



STUDENT & EDUCATOR PROGRAMS

2011

2012



## A NOTE FROM OUR EDUCATORS!

Welcome to the 2011-2012 school year! We invite you to join us in incorporating The Field Museum into your curriculum. Our own students have enjoyed focus field trips to the Museum—from exploring the *DNA Discovery Center* and *Evolving Planet* to conversing with scientists, these experiences have provided



invaluable opportunities for our students—and us—to see and touch authentic specimens and artifacts.

In addition to engaging our students in the sciences, we have grown personally and professionally through our interactions with The Field.

Not only have we been able to take advantage of the professional development that the Museum offers, we have also developed friendships with teachers throughout the city and suburbs. We hope to see some new faces in the coming school year and want to welcome you into The Field Family.

We look forward to meeting you at the Educator Open House on October 11!

Sincerely,

Carrie Kaestner, CPS High School Teacher, Field Ambassador

Tammy Haggerty Jones, CCSD 168 Elementary Teacher, Field Ambassador

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*The Field Museum salutes the people of Chicago for their longstanding, generous support of the Museum through the Chicago Park District. In addition, Museum programs are partially supported by a CityArts Program 4 Grant from the City of Chicago Department of Cultural Affairs and the Illinois Arts Council, a state agency. In accordance with Title IX of the Education Amendments Act of 1972, we do not discriminate on the basis of sex in our programs or activities. Please call 312.665.7271 to contact our Title IX Coordinator in the human resources department should you have any questions or concerns.*

# Field Trip Registration

## REGISTRATION

- \* Register for field trips and student programs at [fieldmuseum.org/schools/field-trip-programs](http://fieldmuseum.org/schools/field-trip-programs)
- \* Pre-registration is required for all teachers, chaperones, and students at least 14 days in advance of visit. Field trips and student programs are only available for groups of 15 or more.
- \* Basic admission includes all permanent exhibitions, with the exception of *Underground Adventure* and the *Crown Family PlayLab*.
- \* *Underground Adventure* and all temporary exhibitions are ticketed. Review field trip pricing for special exhibitions on page 4.
- \* Entrance to the *Crown Family PlayLab* requires registration for a student program or self-guided exploration. Walk-in groups not permitted.
- \* Free lunch seating is available in the Sea Mammals area (ground level). This space is first-come, first-served. A \$65 fee per group for use of the Siragusa Center applies to schools and organizations outside of the city of Chicago. There is no fee for Chicago schools and organizations.
- \* Registration for groups is required on Museum Free Days. Groups that do not pre-register may not be admitted.

## CHAPERONES

- \* Pre-K through 2nd grade students must be accompanied by a minimum of 1 adult for every 5 students and a maximum of 1 adult for every 3 students.
- \* 3rd through 12th grade students must be accompanied by 1 adult for every 10 students.
- \* Adults in excess of the ratio not included in pre-registration will be subject to full admission costs upon arrival.

- \* Failure to abide by the required chaperone ratio may result in your group being turned away. Students must remain with their chaperones at all times. Failure to adequately supervise your group may result in the group being asked to leave the Museum.

## PRICES AND PAYMENT

- \* Payment is due 30 days prior to your visit, or at the time of registration if your visit is fewer than 30 days away. Send payment to: Field Trip Reservations Office, The Field Museum, 1400 South Lake Shore Drive, Chicago, IL 60605.
- \* Prices are subject to change. Visit [fieldmuseum.org/schools/field-trip-planning](http://fieldmuseum.org/schools/field-trip-planning) for current pricing.
- \* To cancel or revise your reservation email [fieldtrip@fieldmuseum.org](mailto:fieldtrip@fieldmuseum.org). Cancellations or changes to reservation must be made 14 days prior to scheduled visit to receive refund.
- \* Groups that arrive at the Museum with fewer people than were paid for at time of reservation will not receive a refund.

## EMAIL CONFIRMATION

- \* You should receive an email confirmation within two weeks of completing your on-line registration. If you do not receive your email confirmation within 2 weeks, please call 312.665.7500 or email [fieldtrip@fieldmuseum.org](mailto:fieldtrip@fieldmuseum.org) as soon as possible, M-F, 8:30am-4:30pm.
- \* Review your confirmation carefully including the date of your field trip, any special exhibition tickets with assigned entry time, lunch reservations, any student program registrations, bus parking, and information for students with special needs.

