



DEERING ESTATE AT CUTLER



Our Living Classroom for School, Community, and Youth Groups

The Deering Estate at Cutler is an assured destination for a wealth of experiential and recreation based educational programs that are aligned with local and state standards of learning. The *Living Classroom* at the Deering Estate at Cutler serves as an environmental education center for all of Miami-Dade County. The 444 acre Estate encompasses globally endangered pine rockland habitat, among the largest blocks of this ecosystem remaining in the United States, as well as coastal tropical hardwood rockland hammocks, mangrove forests, salt marshes, a coastal dune island and the submerged resources of Biscayne Bay. It is one of the few remaining Environmentally Endangered Lands (EEL) in Miami-Dade County, as well the property is listed on the National Register of Historic Places.

Our *Living Classroom* provides a hands-on curriculum to community youth and the general public in the fields of ecology, geology, marine biology, archeology, history and art. With some of the highest quality and most diverse natural resources remaining in Miami-Dade County, our *Living Classroom* also educates our community about preserving our biodiversity through environmental stewardship, environmental sustainability, and overall resource management. **All programs are correlated to the Sunshine State Standards and are FCAT compatible.** They are structured to engage participants in interactive, positive and balanced activities that help foster an understanding and appreciation as they think critically about the world around them.



Miami-Dade Parks provides quality and diverse cultural and recreational experiences for persons with disabilities. To request material in accessible format, information on access for persons with disabilities, or sign language interpreter services (7 days in advance), call (305) 365-6706.

FIELD STUDY TRIPS

The Estate offers a variety of *On-Site Field Study Trips* led by Education and Interpretive Staff where students can learn, hands-on, about South Florida's rich heritage and natural resources. These *Field Trips* place a focus on topics such as archaeology, ecology, biology, marine science, and earth science. All of our *Field Study Trips* include web-based, pre- and post-activity guides, interactive tours, on-site projects and can be modified to fit your particular interests. Groups can choose one (1) Field Study and one (1) tour/hike for their visit. *On-Site Field Study Trips* can accommodate up to 4 groups of 30 participants simultaneously.

K-2 Field Studies

Tekesta Quest 1 - learn how archaeologists differentiate between artifacts left by different cultures

Touch Tank - an introduction to marine organisms

Camo Critters - explore ways organisms hide in the open

Build a Bird - use different adaptations to create a new bird

A Season for Change - what are the differences in the seasons?

3-5 Field Studies

Tekesta Quest 2 - become familiar with basic archaeological techniques at our model Tekesta midden

Fishy World - an introduction to fish anatomy through a dissection

Catching Critters - capture and examine organisms from our seagrass and mangrove habitats

Who Dung It? - Owl pellet dissection

Bird Adaptations - which bird beaks are best suited for certain foods?

Greenhouse Effect - examine the roles that the sun and atmosphere play in keeping our planet warm

6-8 Field Studies

Tekesta Quest 3 - become familiar with basic archaeological techniques with a focus on excavating soil layers at our model Tekesta midden

Build a Seagrass Community - build a food web as you collect organisms from our seagrass habitat

Predator Profiling - become a profiler as you interpret and identify animal bones

Mosses are Picky Devils - how are mosses different from other plants?

Weather Metrics - design/build different tools to measure the weather

9-12 Field Studies

Tekesta Quest 4 - become familiar with stratigraphy and the role it plays in the process of archaeological investigations

Invasive Sampling - utilize plant sampling techniques as you look for exotics

Mangrove Life Cycles - explore our mangroves to ID life history stages

Orienteering - see if you can find your way through our natural areas

Water Quality - test and rate different sources of water for purity

Climate Change - examine and debate the effects of climate change

Please visit www.deeringestate.org.

FEES AND INFORMATION

Fee: \$7 per participant

We require a ratio of one (1) adult chaperone for every ten (10) children for land based activities and a ratio of one (1) adult chaperone for every six (6) children for water based activities. Additional chaperones above the ratios will have to pay the \$12 entrance fee.

Our Royal Palm Grove picnic area is open for lunch.
Deering Estate Staff will gladly transport your coolers onto the Estate for you.

www.deeringestate.org



OUR LIVING CLASSROOM INFORMATION REQUEST (NOT A CONFIRMATION)

Group Name			
Contact's Name			
Mailing Address			
Phone/Fax	Office:	Cell:	Fax:
Email			
Date of Visit	<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input type="checkbox"/> Friday <input type="checkbox"/> Saturday <input type="checkbox"/> Sunday		
Time of Visit	Arrival Time:		Departure Time:
<i>ON-SITE FIELD STUDY REQUEST</i>			
<input type="checkbox"/> K-2 Field Studies	<input type="checkbox"/> Tekesta Quest 1 <input type="checkbox"/> Touch Tank <input type="checkbox"/> Camo Critters <input type="checkbox"/> Build a Bird <input type="checkbox"/> A Season of Change		
<input type="checkbox"/> 3-5 Field Studies	<input type="checkbox"/> Tekesta Quest 2 <input type="checkbox"/> Who Dung it?	<input type="checkbox"/> Fishy World <input type="checkbox"/> Bird Adaptations	<input type="checkbox"/> Catching Critters <input type="checkbox"/> Greenhouse Effect
<input type="checkbox"/> 6-8 Field Studies	<input type="checkbox"/> Tekesta Quest 3 <input type="checkbox"/> Predator Profiling	<input type="checkbox"/> Weather Metrics <input type="checkbox"/> Mosses a Picky Devils	<input type="checkbox"/> Build a Seagrass Community
<input type="checkbox"/> 9-12 Field Studies	<input type="checkbox"/> Tekesta Quest 4 <input type="checkbox"/> Orienteering	<input type="checkbox"/> Invasives Sampling <input type="checkbox"/> Water Quality	<input type="checkbox"/> Mangrove Life Cycles <input type="checkbox"/> Climate Change
<input type="checkbox"/> Tours/Hikes	<input type="checkbox"/> Tekesta Tour <input type="checkbox"/> Coastal Habitat Tour <input type="checkbox"/> Natural Areas Tour <input type="checkbox"/> Bird Hike <input type="checkbox"/> Marsh Walk <input type="checkbox"/> Pine Rockland Tour <input type="checkbox"/> Heritage House Tour <input type="checkbox"/> Cutler Slough Rehydration Project Tour		
<input type="checkbox"/> Other, describe			
ADDITIONAL DETAILS			
Lunch	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Assistance Needed		
Special Needs			
Notes			
Payment	# ____ x \$7 = \$_____ <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> PO <input type="checkbox"/> N/A		
	<input type="checkbox"/> Journal (Acct #/Index Code) : _____ <input type="checkbox"/> Other: _____		
Return to	The Deering Estate at Cutler, 16701 SW 72 Avenue, Miami, Florida 33157		
	FAX: (305) 254-5866, PHONE: (305) 235-1668, ext. 233, WEBSITE: www.deeringestate.org		