world and discover their different habitats. In this class, students will see, touch, smell, and hear some of the Gulf of Mexico marine life found in our 600-gallon touch tank. No tasting, please! SC.1.L.14.1

IT'S ALIVE (45 minutes)

Students will come face-to-face with some of the Science Center's animal residents and learn how these animals meet their basic needs. Hands-on science fun will focus on the differences between living and nonliving things. SC.1.L.14.3, SC.1.L.17.1

WATCH IT GROW (45 minutes)

Plants are the subject of this hands-on class. Students will learn about the basic needs of plants, their major parts, and life cycles as they explore with fun hands-on activities.
SC.1.L.14.2, SC.1.L.17.1

PHYSICS ON THE MOVE (45 minutes)

Straight lines, zigzags, round-and-round all describe some of the ways things move. Students will explore these types of movement and more as they engage in hands-on science learning. They will also learn about gravity and how it is important. SC.1.E.5.2, SC.1.P.12.1, SC.1.P.13.1

SUN WATER AND CLOUDS, OH MY! (45 minutes)

Students will explore clouds in the sky, water on the earth, and our great bright sun in this exciting and educational weather class in our Bay News 9 Weather Room. Activities identifying the beneficial and harmful properties of the sun, as well as the importance of water and how to be safe around it will engage your first grade students. Occasionally a Bay News 9 meteorologist will join us to share his/her expertise. SC.1.E.6.2, SC.1.E.5.4

2nd Grade

OUR WONDERFUL BODIES (45 minutes)

This class is designed to give students an introduction to the human body and how its parts function. Students will hear the sound of their beating heart, meet Mr. Bones, and explore the importance of our stomach, muscles, and lungs. SC.2.L.14.1

A BUG'S LIFE (45 minutes)

Insects and arachnids may seem strange and creepy, but they are part of the largest group of living organisms on our planet-the arthropods. Students will have the opportunity to see and touch some of these amazing and diverse creatures while learning about their characteristics, life cycles, behaviors, and habitats. SC.2.L.16.1, SC.2.L.17.1, SC.2.L.17.2

HOW MATTER MATTERS (45 minutes)

Students will be introduced to the world of matter in this basic physical science class. We will observe and explore various objects and substances and understand how matter can be categorized. SC.2.P.8.1

FROM THE GROUND UP (45 minutes)

What is soil? How is it formed? Why is soil important for plants? These are some questions students will be able to answer as they get a close-up view of soil and how it supports plant growth. Students will enhance their learning through activities that involve soil classification and water retention while developing an understanding of soil's role in plant life cycles. SC.2.E.6.2, SC.2.E.6.3

OUR CHANGING WEATHER (45 minutes)

Students will explore wind, the sun, and changing weather patterns of Earth's seasons in our Bay News 9 Weather Room. What are the dangers of severe weather? Get an up close look at dangerous weather and how to be safe with fun hands-on activities and demonstrations. Before you leave, be sure to check out the Science Center's current weather conditions using our state-of-the-art weather station. Occasionally a Bay News 9 meteorologist will join us to share his/her expertise. SC.2.E.7.1, SC.2.E.7.3

3rd Grade (some classes are 45 minutes and others are 90 minutes)

ALL ABOUT ANIMALS (45 minutes)

Learn how scientists classify animals. Explore ways to classify animals based on their physical characteristics and behaviors. Meet some of the Science Center's resident animals and discover their unique features. SC.3.L.15.1

PLANTS, PLANTS, AND MORE PLANTS (90 minutes)

Can you identify a plant? Come along as we learn about plants, their life cycles, how they reproduce, and their structures. Explore our grounds as we find plant habitats and learn how to identify plants. SC.3.L.14.1, SC.3.L.15.2, SC.3.L.15.1

DEFINING A DROP (45 minutes)

Explore the wonderful world of water. Students will measure, compare, and investigate the various properties and states of water through the use of tools such as pipettes, beakers, flasks, and more. Enjoy a highly hands-on session about this everyday liquid we often take for granted. SC.3.P.9.1, SC.P.8.2

WHAT’S THE MATTER? (45 minutes)

Students engage in hands-on learning while exploring the various properties of matter. They will compare and contrast some of matter’s properties including shape, color, and texture.