# Field Trip Pricing

	Basic Admission	Basic Admission + Underground Adventure OR 1 Ticketed Exhibition	Each Additional Ticketed Exhibition or 3D Film
Students from pre-registered organizations in Chicago	FREE	FREE	\$5
Illinois students from pre-registered organizations outside of Chicago	FREE	\$5	\$5
Teachers and chaperones necessary to meet the required chaperone ratio	FREE	FREE	FREE
Teachers and chaperones in excess of the required chaperone ratio	\$13.50	\$20.75	For Basic Admission, 2 or more ticketed exhibitions, and 3D Films = \$25

## IMPORTANT NUMBERS TO KNOW

### RESERVATIONS OFFICE

312.665.7500 [fieldtrip@fieldmuseum.org](mailto:fieldtrip@fieldmuseum.org)

### STUDENT PROGRAMS (ON-SITE AND OFF-SITE)

312.665.7548 [studentprograms@fieldmuseum.org](mailto:studentprograms@fieldmuseum.org)

### EDUCATOR PROGRAMS & SCHOOL PARTNERSHIPS

312.665.7536 [educators@fieldmuseum.org](mailto:educators@fieldmuseum.org)



# STUDENT PROGRAMS AT A GLANCE

Grade	Program	Page	ILS Goals	Available at your school?	
Pre-K-2	PlayLab: Self-Guided Exploration	6	*		
	PlayLab: Fossil Dig!	6	7, 12, 16		
	Guided Tour, Pawnee Earth Lodge <i>(grade 2 only)</i>	6	16, 18		
3-5	The Art of Ancient Pottery	7	16, 17, 27	Y	
	Soil Adventure	7	11, 12, 13	Y	
	Egypt Unwrapped	7	16, 17, 18	Y	
	Guided Tour, The Ancient Americas	7	16, 18		
	Guided Tour, Pawnee Earth Lodge	7	16, 18		
	Guided Tour, Dinosaurs	7	12		
	Guided Tour, Africa	7	17		
	Guided Tour, Indigenous Peoples of Northwest Coast and Arctic	7	17, 18		
	Guided Tour, Ruatēpupuke II: Maori Meeting House	7	18		
	Guided Tour, Inside Ancient Egypt	7	16, 18		
	The Great Fossil Hunt	8	11, 12, 13	Y	
	Waking the T. rex 3-D: The Story of SUE	8	11, 12, 13		
	6-8	Unraveling DNA	9	11, 12, 13	
		Renewable Energy Vehicle: From the Fryer to the Fuel Tank	9	11, 12, 13	Y
		Renewable Energy Vehicle: Runnin' on Sun	9	11, 12, 13	Y
Guided Tour, The Ancient Americas		9	16, 18		
Guided Tour, Pawnee Earth Lodge		9	16, 18		
Guided Tour, Dinosaurs		9	12		
Guided Tour, Africa		9	17		
Guided Tour, Indigenous Peoples of Northwest Coast and Arctic		9	17, 18		
Guided Tour, Ruatēpupuke II: Maori Meeting House		9	18		
Guided Tour, Inside Ancient Egypt		9	16, 18		
Soil Adventure		10	11, 12, 13	Y	
Egypt Unwrapped		10	16, 17, 18	Y	
The Great Fossil Hunt		10	11, 12, 13	Y	
The Art of Ancient Pottery		10	16, 17, 27	Y	
Waking the T. rex 3-D: The Story of SUE		10	11, 12, 13		
9-12	Unraveling DNA	11	11, 12, 13		
	Renewable Energy Vehicle: From the Fryer to the Fuel Tank	11	11, 12, 13	Y	
	Renewable Energy Vehicle: Runnin' on Sun	11	11, 12, 13	Y	
	The Art of Ancient Pottery	11	16, 17, 27	Y	
	Guided Tour, The Ancient Americas	11	16, 18		
	Guided Tour, Pawnee Earth Lodge	11	16, 18		
	Guided Tour, Dinosaurs	11	12		
	Guided Tour, Africa	11	17		
	Guided Tour, Indigenous Peoples of Northwest Coast and Arctic	11	17, 18		
	Guided Tour, Ruatēpupuke II: Maori Meeting House	11	18		
Guided Tour, Inside Ancient Egypt	11	16, 18			
Waking the T. rex 3-D: The Story of SUE	12	11, 12, 13			

\*English Language Arts, Science, Social Science, Fine Arts

# Student Programs

## GRADE PRE-K–2

Unless otherwise noted, student programs listed in this section are available Mondays, Thursdays and Fridays at 10am or 11am. Maximum of 35 students for all programs. Register for field trip programs at [fieldmuseum.org/schools/field-trip-programs](http://fieldmuseum.org/schools/field-trip-programs).

### PLAYLAB: SELF-GUIDED EXPLORATION

Young adventurers have the chance to explore the *Crown Family PlayLab*! Students can put on an animal costume to crawl, hop or fly! From digging up dinosaur bones to grinding corn in a Pueblo, little explorers can choose from an endless variety of activities. Meets ILS goals in English Language Arts, Science, Social Science, Fine Arts. Program is free for pre-registration groups.

