

# Deering Estate Camp

# “Discover Deering”



Campers will dive into the mission of the Deering Estate, which is dedicated to preserving and protecting the natural, archaeological, architectural and historic legacy of the land.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

**WEEK 1: JUNE 14-18**

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes+ Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face covering |

Payment for all field trips and field trip forms will be collected at sign-in on Tuesday mornings. Payment must be in the form of cash or check, made out to cash.

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will dive into the history of Deering Estate by completing a scavenger hunt in the <b>historic museum houses</b> . They will also be making <b>hiking sticks</b> from invasive trees.	After learning to make <b>natural fabric dyes</b> from native plants, campers will get the chance to meet and interact with our <b>classroom animals</b> .	Today campers will be attending a <b>virtual field trip to Vizcaya</b> to learn about Greek mythology in the historic mansion. Campers will also conduct a mock <b>archology</b> excavation to find <b>fossils and artifacts!</b>	Deering Estate is home to <b>8 native ecosystems</b> , and campers will be <b>hiking</b> our protected natural areas to learn about each habitat. They will also conduct an <b>anole survey</b> .	<b>Water Fun Day!</b> Campers will be going on a <b>tram ride</b> through the protected natural areas. They will also enjoy an <b>Icy Treat!</b>

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will learn about the historic and natural history of Deering Estate by touring two <b>Historic Houses</b> . They will also be making their own mini ecosystems in the form of a <b>terrarium!</b>	Taking a deeper look at the <b>Tequesta</b> history at Deering Estate, campers will hike to a <b>Burial Mound</b> in our Natural Areas. They will also conduct a mock <b>archology</b> excavation.	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will go on a wet hike through our historic slough and take a fun tram ride!	<b>Cohorts A/B</b> Campers will go on a wet hike through our historic slough and take a fun tram ride!  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Today campers will have a chance to meet and interact with our <b>classroom animals</b> , learning about their unique characteristics. They will also <b>hike</b> to the endangered North <b>Pine Rocklands</b> .



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Check out this week's photos at [www.flickr.com/photos/deeringcamp](http://www.flickr.com/photos/deeringcamp)



# Deering Estate Camp

## “By the Bay”



Campers will be fishing, catching sea critters, and exploring the diversity of the local marine environment of the Biscayne Bay.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes+ Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face covering |

Payment for all field trips and field trip forms will be collected at sign-in on Tuesday mornings. Payment must be in the form of cash or check, made out to cash.

**WEEK 2: JUNE 21-25**

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will learn about mangroves by <b>building a model bridge</b> that can survive a hurricane! They will also get a chance to explore the internal anatomy of a <b>squid</b> during a dissection and learn about the many adaptations of the animal.	Using nets, campers will conduct a <b>sea grass</b> survey to learn about the animals that live there. They will also conduct an <b>ocean acidification</b> experiment, testing water samples from the Biscayne Bay.	After hiking to our <b>Cutler Creek</b> and collecting water samples, campers will learn how to use <b>microscopes</b> and <b>observe live plankton</b> in the samples they collected!	Campers will go <b>fishing</b> to practice <b>Catch and Release</b> while also learning about the fish found in Biscayne Bay. They will also learn about <b>Phytoplankton Blooms</b> while making lava lamps.	<b>Water Fun Day!</b> Campers will be going on a <b>tram ride</b> through the protected natural areas. They will also enjoy an <b>Icy Treat!</b>

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will learn about buoyancy and compete to <b>build model boats</b> that can be powered by wind. They will also get a chance to explore the internal anatomy of a <b>squid</b> during a dissection and learn about the many adaptations of the animal.	Using a <b>plankton trawl</b> , campers will collect water samples and observe them using microscopes, then make their own floating plankton. They will also go on a muddy hike through the <b>Mangroves</b> .	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will use nets to conduct a sea grass survey, and compete in a water turbine experiment.	<b>Cohorts A/B</b> Campers will use nets to conduct a sea grass survey, and compete in a water turbine experiment.  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will hike to the rehydration site in the northwest addition of the property to <b>fish</b> for fresh water fish found in the canal there. They will also get the chance to <b>dissect a shark</b> and learn about the unique features of dogfish.



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# Deering Estate Camp

## “Get Back to Nature”



Campers will learn about survival skills, living off the land, and how to make nature made/ homemade survival tools for camping and hiking.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes+ Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face covering |

Payment for all field trips and field trip forms will be collected at sign-in on Tuesday mornings. Payment must be in the form of cash or check, made out to cash.