SC.3.P.8.3

ENERGY OF LIGHT (90 minutes)

Students learn about forms of energy and explore light in-depth through a variety of hands-on activities, demonstrations, and experiments. Students will investigate how light travels and have fun using mirrors and prisms in this exciting physical science class.

SC.3.P.10.3, SC.3.P.10.4

I SEE STARS! (45 minutes)

Did you ever wonder why stars twinkle? Come along as we explore super giants and red dwarfs. Learn about our closest star and those far away. Join us for a virtual “space” adventure as we journey through the universe in our digital planetarium.

SC.3.E.5.1, SC.3.E.5.2, SC.3.E.5.3

4th Grade

FLORIDA’S DIVERSE ORGANISMS (90 minutes)

Discover the diversity of organisms found in Florida ranging from our wetland animals to the ocean creatures that inhabit the Gulf of Mexico. During this class students will learn about animal life cycles, behaviors, and characteristics as they meet some of the Science Center’s residents.

SC.4.L.16.4, SC.4.L.17.1

CONNECTING WITH NATURE (90 minutes)

In this class, students will explore our wetland area (weather permitting), while they learn about energy flow in natural environments. Food chains, food webs, and interdependence will be the topics for class activities.

SC.4.L.17.2, SC.4.L.17.3

FUN WITH PHYSICS AND TOYS (90 minutes)

Believe it or not, toys always function within the laws of physics. Students will explore motion, movement, speed, and force in this entertaining class where toys are the teaching tools.

SC.4.P.12.1, SC.4.P.12.2

AN ATTRACTIVE LOOK AT ENERGY (90 minutes)

This is a hands-on class in which students will learn the properties and uses of various forms of energy. Students will learn about energy conservation and explore alternative energy sources while racing solar and battery powered cars. Renewable vs. non-renewable sources of energy will also be explored in this “energizing” class held in our new Progress Energy classroom.

SC.4.P.10.2, SC.4.P.10.1, SC.4.P.10.4

WHY DOES IT MATTER? (90 minutes)

Students will learn about matter as they measure and compare a variety of objects and materials based on their physical properties during this interactive lab. After being introduced to the basics, they will have the opportunity to explore magnets and magnetism in-depth.

SC.4.P.8.1, SC.4.P.8.4

ROCK OUT (90 minutes)

Students will explore the three categories of rocks in this introductory petrology class. They will work with a variety of mineral specimens including metal ores and semi-precious varieties. We will also use field identification techniques; examine fluorescent minerals under ultra-violet light; and investigate physical weathering and erosion.

SC.4.E.6.2, SC.4.E.6.4

THE NIGHT SKY (90 minutes)

The sky above is always changing, but most nights you can look up and find stars, planets, and our moon. With our digital planetarium, we will explore the current night sky and find out what to look for during the season of your visit. This class is “out of this world”! SC.4.E.5.4

5th Grade

MAMMALIAN BODIES (90 minutes)

A firsthand encounter with hearts, kidneys, and bones is the focus of this class. Students will have the opportunity to identify mammalian organs and describe their functions through exploratory activities. Note: This class uses preserved and unpreserved specimens. There is also an additional charge for this class.

SC.5.L.14.1

NATURE’S SECRETS (90 minutes)

In this class, plant and animal survival skills are explored. Behaviors, physical characteristics, and life cycles will be discussed. Students will engage in activities that help them understand how living organisms respond to environmental changes and how these changes affect population growth or decline.