### PLAYLAB: FOSSIL DIG!






Come join us on a paleontology dig! Discover different fossil types and help dig out a fossil cast from a field jacket. Cost is \$2.50/student. Meets ILS goals 7, 12, 16.

### GUIDED TOUR OF THE PAWNEE EARTH LODGE, FOR GRADE 2

Examine touchable objects and learn about traditional Native American Pawnee culture, culture change, and contemporary Pawnee life. Tour is free with pre-registration and is available Mondays through Fridays at 10am, 10:45am, & 11:30am. Meets ILS goals 16, 18.



The Crown Family PlayLab is generously sponsored by the Crown family.

-  Programs at The Field Museum
-  Programs at Your School
-  Programs in the *Crown Family PlayLab*
-  Guided Tours
-  Movie



### DOZIN' WITH THE DINOS

Bring your students and your sleeping bag to explore one of the most exciting spots in town! *Dozin' with the Dinos* is a unique opportunity for children **ages 6–12** to spend the night at The Field Museum. You and your students will enjoy hands-on activities and explore the Museum's wondrous exhibitions, including *Inside Ancient Egypt* by flashlight. You can also take a break and watch as dinosaurs leap from the big screen in our 3-D Theater\*. Overnights begin at 5:45pm and end the following morning at 9am.

Dates for the 2012 season are Jan 20; Feb 3, 10 & 17; Mar 2, 9 & 16; Apr 20; May 4; and June 15.

The group rate for this program is \$51 per person. The minimum size for a group is 15.

Register at [fieldmuseum.org/overnights](http://fieldmuseum.org/overnights).

\*Films in the 3-D Theater are available for an additional fee.

## GRADES 3–5

Unless otherwise noted, student programs listed in this section are available Tuesdays and Thursdays from 10am–12:30pm, including 30 minutes for lunch. Cost is \$4.50/student. Maximum of 35 students.

Register for field trip programs online at [fieldmuseum.org/schools/field-trip-programs](http://fieldmuseum.org/schools/field-trip-programs). Register for programs at your school online at [fieldmuseum.org/schools/outreach-programs](http://fieldmuseum.org/schools/outreach-programs).

### THE ART OF ANCIENT POTTERY

Take part in an activity practiced throughout the early Americas: making pottery! Come learn about the lives of past peoples by investigating artifacts. Explore ceramic shards and other materials made and used throughout the Americas, then make your own pottery, using only tools and techniques available to early potters! Includes a tour of *The Ancient Americas* for groups that come to the Museum. Meets ILS goals 16, 17, 27.

### SOIL ADVENTURE

Discover how soil scientists study the “ingredients” of soil, and learn why soil is so important to plants and people. Hear about the secrets of “soil recyclers”, see and touch live earthworms, and practice scientific observation skills. Meets ILS goals 11, 12, 13.

### EGYPT UNWRAPPED

Investigate the myths and lore of the ancient gods and goddesses of Egypt. Students get a chance to wrap a mummy replica and participate in a wailing ceremony to discover the symbolism and science behind traveling to the afterlife. After hearing about the history and practices of mummification, students who come to the Museum travel through *Inside Ancient Egypt* to find real mummies, images of rulers and gods, and uncover what they would look like as an ancient Egyptian! Meets ILS goals 16, 17, 18.

## Guided Tours for Students in Grades 3–5

Get a guided tour of some of the Museum's most fascinating exhibitions with our trained volunteer tour guides, and use their extensive knowledge to focus your field trip. Tours are free with pre-registration and are available on a first-come, first-served basis.

EXHIBIT	DAY	TIME	GRADE	ILS GOALS
The Ancient Americas	Mondays, Wednesdays, and Fridays	10:30am and 11:30am	4 and 5	16, 18
Pawnee Earth Lodge	Mondays through Fridays	10am, 10:45am, and 11:30am	3, 4, and 5	16, 18
Dinosaurs	Mondays, Wednesdays, Thursdays, and Fridays	10:30am	3, 4, and 5	12
Africa	Mondays	10:30am	4 and 5	17
Indigenous Peoples of the Northwest Coast and Arctic	Mondays and Thursdays	10:30am and 11:30am	3, 4, and 5	17, 18
Ruatepupuke II: Maori Meeting House	Mondays	10:30am and 11:30am	4 and 5	18
Inside Ancient Egypt	Mondays through Fridays	10:30am and 11:30am	5	16, 18