**WEEK 3: JUNE 28-JULY 2**

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
While exploring and hiking around the Deering Estate, campers will be creating a <b>nature journal</b> to record their adventures. They will also learn how to make <b>bug spray</b> from <b>native plants</b> .	Campers will practice their <b>archery skills</b> , then will learn how to harness the <b>sun's power</b> to make solar powered ovens, and to tell time with a home-made sun dial!	During a <b>hike</b> , campers will collect samples from different plants and learn about their <b>ethno-botany</b> uses. They will also be making a <b>nature tool</b> to help them collect those plant samples.	Campers will <b>hike</b> to our unique <b>Deering Cliffs</b> , and see how the rock has been shaped by water over time. They will also learn to <b>filter water</b> using a bottle and <b>natural materials</b> .	<b>Water Fun Day!</b> Campers will be going on a <b>tram ride</b> through the protected natural areas. They will also enjoy an <b>Icy Treat!</b>

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will <b>carve hiking sticks</b> from invasive trees, and go on a hike to learn the ethnobotanical use of other native plants. They will also learn about <b>orienteeing</b> and practice making and using a <b>compass!</b>	Campers will venture into our South Pine Rocklands on a <b>hike</b> to learn about wilderness survival in South Florida. They will also have the chance to practice team work during an <b>obstacle course</b> .	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will learn to build a shelter, and practice their archery skills.	<b>Cohorts A/B</b> Campers will learn to build a shelter, and practice their archery skills.  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will <b>bring their own bike</b> from home to go on a <b>bike ride</b> through the protected natural habitats. They will also learn how to <b>filter</b> their own <b>water</b> using found materials and first aid supplies!



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# Deering Estate Camp

## “Forces of Nature”



Campers will learn all about the power of Mother nature, and how different natural events and forces have helped to shape south Florida's ecosystems.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

*After 5:00 (Automatic \$25 charge)*

\*Scheduled activities and Field Trips are subject to change.

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes+ Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face covering |

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**WEEK 4: JULY 5-9**

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will get down to the roots of nature's forces as they <b>examine and test soil samples</b> . They will also see the power of a volcanic eruption as the build and test <b>volcanoes!</b>	Using <b>magnets</b> , campers will create compasses to assist them while hiking and orienteering. They will also create <b>anemometers</b> to measure wind speed in various locations around the park.	Campers will <b>experiment</b> to see the differences between <b>weathering and erosion</b> . They will also design, build, and test the stretch of a <b>model dam</b> .	To explore the phenomena of <b>earthquakes</b> , campers will build a structure from marshmallows and test its stability during a mock earthquake. They will also get muddy on a <b>mangrove hike!</b>	<b>Water Fun Day!</b> Campers will be going on a <b>tram ride</b> through the protected natural areas. They will also enjoy an <b>Icy Treat!</b>

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 2.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will be introduced to the power of mother nature while hiking to see solution holes formed by <b>weathering</b> . They will also an experiment to learn about water's role in coastal erosion.	In order to learn about air pressure and wind, campers will experiment by building an <b>anemometer</b> and a <b>barometer</b> . They will also <b>hike</b> to the <b>Deering Cliff</b> in the hardwood hammock.	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay. <b>Cohorts C/D</b> Campers will hike to a crashed airplane in the mangroves, and conduct weather experiments.	<b>Cohorts A/B</b> Campers will hike to a crashed airplane in the mangroves, and conduct weather experiments. <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will experiment with a force of nature not found in Florida-Volcanoes! They will also learn about the build a model of sea walls, they will also go on a virtual field trip to <b>Everglades National Park!</b> <b>\$2.00</b>



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# Deering Estate Camp

## “In the Canopy”



Campers will be exploring the wonders of our Hardwood Hammock Habitat, hiking to find animals, plants, and evidence of the Tequesta Tribe, our Native American inhabitants.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

**WEEK 5: JULY 12-16**

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |  |
|---|--|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes +Towel        |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray             |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses +Face Coverings |

