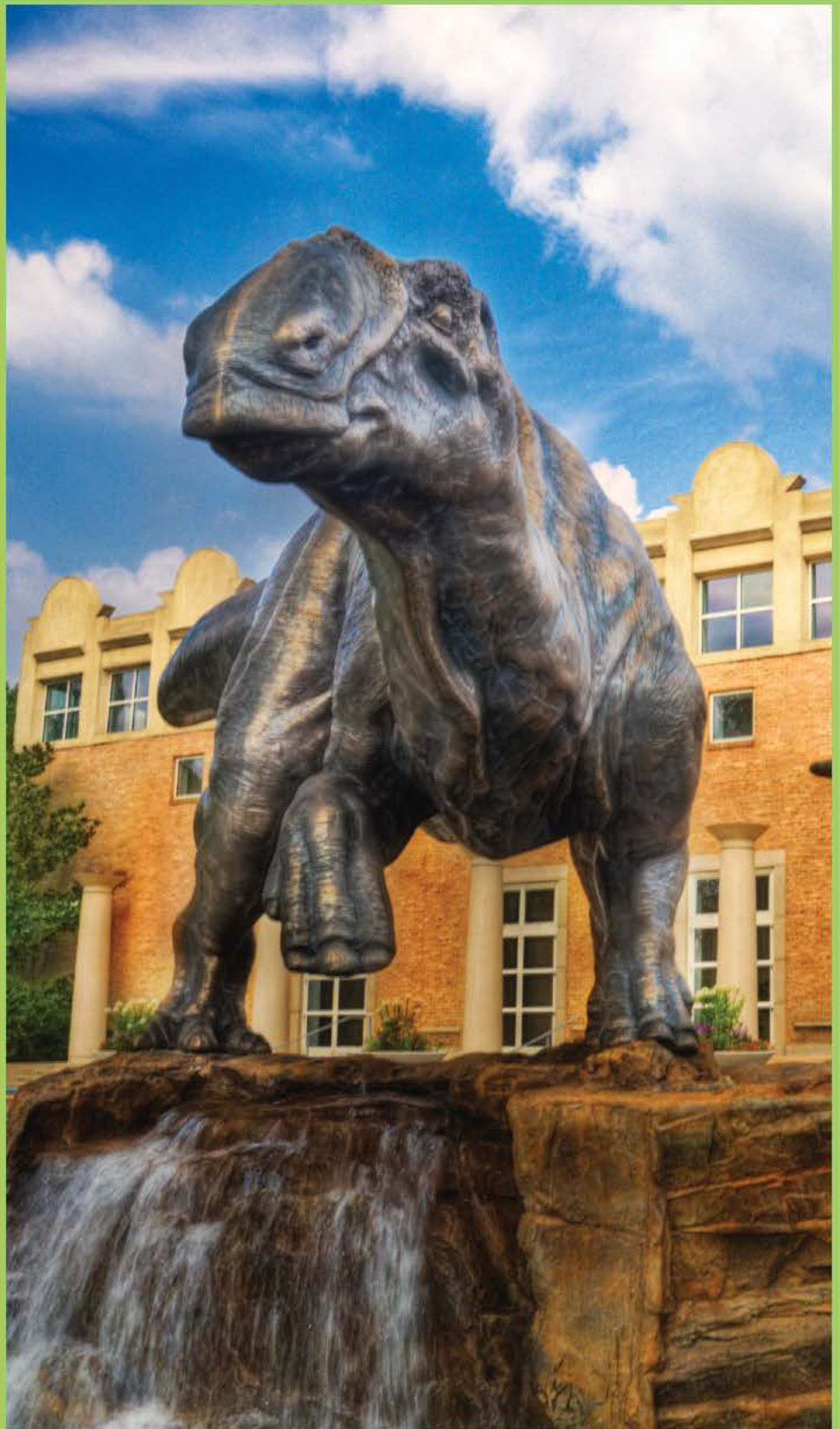


School Programs Guide

2011–2012

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Give your students a hands-on, minds-on adventure!

Science and the natural world come to life at Fernbank Museum as your students explore educational exhibitions, experience IMAX® films and engage in curriculum-based auditorium programs. All exhibits, films and programs are correlated to Georgia Performance Standards.