**NOTE TO EDUCATORS: STUDENT PROGRAMS OFFERED TO GRADES 3–12 START PROMPTLY AT 10AM.**

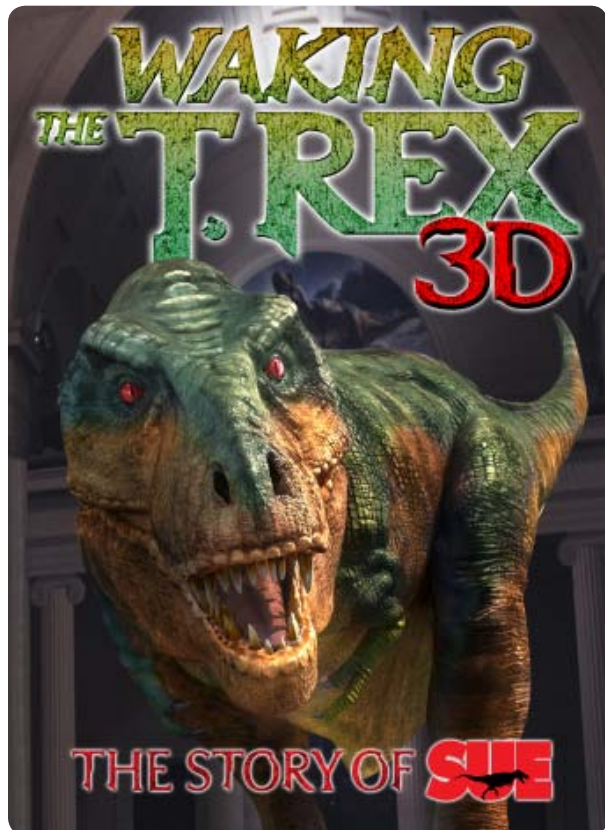
**THE GREAT FOSSIL HUNT**  

Learn how to identify a real fossil and how to create a dig pit grid system to help you remember the location of your fossils. Students practice scientific illustration and make inferences about the origins of fossils. This hands-on class incorporates paleontology with the adventure of a mini-dig...this is one Great Fossil Hunt you won't want your students to miss! Includes a tour of *Evolving Planet* for groups that come to the Museum. Meets ILS goals 11, 12, 13.

**WAKING THE T. REX 3D: THE STORY OF SUE IN THE 3-D THEATER**  

Discover the *T. rex* named SUE like you never have before in this new 3D film! Learn the amazing story of how the world's greatest predator was found in the dusty badlands of South Dakota, see what we've learned about her, and join in a real fossil excavation with Field Museum paleontologists. Cost is \$5 per student. Film is available at 10:40am and 11:15am. Meets ILS goals 11, 12, 13.

*D3D Cinema and The Field Museum present Waking the T. rex 3D: The Story of SUE, sponsored by McDonald's Corporation.*

**DOZIN' WITH THE DINOS** 

Bring your students and your sleeping bag to explore one of the most exciting spots in town! *Dozin' with the Dinos* is a unique opportunity for children **ages 6–12** to spend the night at The Field Museum. You and your students will enjoy hands-on activities and explore the Museum's wondrous exhibitions, including *Inside Ancient Egypt* by flashlight. You can also take a break and watch as dinosaurs leap from the big screen in our 3-D Theater\*. Overnights begin at 5:45pm and end the following morning at 9am.

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The group rate for this program is \$51 per person. The minimum size for a group is 15.

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\*Films in the 3-D Theater are available for an additional fee.

## GRADES 6–8

Unless otherwise noted, student programs listed in this section are available Tuesdays and Thursdays from 10am–12:30pm, including 30 minutes for lunch. Cost is \$4.50/student. Maximum of 35 students. Register for field trip programs online at [fieldmuseum.org/schools/field-trip-programs](http://fieldmuseum.org/schools/field-trip-programs). Register for programs at your school online at [fieldmuseum.org/schools/outreach-programs](http://fieldmuseum.org/schools/outreach-programs).

**UNRAVELING DNA** 

Investigate the fundamental principles of DNA and genetics while learning about the scientific research conducted at The Field Museum. Students will extract DNA in a lab and connect with real scientists in the *DNA Discovery Center*! Meets ILS goals 11, 12, 13.

*Support for the Renewable Energy Vehicle is provided by The Grainger Foundation. Sponsored by: Exelon Corporation. Additional support provided by Deutsche Bank Americas Foundation.*

**RENEWABLE ENERGY VEHICLE: FROM THE FRYER TO THE FUEL TANK** 

Learn how diesel engines work and why they can run on used french fry oil! Students investigate viscosity and determine the best plant-based fuel for varying weather conditions. See the biodiesel go-kart zip around your school parking lot (space and weather permitting) and learn what it means to be “veggie-powered”! Meets ILS goals 11, 12, 13.

*Support for the Renewable Energy Vehicle provided by The Grainger Foundation. Sponsored by: Exelon Corporation.*

**RENEWABLE ENERGY VEHICLE: RUNNIN’ ON SUN** 

Using real fossil fuel specimens, role play basic parts of a solar panel then graph research results like solar researchers and engineers. Students examine the efficiency of their solar panel and attempt to improve it with various modifications. This class also includes performance of basic math functions to calculate potential energy and monetary savings from energy-efficient behavioral changes. Meets ILS goals 11, 12, 13.