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## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will hike our public trails in search of <b>animal tracks and scat</b> , then they will make <b>edible scat</b> from <b>sweet treats</b> to demonstrate the ways we identify scat.	Campers will be making <b>Hiking Sticks</b> form <b>invasive trees</b> , and will be conducting a <b>bug survey</b> of our <b>natural areas</b> .	Campers will <b>hike</b> deep into the Hardwood Hammock to find the <b>Deering Cliffs</b> . They will also build a <b>compost</b> water bottle to learn how food scraps can be <b>recycled</b> into <b>nutrient rich soil</b> .	Campers will be conducting a species survey of <b>anoles</b> , to determine how many <b>invasive and native anoles</b> are in our forests. They will also get to meet our <b>classroom animals</b> .	<b>Water Fun Day!</b> Campers will be <b>catching critters</b> and conducting a <b>sea grass survey</b> . They will also participate in a Sunda party!

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will spend the day exploring the range of fauna found in the hardwood hammock. They will be conducting a species <b>survey of anoles</b> and rare reef geckos, and will <b>dissect</b> an <b>owl pellet</b> to find the bones of their prey!	In the hardwood hammock, campers will <b>hike</b> off trail to find <b>Deering's Jacuzzi</b> , which is home to fish who live in underground caves. They will also collect <b>soil samples</b> to be sifted, and about how natural dyes can be used to <b>tie dye</b> .	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will go on a wet hike through our historic slough and make clay fossils and artifacts.	<b>Cohorts A/B</b> Campers will go on a wet hike through our historic slough and make clay fossils and artifacts.  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will be interacting with our <b>classroom animals</b> and learning basic animal husbandry. They will also learn about fossils and artifacts in a mock archeology dig.



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# Deering Estate Camp

## “Out of the Blue”



Campers will be exploring the wildlife in our endangered and protected mangrove swamp. They will also learn about the role this habitat plays in shaping South Florida’s ecosystem.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes +Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses +Face Covering |

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**WEEK 6: JULY 19-23**

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 3.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will learn about the important role <b>mangroves</b> play during a <b>hurricane</b> through a <b>mangrove experiment</b> . Campers will also make a <b>Mangrove guide</b> to identify the different kinds of mangroves.	Mini field trip to <b>Bill Sadowski</b> : to <b>fish</b> along the fresh-water canal. They will also work on a mangrove themed play that they will present at the end of the week. <b>\$3.00</b>	Campers will go on a <b>muddy</b> Mangrove Hike. Campers will discover how currents carry trash and how it gets stuck in Mangrove’s prop roots through a <b>milk currents experiment</b> .	Campers will go on a wet hike through the <b>Chinese Bridge Creek</b> to learn about South Florida Wildlife. They will also be practicing their <b>Archery Skills!</b>	<b>Water Fun Day!</b> Campers will be playing non-contact <b>water sprinkler games</b> , and performing their play! They will also make clay shell crafts

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 7.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will be learning about the important role <b>Mangroves</b> have as a rookery during a <b>bird watching hike</b> . They will also get to observe <b>mangroves</b> and conduct an experiment to understand <b>salinity and ocean acidification</b> .	Campers will get <b>muddy</b> as they <b>hike</b> through the <b>Deering Boardwalk Mangroves</b> looking for birds and snails. They will also attend a <b>live virtual</b> field trip to the <b>Scott Aquarium</b> , the world’s largest aquarium within a zoo! <b>\$7.00</b>	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay. <b>Cohorts C/D</b> Campers will dissect a Skate, and conduct a sea grass survey!	<b>Cohorts A/B</b> Campers will dissect a Skate, and conduct a sea grass survey! <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will go <b>fish-ing</b> at the <b>FPL canal</b> , and practice catch and release of brackish water fish. They will also be going on a <b>muddy hike</b> to the crashed <b>Airplane</b> in our <b>mangroves</b> .



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# Deering Estate Camp

## “Project Pineland”



Campers will get an in-depth look at our Florida Pine Rockland habitat, and learn about the importance of protecting nature, endangered habitats, and the species that live there.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 Charge)

\*Scheduled activities and Field Trips are subject to change.