SC.5.L.14.2, SC.5.L.17.1

ENERGY TO HAVE AND TO HOLD (90 minutes)

In this class, students will trace an electrical system from the power company (provider) to the home (user). They will also learn more about various types of energy and how energy is converted to various forms. Students will engage in fun STEM activities as they race hydrogen fuel cell cars and exploring chemical energy.

SC.5.P.10.1, SC.P.10.2, SC.P.10.4

NEWTON IN SPACE (90 minutes)

Believe it or not, many things can be explained by physics. Learn how Newton’s Laws apply to common objects as well as satellites orbiting the Earth. Rotational inertia, center of gravity, potential and kinetic energy are just a few of the concepts covered in this “moving” class. SC.5.P.13.1, SC.5.P.13.2

INVESTIGATE IT (90 minutes)

Is it glurch, gak, goop, or oobleck? Students engage in scientific processes while they investigate non-Newtonian fluids and other cool stuff. Students will learn about basic properties of matter, compare and contrast states of matter, and be able to describe the effects of temperature on matter. SC.5.P.8.1, SC.5.P.9.1

WEATHER PREDICTION (90 minutes)

Join us in our Bay News 9 Weather Room as we learn about weather prediction. Types of fronts and how they cause changing temperatures and conditions will be discussed. Students will see how heat rises. They will also see the radar net screen, weather gauges on the big screen TV, and the current weather conditions at the Science Center. Occasionally a Bay News 9 meteorologist will join us to share his/her expertise.

SC.5.E.7.3, SC.5.E.7.4

WHAT’S IN A GALAXY (90 minutes)

The Milky Way is 100,000 light years in diameter and home to billions of stars. Learn more about the Milky Way and study objects in our Solar System such as the planets, moons, asteroids and more. A planetarium show will be part of this learning experience. SC.5.E.5.1, SC.5.E.5.3

Middle School

LIFE SCIENCE: DEVELOPMENT OF LIVING ORGANISMS (90 minutes)

This biological science class offers a comprehensive look into the human body and homeostasis, the body's ability to regulate its inner environment. Students will use microscopes to enhance their knowledge of cells and investigate the functions of the body's major systems through models and computer-aided learning. We'll add the "eek" factor by exploring some of the infectious agents that can affect the human body.

SC.6.L.14.2, SC.6.L.14.4, SC.6.L.14.5

LIFE SCIENCE: MICRO-WORLD (90 minutes)

Using microscopes, students will make wet mounts to observe living organisms collected from samples of pond water. This highly hands-on program includes taxonomy and examination of various phyla. Specimens include algae and protozoa to name a few.

SC.6.L.14.2, SC.6.L.14.4, SC.6.L.15.1

PHYSICAL SCIENCE: NEWTON'S PARK (90 minutes)

Engineering and physics partner in this exciting class that would make Sir Isaac Newton proud. Students will use teamwork, mathematics, simple machines, and critical thinking skills to explore Newton's Laws. SC.7.P.11.2, SC.6.P.13.3

INTEGRATED SCIENCE: FORENSICS (90 minutes)

Students will discover the exciting world of Forensic Science. Chemistry, toxicology, chromatography, technology and DNA identification are tools used by crime scene investigators as well as our budding scientists. Students will work together to solve a "crime". SC.8.P.8.8, SC.8.P.9.2

GEOLOGY: ADVANCED PETROLOGY (90 minutes)

This Earth Science class studies the structures and patterns of our changing planet. Erosion, plate tectonics, and human made earth changes such as deforestation, urbanization, and desertification are explored through activities, experiments, and the use of technology. SC.7.E.6.2, SC.7.E.6.4, SC.7.E.6.5

ASTRONOMY: EARTH IN SPACE AND TIME (90 minutes)

Students learn about moons, stars, planets, and other celestial objects found in the night sky. During this earth science class a visit to the Science Center's digital planetarium offers a grade level appropriate view into the ever expanding universe. Activities using technological materials round out this critical learning experience.