## Guided Tours for Students in Grades 6–8

Get a guided tour of some of the Museum’s most fascinating exhibitions with our trained volunteer tour guides, and use their extensive knowledge to focus your field trip. Tours are free with pre-registration and are available on a first-come, first-served basis.

EXHIBIT	DAY	TIME	ILS GOALS
The Ancient Americas	Mondays, Wednesdays, and Fridays	10:30am and 11:30am	16, 18
Pawnee Earth Lodge	Mondays through Fridays	10am, 10:45am, and 11:30am	16, 18
Dinosaurs	Mondays, Wednesdays, Thursdays, and Fridays	10:30am	12
Africa	Mondays	10:30am	17
Indigenous Peoples of the Northwest Coast and Arctic	Mondays and Thursdays	10:30am and 11:30am	17, 18
Ruatepupuke II: Maori Meeting House	Mondays	10:30am and 11:30am	18
Inside Ancient Egypt	Mondays through Fridays	10:30am and 11:30am	16, 18

**NOTE TO EDUCATORS: STUDENT PROGRAMS OFFERED TO GRADES 3–12 START PROMPTLY AT 10AM.**

**SOIL ADVENTURE** 🍏

Observe, sketch, touch, and analyze your way to a new understanding of the environment and your role in it. With soil as the link between plants, animals and people, students investigate the four "ingredients" of soil and get up close and personal with beetles and earthworms. Meets ILS goals 11, 12, 13.

**EGYPT UNWRAPPED** 🏛️ 🍏

Investigate the myths and lore of the ancient gods and goddesses of Egypt. Students get a chance to wrap a mummy replica and participate in a wailing ceremony to discover the symbolism and science behind traveling to the afterlife. After hearing about the history and practices of mummification, students who come to the Museum travel through *Inside Ancient Egypt* to find real mummies, images of rulers and gods, and uncover what they would look like as an ancient Egyptian! Meets ILS goals 16, 17, 18.

**THE GREAT FOSSIL HUNT** 🏛️ 🍏

Learn how to identify a real fossil and how to create a dig pit grid system to help you remember the location of your fossils. Students practice scientific illustration and make inferences about the origins of fossils. This hands-on class incorporates paleontology with the adventure of a mini-dig...this is one Great Fossil Hunt you won't want your students to miss! Includes a tour of *Evolving Planet* for groups that come to the Museum. Meets ILS goals 11, 12, 13.

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**WAKING THE T. REX 3D: THE STORY OF SUE IN THE 3-D THEATER** 🏛️ 🎬

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**UNRAVELING DNA** 

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**RENEWABLE ENERGY VEHICLE: FROM THE FRYER TO THE FUEL TANK** 

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around your school parking lot (space and weather permitting) and learn what it means to be “veggie-powered”! Meets ILS goals 11, 12, 13.

**RENEWABLE ENERGY VEHICLE: RUNNIN’ ON SUN** 

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## Guided Tours for Students in Grades 9–12

Reserve a guided tour of some of the Museum's most fascinating exhibitions with our trained volunteer tour guides, and use their extensive knowledge to focus your field trip. Tours are free with pre-registration and are available on a first-come, first-served basis.

EXHIBIT	DAY	TIME	ILS GOAL
The Ancient Americas	Mondays, Wednesdays, and Fridays	10:30am and 11:30am	16, 18
Pawnee Earth Lodge	Mondays through Fridays	10am, 10:45am, and 11:30am	16, 18
Dinosaurs	Mondays, Wednesdays, Thursdays, and Fridays	10:30am	12
Africa	Mondays	10:30am	17
Indigenous Peoples of the Northwest Coast and Arctic	Mondays and Thursdays	10:30am and 11:30am	17, 18
Ruatepupuke II: Maori Meeting House	Mondays	10:30am and 11:30am	18
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### TEENS @ THE FIELD, A VOLUNTEER PROGRAM

This program is an opportunity for young people ages 13–19 to earn community service credits by facilitating demonstrations and interactive experiences in Museum exhibitions. From sharing a story with young learners to exploring ancient cultures with families, teens share the wonders of The Field with Museum visitors. Teens who choose to participate in this program are required to attend 2 mandatory training dates as well as commit to 1 day of service each week in the months of July and August. Email [teens@fieldmuseum.org](mailto:teens@fieldmuseum.org) with questions or to request an application.

All applications must be received by March 16, 2012.



UPPER LEVEL



**T** Tickets and pre-registration required. Tickets are available on a first-come, first-served basis. See page 3 and 4 for registration and pricing details.