Highlights:

- Take a hands-on journey through an immersive, nature-inspired environment and meet live animals in *Fernbank NatureQuest*, featuring opportunities to explore an ocean, river, forest, waterfall, cave and more! See page 3 for details.
- Explore our special exhibitions: *Darwin* (Fall 2011) and *Wildlife Rescue* (Spring 2012). See page 4 for details.
- Add an engaging auditorium program to your visit. See pages 5–6 for details.
- Use our scavenger hunts to incorporate GPS-correlated activities into your visit. See page 8 for details.
- Enjoy a native dinosaur encounter with Fernbank's hadrosaur family at the *Dinosaur Entrance Plaza*. (Pictured on cover.)

Thank you for making Fernbank Museum of Natural History part of your 2011-2012 lesson plan.
Let us help you inspire your students!

One-of-a-Kind Exhibitions!

Exhibitions at Fernbank Museum are interdisciplinary and support K-12 Georgia Performance Standards. Please contact us at 404.929.6320 or visit fernbankmuseum.org/fieldtrips and let us help you create the perfect field trip!

A Walk Through Time in Georgia

Discover two exhibits in one as you explore Georgia's natural regions and the history of the Earth. Journey from the Piedmont to the Coast and Barrier Islands, and encounter towering dinosaurs, a dazzling underwater habitat, and a realistic Okefenokee Swamp. The exhibit's 16 galleries bring the natural world to life and vividly reveal how the Earth's landscapes and life forms have changed through time.

 [FREE exhibition guide and grade-specific activity sheets available online.](#)
[Corresponding auditorium program.](#)

Fernbank NatureQuest

Be a scientist and embark on a quest to enjoy live animal habitats and over 100 hands-on opportunities starting at exploration headquarters—a clubhouse—in this all-new, permanent exhibition. Featuring a highly immersive atmosphere, *Fernbank NatureQuest* inspires students in Pre-K through 4th grade to go on an open-ended journey of the natural world as they investigate a waterfall, a river, a swamp, an estuary, the deep sea, a forest, a rock wall, a cave and an archaeology excavation.




 [FREE exhibition guide available online.](#)




Giants of the Mesozoic

Step into prehistoric Patagonia, and stand among the world's largest dinosaurs, flying pterosaurs and other fossils dating back 100 million years.

 [FREE exhibition guide available online.](#)
[Corresponding auditorium program.](#)

Reflections of Culture

Discover how people communicate information about themselves without words, but rather through their clothing, jewelry and even body modification. Authentic artifacts from around the world allow your students to explore culture, geography, economics and politics. Interactive stations help students identify how what they wear can reflect aspects of their own culture, including group membership, status and beliefs.

 [FREE exhibition guide available online.](#)
[Corresponding auditorium program.](#)



The World of Shells and The Star Gallery

Discover exquisite shells collected from the coast of Georgia and shores throughout the world. Learn about stars and constellations and view live-streaming images from NASA's Hubble Space Telescope and the James Webb Space Telescope.

 [FREE activity guide available online.](#)

Conveyed in Clay: Stories from St. Catherines Island

Explore 5,000 years of Georgia's history as revealed by artifacts discovered on this barrier island. Trace Native Americans' innovation, from North America's oldest pottery to 16th-century artifacts. See the evidence of European contact and explore how these cultures influenced each other. Discover how archaeologists have pieced together these stories from the fragments left behind.

Sensing Nature

Science is a hands-on adventure in this demonstration of the role our senses play in interpreting the world around us. Interactive stations employ mirrors, lenses and other tools to help students investigate the properties of light and sound, and how our brain makes sense of what we see and hear.

To download exhibition guides, exhibition activity sheets and auditorium program summaries, visit fernbankmuseum.org/education/online-resources.aspx.



Special Exhibitions

Darwin

September 24, 2011 – January 1, 2012*

Explore the extraordinary life and discoveries of Charles Darwin, whose striking insights forever changed the perception of all species on Earth and provided the foundation for modern biological science. Peer into Darwin's world and join his voyage of discovery as you encounter live species, authentic artifacts, a recreation of his study, pages from his manuscripts and more.