SC.8.E.5.3, SC.8.E.5.5, SC.8.E.5.7

INTEGRATED SCIENCE: MARINE SCIENCE (90 minutes)

Students will come to understand that marine science integrates the following four science disciplines: biology, physics, chemistry, and geology. Through hands-on activities and demonstrations students will get a closer look at the types of investigations scientists conduct in each of these areas.

SC.7.E.6.2, SC.6.E.7.4

INTEGRATED SCIENCE: ENVIRONMENTAL SCIENCE (90 minutes)

Students will explore our freshwater wetland area and learn about the connections between the living and nonliving components of this environment. They will be introduced to data collection as our wetland sensor system is explained followed by a trip to our technology lab to check recent readings online.

SC.6.E.7.4

ADVANCED WEATHER (90 minutes)

Students will further understand Earth's systems and patterns during this comprehensive exploration of weather. Our Bay News 9 Weather Room provides an excellent opportunity for studying weather, climate, heat transfer, and Earth's spheres. Occasionally a Bay News 9 meteorologist will join us to share his/her expertise.

SC.6.E.7.4, SC.6.E.7.5

High School

MAMMALIAN BRAIN DISSECTION (90 minutes)

Mammals have large, complex brains and are the only animals with a neocortex, the structure responsible for higher information processing. Students, working in pairs, will understand basic brain physiology when they dissect a sheep's brain. The examination of the cranial nerves and white and gray matter will provide a wealth of knowledge and insight into how the brain functions. SC.912.L.14.26, SC.912.L.14.27

SHARK DISSECTION AND MARINE BIOLOGY (90 minutes)

Sharks have lived on the earth for 350 million years. This class offers a look inside one of our planet's oldest animals. Students will come to a greater understanding of the reproductive organs, the large oil filled liver, and the cartilaginous skeleton during this dissection. There will also be a discussion of marine life and an opportunity to touch the animals in our 600 gallon touch tank. SC.912.L.15.7

If you would like to have a class customized for your group, please let us know.

Mobile Outreach Program

The Mobile Outreach Program (MOP) delivers hands-on science for elementary and middle school students at their schools, in their own classrooms. MOP is designed specifically to supplement regular classroom education with interactive programming that aligns with Next Generation Sunshine State Standards. MOP has been a part of the Pinellas County educational experience for 28 years.

REGISTERING FOR MOP

- Select a presentation in the proper grade level. The corresponding 2010-11 Next Generation Sunshine State Standards follow each description.
- Complete the reservation application and return it to the Science Center by US Mail, Pony #3, email to info@sciencecenterofpinellas.org or fax to 727-343-5729. **The reservation form for MOP is on page 15.**

We can schedule only a limited number of presentations on any given day. Your understanding is appreciated. If you have any questions or need assistance, please call our office at 727-384-0027.

MOP REGISTRATION DETAILS

1. Scheduling

- * Teachers may schedule more than one MOP visit per class during the school year.
- * Scheduling is on a first-come, first-serve basis.
- * MOP visits begin September 9, 2010 and end May 21, 2011

WE CANNOT ACCEPT PHONE RESERVATIONS!

2. Presentation Times

- * Start at 9:30 a.m. Please fill out the time information on the reservation form as completely as possible. This will help the scheduler make the best arrangements for your school.

3. Presentation Length and Class Size

- * Grades 1-4 – One presentation, 60 minutes. Maximum of 30 students.

4. Fees

* Grades 1-4 – \$200/visit (one 60-minute presentation). \$50 for an additional 30 minutes. **PAYMENT IS DUE AT TIME OF VISIT: Cash, MasterCard, Visa, Discover or check payable to: The Science Center.**

Class Choices

PHYSICS ON THE MOVE - First Grade

Straight lines, zigzags, round-and-round all describe some of the ways things move. Students will explore these types of movement and more as they engage in hands-on science learning. They will also learn about gravity and how it is important.
SC.1.E.5.2, SC.1.P.12.1, SC.1.P.13.1