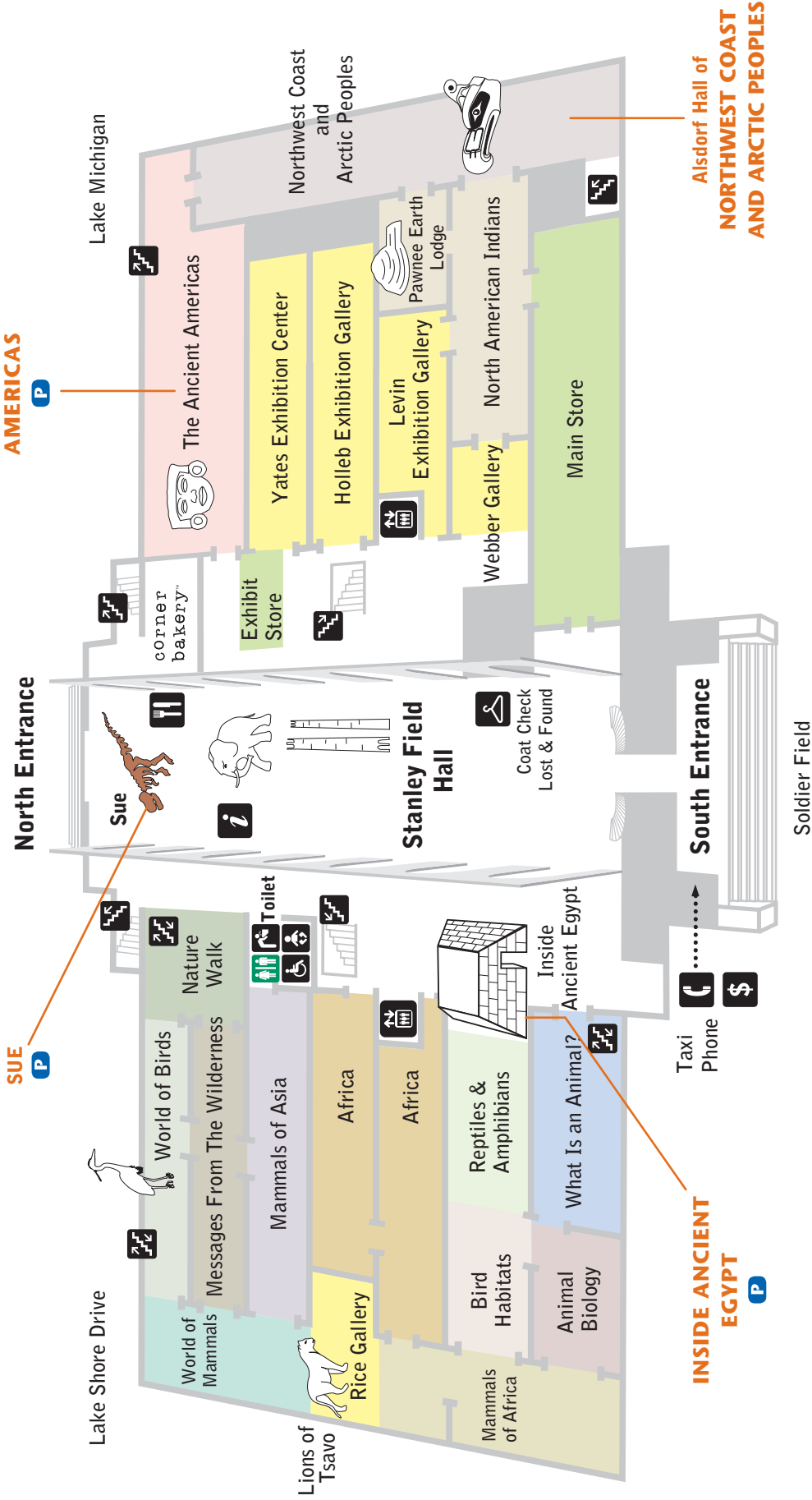
**P** Pre-registration required. Scheduling dependent on availability of space. See page 3 for registration details.

- Stairs
- Taxi Phone
- Information
- Restaurants
- Handicapped
- Baby Care Area
- Vending
- ATM
- Toilets
- Laboratory
- Elevators
- Eating Area
- Water Fountain
- Strollers

Learn more about our permanent exhibitions at [fieldmuseum.org/happening/exhibits](http://fieldmuseum.org/happening/exhibits).

**MAIN LEVEL**

**McCormick Foundation Halls of THE ANCIENT AMERICAS**



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- Vending
- ATM
- Toilets
- Laboratory
- Elevators
- Coat Check
- Water Fountain
- Eating Area
- Strollers

Learn more about our permanent exhibitions at [fieldmuseum.org/happening/exhibits](http://fieldmuseum.org/happening/exhibits).