Wildlife Rescue

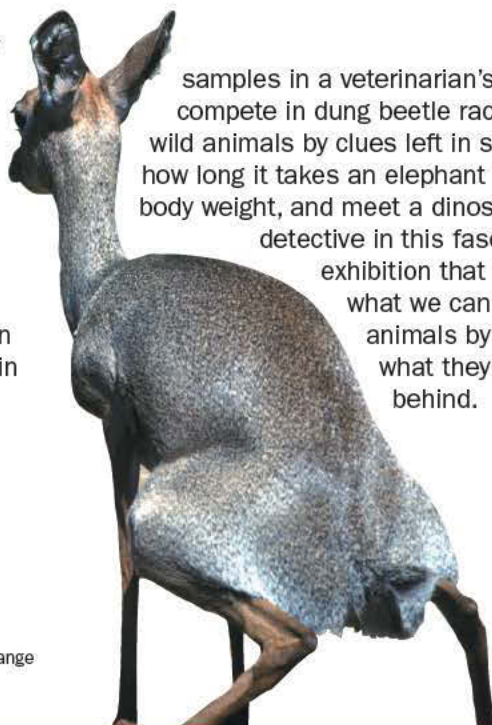
February 4 – May 6, 2012*

Experience the excitement of rescuing and returning diverse creatures back to the wild. Explore the new, emerging science of "Restoration Biology" that is saving all types of animals from the brink of extinction in this engaging and interactive exhibition.

The Scoop on Poop Opens Summer 2012*

Fish do it, frogs do it, pythons, eagles, and elephants do it, yet poop is one of those subjects we find difficult to talk about with a straight face. Listen in on a bear's digestive system, learn the language of poop in countries around the world, examine fecal

samples in a veterinarian's lab, compete in dung beetle races, track wild animals by clues left in scat, see how long it takes an elephant to poop its body weight, and meet a dinosaur dung detective in this fascinating exhibition that reveals what we can learn about animals by examining what they leave behind.



*Dates and titles subject to change without notice.

Special Holiday Exhibition

Winter Wonderland

November 16, 2011 –
January 8, 2012

Celebrate holidays, traditions and cultures in this festive exhibition and programming series that features decorated trees, dance groups, musical acts, cultural demonstrations, craft opportunities and more. Explore the *Winter Wonderland* activities at fernbankmuseum.org/visit-fernbank/events-activities. (Details will be available starting Fall 2011.)



In the IMAX® Theatre

Experience the industry's largest film format through breathtaking imagery splashed on a giant screen measuring five stories high and 72 feet wide.

Hubble

August 12, 2011 – January 1, 2012*

Join spacewalking astronauts as you journey through distant galaxies to explore the mysteries of our celestial surroundings. Take a unique look into the Hubble Space Telescope's legacy as you experience this gripping story—full of hope, ingenuity, bravery and triumph—that reveals how we view the universe and ourselves.

Galapagos

September 2, 2011 – January 1, 2012*

Journey deep into the largely unknown waters surrounding the volcanic archipelago of the Galapagos Islands to explore the natural wonders of a realm that is truly a living science laboratory.

Born to be Wild

Opens early 2012*

Meet the extraordinary people who rescue orphaned orangutans and elephants—saving endangered species one life at a time in the lush rainforests of Borneo. Join world-renowned primatologist Dr. Biruté Mary Galdikas and celebrated elephant authority Dame Daphne M. Sheldrick as their teams rescue, rehabilitate and return these incredible animals to the wild.

To the Arctic

Opens 2012*

Go on a voyage to the Arctic, an annual destination for countless animals that journey from around the world to give birth to their young and feed on the bounty of life that exists in one of the harshest environments on the planet. Learn about dramatic changes that threaten this delicate balance of life as you explore the ocean and tundra, and witness the amazing complexity of this icy environment.



*Dates and titles subject to change without notice.

For more information and the most current IMAX® schedules, visit fernbankmuseum.org/experience-imax.

Auditorium Programs

Enhance your field trip experience with an auditorium program taught by a Fernbank educator. Programs include active discussion, fun visuals, live specimens and unique artifacts. All programs are correlated to Georgia Performance Standards and last 40 to 50 minutes.

Use this chart to find the perfect auditorium program for your grade level and curriculum needs, and call for date and time availability.

Program descriptions can be found on page 6. More information, including curriculum standards and pre- and post-visit activities, can be found online at fernbankmuseum.org/discover-and-learn/field-trips/auditorium-programs.