A BUG'S LIFE - Second Grade

Insects and arachnids may seem strange and creepy, but they are part of the largest group of living organ-isms on our planet—the arthropods. Students will have the opportunity to see and touch some of these amazing and diverse creatures while learning about their characteristics, life cycles, behaviors and habitats.
SC.2.L.16.1—SC.2.L.17.1—SC.2.L.17.2

ENERGY OF LIGHT - Third Grade

Students learn about forms of energy and explore light in-depth through a variety of hands-on activities, demonstrations, and experiments. Students will investigate how light travels and have fun using mirrors and prisms in this exciting physical science class.
SC.3.P.10.3, SC.3.P.10.4

FUN WITH PHYSICS AND TOYS - Fourth Grade

Believe it or not, toys always function within the laws of physics. Students will explore motion, movement, speed, and force in this entertaining class where toys are the teaching tools.
SC.4.P.12.1—SC.4.P.12.2

Science Center MOP Reservation Form 2010 - 2011

Please complete the information below and return it to our office via Pony# 3, fax to 727-343-5729, scan, by US Mail, or email to info@sciencecenterofpinellas.org. Your confirmation will be returned to you. If you need assistance please call 727-384-0027.

NO PHONE RESERVATIONS WILL BE TAKEN.

<p>_____ Person Requesting Reservation</p> <p>_____ School Name</p> <p>_____ School Phone Number</p> <p>_____ School Address</p> <p>_____ City Zip</p> <p>_____ Pony #</p>	<p>_____ Teacher #1</p> <p>_____ Grade # of Students</p> <p>_____ Teacher #1 Email Address</p> <p>_____ Teacher #2</p> <p>_____ Grade # of Students</p> <p>_____ Teacher #2 Email Address</p>
<p style="text-align: center;">CHOOSE DATE</p> <p>1st Choice _____</p> <p>2nd Choice _____</p> <p>3rd Choice _____</p> <p style="text-align: center;">TIME INFORMATION</p> <p>School Starts at: _____ Ends at _____</p> <p>Students start to go to lunch at _____</p> <p>Lunch ends at _____</p> <p>Students go to PE/Art/etc at: _____</p> <p>Type Classroom</p> <p style="padding-left: 20px;">K-pod 1st Floor</p> <p style="padding-left: 20px;">Portable 2nd Floor</p> <p style="text-align: center;">Handicapped Students in this Group</p> <p>___ Wheelchair ___ Visually</p> <p>___ Hearing ___ Emotionally</p> <p>___ Mentally ___ Physically</p>	<p style="text-align: center;">CHOOSE PRESENTAION</p> <p style="text-align: center;">Please circle desired presentation</p> <p style="text-align: center;">1st Grade Physics on the Move</p> <p style="text-align: center;">2nd Grade A Bug's Life</p> <p style="text-align: center;">3rd Grade The Energy of Light</p> <p style="text-align: center;">4th Grade Fun with Physics and Toys</p>

Winter, Spring, and Summer Workshops

Our week-long classes are fun and educational, offering hands-on learning experiences for grades K-12.

Do you have students who would benefit from a fun, hands-on science program during the school breaks? From crime scene investigations, Lego Robotics and computer game design, we offer dozens of exciting programs for students grades K-12.

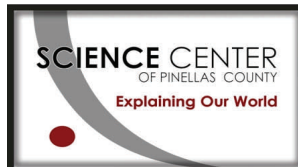
Contact the Science Center throughout the year for a Workshop brochure.

The Cyber Security Education and Certification Program:

This program is intended to provide students the essentials of computer networking, operating systems, hardware, software, firewalls, security levels, network management, ethics, protocols, security procedures, how to harden networks, risk and exposure factors, and much more. The content will directly prepare the student to pass the following industry recognized CompTIA (the Computing Technology Industry Association) certifications:

- A+
- Net+
- Security+

The program will be introduced October 11, 2010 for high school students. For more information regarding this program call Pam Bittaker at 727-384-0027 x 229.