**SIRAGUSA CENTER**

(Lunch seating. The Siragusa Center must be reserved in advance of museum visit. Reservation fee is \$65 for schools outside of Chicago)

**P**

**GROUND LEVEL**

**CROWN FAMILY PLAYLAB**

**T**

**SCHOOL GROUP ENTRANCE**



**SEA MAMMALS (Lunch seating)**

**T** Tickets and pre-registration required. Tickets are available on a first-come, first-served basis. See page 3 and 4 for registration and pricing details.

**INSIDE ANCIENT EGYPT**

**P**

**T**

**UNDERGROUND ADVENTURE**

**P** Pre-registration required. Scheduling dependent on availability of space. See page 22 for program details.

- Stairs
- Taxi Phone
- Laboratory
- Information
- Restaurants
- Coat Check
- Elevators
- Handicapped
- Water Fountain
- Baby Care Area
- Eating Area
- Vending
- Strollers
- ATM

Learn more about our permanent exhibitions at [fieldmuseum.org/happening/exhibits](http://fieldmuseum.org/happening/exhibits).

NEW

## Permanent Exhibitions



### ABBOTT HALL OF CONSERVATION RESTORING EARTH **P**

New Permanent Exhibition, Opens November 4, 2011

The Field Museum puts science into action in Abbott Hall of Conservation *Restoring Earth*. Discover how Field Museum scientists are leading the way in conservation by providing the tools to conserve wilderness and protect the Earth's biodiversity, all while improving local livelihoods and fostering human connections with nature.

*Abbott Hall of Conservation Restoring Earth is made possible through the generosity of Abbott.*

Additional support is provided by Bank of America.



## Temporary Exhibitions

### WHALES: GIANTS OF THE DEEP **T**

Through January 16, 2012

Immerse yourself in the vibrant underwater world of whales. Dive to the depths of the sea with a mighty sperm whale, climb into and explore a life-sized whale heart, and stand before two massive whale skeletons – each longer than a school bus. Meet people whose lives have been inextricably linked with whales – from legendary South Pacific whale riders to whale scientists and former whaling families. Discover why whales continue to intrigue, astound, and inspire us, only at The Field Museum. Learn more at **whales.**

**fieldmuseum.org.**

*Located in the Levin Exhibition Gallery (see map on page 14).*

*Developed and presented by the Museum of New Zealand Te Papa Tongarewa. This exhibition was made possible through the support of the New Zealand Government.*

*Proud Major Sponsor: Wells Fargo*

### CHOCOLATE AROUND THE WORLD **T**

October 5, 2011 through January 8, 2012

Get the complete story behind this tasty treat that we crave in *Chocolate around the World*. Discover the unique cacao tree whose seeds started it all, unearth the origins of chocolate consumption, and discover how chocolate was transformed from a bitter drink of kings into the chocolate we love today. *Chocolate* will engage your senses and reveal facets of this sumptuous treat that you've never thought about before. From seed to sweet, unwrap the story of chocolate, only at The Field Museum. Learn more at **archive.fieldmuseum.org/chocolate.**

*Located in the Holleb Exhibition Gallery (see map on page 14).*

*Chocolate and its national tour were developed by The Field Museum. Lead sponsor: Kraft Foods Foundation. This exhibition was supported, in part, by the National Science Foundation.*

# Educator Resources

## HARRIS EDUCATIONAL LOAN CENTER REOPENING FALL 2012

Educators and scientists at work! The Harris Educational Loan Program, our lending library of cultural artifacts, biological specimens, and traveling dioramas for teachers and parents, is under construction. After 100 years serving local schools, we want to ensure all of our materials are the best that they can be. A team of scientists, educators, and parents are updating the science and adding new digital resources. Got ideas? Share them with us at [harrisloan@fieldmuseum.org](mailto:harrisloan@fieldmuseum.org). See you when we reopen in Fall 2012!

## EDUCATOR GUIDES

Our educator guides provide detailed information to support you in planning successful, meaningful field trips for students. Every guide presents an introduction to the exhibition, standards alignment, gallery overviews, guiding questions, and pre-during-post field trip ideas. Visit [fieldmuseum.org/schools/educator-guides/](http://fieldmuseum.org/schools/educator-guides/) to download educator guides for our permanent exhibitions.



## ENCYCLOPEDIA OF LIFE

The Encyclopedia of Life (EOL) is a free, on-line collaborative resource for information about all 1.9 million living species on earth. It is compiled from existing projects and from contributions by experts, citizen scientists, students and the general public from around the world. EOL serves biodiversity information including video, sound, images, graphics, as well as text. Teachers and students can access EOL to find information about species, listen to podcasts, view Google Earth tours or create a customized field guide. Learn more at: [education.eol.org](http://education.eol.org).