EARTH SCIENCE

Dinosaurs Alive!

Explosive Earth:

Volcanoes & Earthquakes

K 1 2 3 4 5 6 7 8 9 10 11 12

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LIFE SCIENCE

Lifestyles of the Green and Furry

Georgia's Natural Regions

Amazing Animals

K 1 2 3 4 5 6 7 8 9 10 11 12

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HUMAN CULTURE

Reflections of Culture

K 1 2 3 4 5 6 7 8 9 10 11 12

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Auditorium Program Descriptions

Dinosaurs Alive!

Investigate the evidence that fossils provide about prehistoric life on Earth, with a special focus on Fernbank's dinosaur collection. Find out where fossils are found and how they form. This engaging program features authentic fossils and life-sized models.

Grades 2-3 • 25-150 students

Explosive Earth: Volcanoes & Earthquakes

Witness the awesome power of planet Earth and learn what goes on miles beneath the surface. Discover what makes massive slabs of rock move—often with explosive force—and find out how these sometimes-destructive events have helped shape our planet. Students learn about the constructive and destructive forces that drive these geologic events and about plate tectonics through demonstrations, discussion and video.

Grades 5-9 • 25-150 students

Georgia's Natural Regions

Discover the diversity of our state's regions and their unique ecosystems. Through discussion, demonstration and a live animal presentation, students are entertained and enlightened as they learn about our remarkable state and its natural resources.

Grades 3-8 • 25-150 students

Lifestyles of the Green and Furry

Plants and animals come to life in this engaging program! Demonstrations using live animals and plants, along with interactive learning, teach students about the basic needs of plants and animals, life cycles and habitats.

Grades K-2 • 25-150 students

Amazing Animals

Discover the wonders of the animal kingdom as you meet a few members of Fernbank's live animal collection. Insects, turtles, lizards and more will help your students understand habitats, adaptations, and the important roles these animals play in the environment. Our living animal ambassadors will inspire your students to appreciate and protect the natural world.

Grades 2-8

25-150 students

Reflections of Culture

Explore how people from cultures around the globe express social, economic and political messages through their clothing, jewelry and even body modification, like tattoos. Students will identify how what they wear can reflect aspects of their own culture, including group membership, status and beliefs.

Grades 6-12

25-150 students

More information, including curriculum standards and pre- and post-visit activities, can be found online at fernbankmuseum.org/discover-and-learn/field-trips/auditorium-programs.

Special Field Study Outreach Program—Grades 6–12

UrbanWatch Atlanta

Help connect your students with the environment through this **unique, hands-on field study program**.

- Investigate and improve local green spaces using authentic scientific research methods.
- Learn to identify native and invasive plant species.
- Discover why native biodiversity is key to a healthy ecosystem.

This hands-on, inquiry-based program helps fulfill a variety of Georgia Performance Standards and includes materials, training and visits to your school by a Fernbank educator.

UrbanWatch Atlanta can include in-depth research projects, school yard improvement and other environmental learning activities.

A limited number of restoration field trips to Fernbank Forest are also available. There is a fee for restoration field trips. **Participation for Title 1 schools is free.**

To book your program, contact us at urbanwatch@fernbankmuseum.org or 404.929.6396. Visit fernbankmuseum.org/discover-and-learn/urbanwatch for more information.



Just For Educators

Educator Evening at Martinis & IMAX®

Friday, September 9, 2011, 4:30 p.m. – 6:30 p.m.

- After-hours access to exhibits, including *Fernbank NatureQuest*
- Free IMAX® film
- Free **Martinis & IMAX®** cover charge
- A private reception just for educators, including one free drink.

Enjoy a night just for educators at **Martinis & IMAX®**! Fernbank's Field Trip Team will host a special opportunity to explore the Museum's exhibits, films, programs, educator resources and more while helping you plan the perfect field trip. After you discover all the resources available to educators, stick around to enjoy the live music and great atmosphere at **Martinis & IMAX®**. Call 404.929.6400 for more details and to make your free reservation*.

* This event is offered exclusively for educators ages 21 and up with proper ID. IMAX seating is based on availability. Reservation required.