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 www.sciencecenterofpinellas.org

SCIENCE CENTER STORE ORDER FORM –

Welcome to the Science Center of Pinellas County! Please use this order form for your shopping, as there will not be time to visit the store during your field trip. Instructions for using this form are as follows:

- Review both sides of the order form with your child. Fill out the form completely with your child's information and the items s/he wants.
- Place the completed order form and **exact cash payment or check** in an envelope or plastic bag.
- **Checks must be made out to The Science Center and include driver's license number, student name, teacher, and school.**
- Your child's teacher will collect the orders and bring them to the Science Center on the day of the field trip.
- **Florida sales tax is included in the item prices, but we gladly accept any contributions or donations!**

Student's Name: _____ [] Boy [] Girl School: _____

Teacher's Name: _____ Field Trip Date: _____

Item	Description	Price	Qty	Total
Science Center T-shirt	Brightly colored 100% cotton souvenir t-shirt with Science Center logo Choose from youth sizes: S (6-8) M (10-12) L (14-16) XL (18-20)	\$12.50		
Science Center Cap	Adjustable canvas baseball cap with embroidered Science Center logo Choose from: Pink Navy Khaki Light Blue	\$12.00		
Science Center Visor	Sporty canvas visor with embroidered Science Center logo Choose from: Navy Khaki	\$10.00		
Rock Collection Pencil	Science Center logo pencil with a vial of semi-precious stones	\$2.00		
Neon Pencil	Neon-colored pencil with Science Center logo	\$0.50		
Science Center Postcard	Various photographs of the Science Center, ready to mail	\$0.50		
Intro Chemistry Set	Perform more than 30 simple and safe experiments (Ages 8+)	\$36.00		
Beginner's Telescope	Sturdy 30mm telescope on tripod for celestial viewing (20/30/40X) (Ages 8+)	\$35.00		
Brain Box Electronics Kit	Basic snap circuits with instructions for over 180 activities (Ages 7+)	\$25.00		
Beginner's Microscope	100X-450X microscope with accessories for creating slides (Ages 8+)	\$18.00		
Ant Farm	Watch busy ants working underground (Ages 6+)	\$15.00		
Volcano Kit	Build and erupt your own reusable volcano (Ages 8+)	\$15.00		
Create a Night Sky Kit	Use this kit to make your own bedroom star projector (Ages 8+)	\$12.00		
Earth & Moon Model Kit	Create a pedestal mount earth with orbiting moon (Ages 7+)	\$12.00		
E-Z Build Space Kits	Scale models build in minutes; includes tools, display stand (Ages 8+) Choose from: Space Station Mir Saturn V Rocket	\$12.00		
Precision Gyroscope	Amazing gyroscope has near-perfect balance	\$12.00		
Solar Science Kit	Turn light into electricity with a photovoltaic motor cell (Ages 9+)	\$12.00		
Solar System Model Kit	Build and paint your own desktop model of our solar system (Ages 8+)	\$12.00		
Weather Science Kit	Make your own barometer and four other weather experiments	\$12.00		17
Basic Rock Collection	A display of igneous, metamorphic, and sedimentary rocks	\$10.00		
Newton's Cradle	Mesmerizing illustration of Newton's Third Law	\$10.00		