## INVASION!

INVASION! is an on-line game about the Asian Carp, an invasive species that is threatening to enter the Great Lakes. Explore the Asian Carp's impact on human health, politics, and economics as well as the history of the Asian Carp in the Midwest. Start off as a pesky carp, out-competing other river species for food and knocking humans out of boats! Then switch roles and become the Carp Czar of Chicago and keep this invasive species from reaching Lake Michigan. Be careful, though...you have limited money and political capital to spend and both random events, and the carp can undermine even your good intentions! Activities geared toward grades 9–12. Meets ILS goals 10, 11, 12, 13, 14.

INVASION! was made possible through a partnership with Carnegie Mellon's Entertainment Technology Center and with funding from the MacArthur Foundation.



**WHYREEF**

WhyReef is a virtual coral reef with several activities that can be easily incorporated into your middle school classroom and science curriculum. From playing a quick game to reinforcing a lesson on trophic levels, to a long-term project that teaches your students about coral reef ecology and conservation, WhyReef brings science to life! Activities geared toward middle school grades. Meets ILS goals 10, 11, 12, 13, 14.

You can view videos of how to login to WhyReef and use the different activities at the following YouTube Channel: [youtube.com/WhyReef](https://www.youtube.com/WhyReef). You can also download an Educator Guide for WhyReef as well as The Creatures of WhyReef Coloring Book at [fieldmuseum.org/education/online\\_whyreef.htm](http://fieldmuseum.org/education/online_whyreef.htm).

*WhyReef is made possible with funding from the John D. and Catherine T. MacArthur Foundation.*

**ON-LINE WATER CALCULATOR**

Dive into the The Field Museum's on-line water calculator and find out how much water you use every day. Answer questions about how long your showers are, how big your yard is, if you wash dishes by hand or machine, and more. You'll be surprised by how quickly the gallons add up! Challenge your students by asking them to login their results, apply the water-saving tips and tricks they learn from the site, and re-calculate their water consumption to see if it has been reduced. Activities geared toward K-12 grades. Meets ILS goals 12, 13.

*The water calculator website is made possible through the support of Robert M. and Diane v.S. Levy, the Metropolitan Water Reclamation District of Greater Chicago, and the City of Chicago Department of Water Management.*

**How much water do you use?**

**Let's Get Started!**  
Click an area on the home to input how much water you use, and learn how you can conserve water there. Answer for yourself only, and assume you are in your home for a 24-hour cycle. If you leave before you calculate your water usage in all areas of the house, your answers will not be saved.

# Educator Programs

## EDUCATOR OPEN HOUSE

The Field Museum invites educators of all subjects and grades to celebrate the start of the 2011-2012 school year. Explore *Chocolate Around the World* and *Whales: Giants of the Deep* and learn about our upcoming permanent exhibit Abbott Hall of Conservation *Restoring Earth*. View our collections with Museum experts, meet scientists and learn about cutting-edge research; get connected through the Museum's digital learning programs, and gather a wealth of information and materials to start your school year off right. Earn 3 CPDUs.

Tuesday, October 11, 2011; 5pm – 8pm

Pre-registration is required; call 312-665-7500 or email [fieldtrip@fieldmuseum.org](mailto:fieldtrip@fieldmuseum.org) by Monday, October 3, 2011.

## EDUCATOR IN-SERVICES

Learn the ins and outs of planning successful focused field trips, how to bring the Museum's collections to your classroom, or dive deep into content. Schedule a 3-hour customized professional development program for educators at the Museum or your school. Visit [fieldmuseum.org/schools/educator-service](http://fieldmuseum.org/schools/educator-service) for more information.



## FIELD AMBASSADORS

Join a professional learning community at The Field Museum. Collaborate with inspired educators and grow as a leader in your school community.

Visit behind-the-scenes with scientists to learn about our research and collections. Develop a deeper understanding of the Museum and its four areas of study—Anthropology, Botany, Geology, and Zoology.



For more information, visit [fieldmuseum.org/schools/field-ambassadors](http://fieldmuseum.org/schools/field-ambassadors).

This program is free and open to educators teaching grades Pre-K–12. Earn 30 CPDUs, 2 CPS Lane Credits and/or graduate credit.

**CHASE** 

**J.P.Morgan**

*Teacher Professional Development programs sponsored by JPMorgan Chase & Co.*

**EARLY ELEMENTARY  
SCIENCE PARTNERSHIP  
E2SPONLINE.ORG**



The Field Museum is collaborating with Chicago Public Schools, Peggy Notebaert Nature Museum, Chicago Children's Museum, Lincoln Park Zoo, Northwestern University and University of Chicago to lead a new school-based partnership program designed to improve K-3rd grade educators' ability to effectively engage their students in learning science.

*The Early Elementary Science Partnership is generously supported by the Searle Funds at The Chicago Community Trust and Motorola Solutions Foundation.*