Educator Preview Days

Tuesdays and Thursdays, 2 p.m. – 5 p.m., August – May

Tour the Museum, see an IMAX® film and discover why Fernbank is the ideal choice for a field trip. A Field Trip Team member will meet with you to discuss program offerings, educator resources and answer any questions.

Advance reservations and proper ID are required. Call 404.929.6320 or e-mail fieldtrips@fernbankmuseum.org to schedule your appointment.

Educator E-newsletter

Sign up to receive our monthly e-newsletter highlighting programs, exhibitions, films, educator-only events and special offers.

To sign up, e-mail us at justforeducators@fernbankmuseum.org.

Educator Memberships

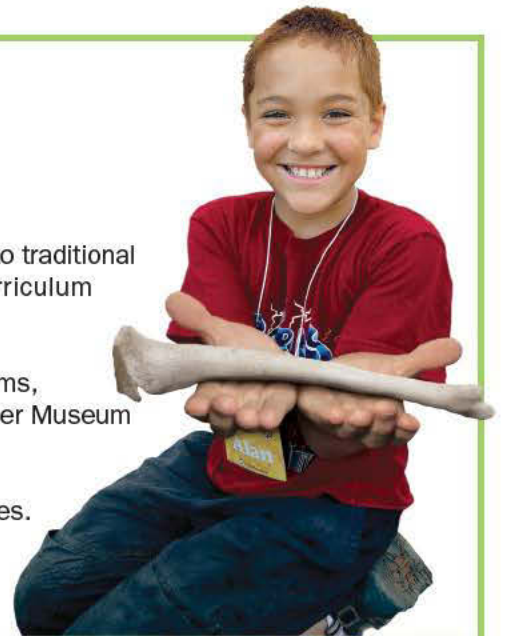
Share the adventure of Fernbank Museum with your family. Educators receive up to \$30 off a Museum membership. Becoming a member is an ideal way to get advance notice of special exhibitions, IMAX® films and program opportunities. Plus, you'll enjoy FREE Museum admission and other great perks. Join today by contacting us at 404.929.6340 or membership@fernbankmuseum.org.

Homeschool Opportunities

Homeschool groups are invited to enjoy many of the same opportunities offered to traditional school groups, including education admission prices and access to free curriculum resources (see below).

Homeschool groups of 25 or more are welcome in any of our auditorium programs, provided grade level requirements are met. We also invite you participate in other Museum programming, such as [Family Activity Days](#).

Homeschools must present a State Letter of Intent to qualify for educational rates. Education rates apply to students only. Please remember: reservations are required at least 48 hours in advance.



Curriculum Resources

Exhibition Guides, Scavenger Hunts, Activity Sheets and More

Take advantage of free resources created by Fernbank educators to correspond with our permanent exhibitions. When available, we will offer similar guides for special exhibitions and IMAX® films.

Auditorium Program Summaries

Get more out of your program with pre- and post-visit activities developed by Fernbank educators. Visit our Web site and click on program names to download a comprehensive description with curriculum standards, key vocabulary and classroom activities.

To download these resources, visit fernbankmuseum.org/fieldtrips.



Helpful Hints

- We suggest scheduling field trips early in the week (Monday, Tuesday or Wednesday) to give your students more time and space to explore, as Thursday and Friday are our busiest days.
- When scheduling your trip, please have four possible dates in mind.
- Most IMAX® films are approximately 45 minutes long and late seating will be at the Museum's discretion.
- Complete information on exhibitions, IMAX® films, curriculum guides and more can be found online at fernbankmuseum.org.
- After making your reservation, download a [Field Trip Action Plan](#). This helpful guide has everything needed to make your field trip a success, such as check-in instructions, field trip policies, chaperone information, Museum floor plans, lunch order forms, Nature Pack order forms and more!

Museum Store

Take the Fernbank experience home with a souvenir from the [Museum Store](#). Choose from a variety of fun and educational items: dinosaur erasers, fossils, magnifiers, magnets, prisms and more. The Museum Store also offers a wide selection for educators, such as posters, science books and kits.

If time does not permit a visit to the store, pre-purchase Nature Packs appropriate for grades pre-K through elementary at a cost of \$3 per pack. To order packs for your students, download an order form from the Field Trip Action Plan on our [Web site](#) and fax to 404.929.6405 at least 10 days prior to your scheduled visit.