Item	Description	Price	Qty	Total
Hydro Clock	Remarkable clock runs on liquid - no batteries needed	\$6.00		
I Dig Dinosaurs	Dig a buried model dinosaur out of a large rock	\$6.00		
Life Cycle Stages	Lifelike replicas of the four stages of development Choose from: Butterfly Ant Frog	\$6.00		
Pet Tornado	Swirl the liquid in the cylinder to make a tornado on the go	\$6.00		
Sun Prints Kit	Sun-sensitive paper that you can use to make your own cool artwork	\$6.00		
X-Stream Glider	Awesome glider goes into hyper-drive in the air and under water	\$6.00		
Alligator Tooth Necklace	A real gator tooth in a brass shell, strung on a cord	\$5.00		
Fossil Dinosaur Skeleton	Build a realistic 8-10" dinosaur skeleton replica	\$5.00		
Glow Stars	An assortment of plastic glow-in-the-dark stars that stick on your ceiling	\$5.00		
Magna Buzz	Toss this pair of magnets into the air - they whirl, zip, and buzz	\$5.00		
Magnetic Marbles	A package of 12 colorful magnetic marbles	\$5.00		
Planisphere	Find and identify stars, planets, and constellations in our night sky	\$5.00		
Fridge Rover	Race this small car - even upside-down - using the power of magnetic force	\$4.00		
Prism	Change sunlight into rainbow colors of light	\$4.00		
Astronaut Ice Cream	Freeze-dried ice cream treat just like the kind astronauts enjoy in space Choose from: Neapolitan Mint Chocolate Chip Chocolate Chip	\$3.50		
Energy Bead Bracelet	White beads that become colorful in the sun (Ages 6+)	\$3.50		
Instant Super Snow	Mix with water to make over two quarts of fluffy white snow. Reusable.	\$3.50		
Popcorn Rock	This large rock grows popcorn-like aragonite crystals in vinegar	\$3.50		
Pouch of Gemstones	A velvet bag of polished semi-precious stones	\$3.50		
Shark Tooth Necklace	Genuine shark tooth on a suede cord	\$3.50		
Space Sand	Amazing reusable sand never gets wet; includes experiments	\$3.50		
Balloon Race Car	This little balloon-powered car will really go	\$3.00		
Compass	Go exploring with this sturdy compass and whistle on a string	\$3.00		
Diving Submarine	Fill the sub with baking powder and watch it dive and resurface	\$3.00		
Horseshoe Magnet	A large powerful magnet for use in metal attraction experiments	\$3.00		
Magic Tree	An amazing little tree that grows colorful crystals right before your eyes	\$3.00		
Magnifying Glass	A high-powered magnifier to give you an up-close look at nature	\$3.00		
Zoo Books	Amazing animal facts and beautiful photos	\$3.00		
Florida Alligator Teeth	One or more real alligator teeth plus interesting facts	\$2.00		
Dino Glider	A flying petrosaur glider	\$1.50		
Grow Dinosaur	Amazing dinosaur expands in water up to 600%. Reusable.	\$1.00		
Pencil Eraser	Brightly colored and amazingly detailed animal eraser	\$1.00		18
Glow Lizard	This cute little lizard glows in the dark	\$0.50		
Whacky Whirlers	A hand-launched aerocopter	\$0.50		
	Total			

Science Center STEM Extension Reservation Form 2010-2011

Please complete the information below and return it to our office via Pony #3, US mail, fax to 727-343-5729, or email to info@sciencecenterofpinellas.org. Your confirmation will be returned to you by Pony. **No phone reservations will be taken.** If you need assistance call 727-384-0027.

Person requesting reservation

Email of Person Requesting

School Name

School Phone Number

School Address

City _____ Zip _____

Pony #

Teacher #1

Grade _____ # of Students _____

Teacher #1 Email Address

Teacher #2

Grade _____ # of Students _____

Teacher #2 Email Address

Teacher #3

Grade _____ # of Students _____

Teacher #3 Email Address

CHOOSE DATE
1st Choice _____
2nd Choice _____
Note: If your first or second date choices are not available a date as close as possible to your request will be selected. Are there any days of the week that you do not want scheduled? _____
TIME
Private Schools only from 9:00 am to 3:30 pm _____

CHOOSE LABS
Grade _____
1st Choice _____
2nd Choice: _____
3rd Choice: _____
4th Choice: _____

Please indicate number of handicapped students:
___ Wheelchair ___ Visually ___ Hearing ___ Emotionally ___ Mentally
___ Physically List any special programs these students are involved in: _____

Science Center
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www.sciencecenterofpinellas.org

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