Lunches

School Groups are invited to eat lunch in the Great Hall, on the Terrace, on the front lawn or on the *Dinosaur Entrance Plaza*.

Bring Your Own

Lunches can be stored under the staircases in the Great Hall or on your buses.

Lunch With Us

Pre-order affordable school lunches. Simply download an order form from the Field Trip Action Plan on our [Web site](#) and fax it to 404.929.6405 at least two weeks prior to your scheduled visit. Lunches are \$6.50 plus tax.

Title 1 Funding

Limited grant-funded admission assistance is available to Title 1 schools for field trips. To learn more about availability of the grants and to make your reservation, please call 404.929.6320.

Field Trip Prices

Available with Advance Reservations only.

Itineraries and Prices per Student

Itinerary	Estimated Time*	Admission Fee
Museum Admission	1 hour, 30 minutes	\$7
IMAX® Only	50 minutes	\$7
Museum Admission & IMAX®	2 hours, 20 minutes	\$11
Double IMAX®	1 hour, 40 minutes	\$11
Museum Admission & Program	2 hours, 20 minutes	\$8
IMAX® & Program	1 hour, 45 minutes	\$8
Museum Admission, IMAX® & Program	3 hours, 20 minutes	\$12
Museum Admission & 2 IMAX®	3 hours	\$16

Adult chaperones are given complimentary admission on a ratio of 1 adult to 10 students. Additional adults that are included in the field trip reservation are admitted at the discounted rates of: Museum \$15.50; IMAX® \$11; Museum & IMAX® \$21; Museum & Program \$16.50; IMAX® & Program \$12; Museum, IMAX® & Program \$22. All persons not included in the reservation must purchase tickets at individual admission rates on a space-available basis. Auditorium Programs are not available for same-day purchase. Bus drivers receive complimentary admission. Please include the number of bus drivers in your reservation and final head count at check-in. If your group has less than 10 students, adults must pay individual admission rates.

* Estimated times do not include breaks between activities, lunch, store visits or travel time to/from the Museum. If your trip will include a lunch break, we suggest you allow an additional 45 minutes.

Tax Exemption

Public schools and accredited private schools located in Georgia may qualify for tax exemption on admission, IMAX® films, Museum Store purchases and school lunches by submitting a copy of their State Tax Exemption Letter issued by the State of Georgia Department of Revenue prior to your visit.

Three Easy Ways to Book

- Make reservations online at fernbankmuseum.org/discover-and-learn/field-trips/online-reservations/
- Download the registration form and fax it to 404.929.6405
- Call the Field Trip team at 404.929.6320

You will receive a confirmation letter upon making your reservation. All reservations must be made at least 48 hours in advance. A 50% deposit is required two weeks prior to the day of your field trip. Please refer to your confirmation letter for the exact deposit amount and due date. The deposit is fully refundable provided the trip is cancelled at least one week in advance. Failure to meet your deposit deadline may result in cancellation of your reservation.

After scheduling your field trip, download our [Field Trip Action Plan](#) for checklists and other helpful info for your group.





Thank you, Fernbank Education Partners:

Sherri and Jess Crawford

*

The Coca-Cola Company

*

The Isdell Family

*

The Livingston Foundation, Inc.

*

The Devereaux F. and Dorothy M. McClatchey Foundation, Inc.

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Foundation for Greater Atlanta • Fay and Barrett Howell

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*

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Kaiser Permanente • The Rich Foundation • The UPS Foundation, Inc.

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* Every effort has been made to ensure accuracy. Please report any corrections to the Development Office at 404.929.6376 or development@fernbankmuseum.org. The above listing does not recognize gifts to The Annual Fund or the Capital Campaign.



767 Clifton Road, NE Atlanta, GA 30307 404.929.6300

General Information

For general Museum information, including hours of operation, directions and programming information, visit fernbankmuseum.org.

Contact Us

Please contact us at 404.929.6320 or e-mail fieldtrips@fernbankmuseum.org for more information.

Connect With Us

Keep up to date on the latest news and offerings by subscribing to our Just for Educators e-newsletter. To join, e-mail us at justforeducators@fernbankmuseum.org. Learn more ways to stay connected with Fernbank at fernbankmuseum.org.



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