**WEEK 7: JULY 26-30**

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |  |
|---|--|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes +Towel        |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray             |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses +Face Coverings |

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## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will <b>hike</b> to the <b>Pine Rocklands</b> to visit a section that was <b>recently burned</b> in a prescribed fire. Campers will also <b>dissect an owl pellet</b> to learn the role of <b>owls</b> in our <b>South Florida Ecosystems</b> .	Campers will learn about <b>animal adaptations</b> while conducting a <b>camouflage activity</b> , and they will hike in search of <b>solution holes</b> .	Campers will get some <b>target practice</b> with their <b>archery skills</b> , and take a <b>Bike tour</b> through our park's <b>Protected Natural Areas</b> to the <b>North Pine Rocklands</b> .	Campers will be testing their <b>camouflage</b> designs in a <b>natural habitat</b> . They will also get to learn about our <b>classroom animals</b> during an <b>animal encounter</b> .	<b>Water Fun Day!</b> Campers will be playing non-contact <b>water sprinkler games</b> . They will also participate in a Sundae party!

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 7.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will <b>hike</b> to the <b>Pine Rocklands</b> to visit a section that was <b>recently burned</b> in a prescribed fire. Then they will make <b>butterfly feeders</b> and set up a <b>game camera</b> in our natural areas to monitor for wildlife!	Campers will learn about <b>animals diets</b> , and how that impacts their scat as they make <b>edible scat!</b> They will also go on a hike in search of <b>butterflies</b> .	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will compost/maintain our grow beds, and also hike to the butterfly feeders.	<b>Cohorts A/B</b> Campers will compost/maintain our grow beds, and also hike to the butterfly feeders.  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will go for a <b>bike ride</b> in the Pine Rocklands. They will also get to review the <b>footage from their game cameras</b> , and participate in a <b>Virtual Reality Butterfly Game!</b> <b>\$7.00</b>



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# Deering Estate Camp

## “Vitamin Sea”



Campers will get their daily doses of Vitamin Sea by learning about the importance of the ocean and the role they can play in keeping it healthy.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 Charge)

\*Scheduled activities and Field Trips are subject to change.

**WEEK 8: AUG. 2-6**

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |  |
|---|--|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes +Towel        |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray             |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face Coverings |

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## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 0.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will <b>dissect a sea star</b> to learn about its unique <b>anatomy</b> . Campers will also get the chance to discover the <b>layers of the ocean</b> and help make an <b>ocean layer replica</b> .	Campers will learn about underwater archaeology through a <b>shipwreck activity</b> . They will also learn how to <b>weave a basket</b> from natural materials for holding <b>fish</b> .	Campers will practice catch and release <b>fishing</b> at the <b>Pump Station</b> . They will also learn about the importance of corals as they make an <b>edible coral</b> reef.	Camper will learn about <b>hydrothermal vents</b> through a volcano experiment. They will also conduct an experiment related to <b>water density!</b>	<b>Water Fun Day!</b> Campers will be <b>catching critters</b> and conducting a <b>sea grass survey</b> . They will also participate in a Karaoke party!

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 7.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will tackle the challenge of an aquatic <b>oil spill</b> , by designing a <b>tool</b> to remove oil from our oceans. Campers will practice <b>catch and release</b> while <b>fishing</b> at the <b>FPL Canal</b> .	Campers will <b>hike</b> through our <b>mangroves</b> cleaning and <b>collecting drift trash</b> to <b>design and build a raft</b> that they will <b>race</b> . They will also participate in a <b>Live Virtual Dolphin Encounter!</b> <b>\$7.00</b>	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay.  <b>Cohorts C/D</b> Campers will work on their raft and hike through the mangroves to a creek to snorkel!	<b>Cohorts A/B</b> Campers will work on their raft and hike through the mangroves to a creek to snorkel!  <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Campers will put the final touches on their <b>rafts and race the rafts</b> . They will also conduct a <b>Plankton Float experiment</b> .



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# Deering Estate Camp

## “Nature by Design”



Campers will be putting their environmental engineering skills to the test as they design innovative solutions to help protect nature's beneficial ecosystems and lower human impact on the environment.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 charge)

\*Scheduled activities and Field Trips are subject to change.

**WEEK 9: AUG. 9-13**

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes+ Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses+ Face Covering |

Payment for all field trips and field trip forms will be collected at sign-in on Tuesday mornings. Payment must be in the form of cash or check, made out to cash.

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 5.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will explore Deering Estates' <b>historic houses</b> to see elements of nature in it's design. They will also use their engineering skills to design and build a <b>hand crank</b> that can compete to lift the heaviest object.	Camper will be making <b>Hiking sticks</b> from invasive trees. They will also get to help create a <b>play</b> about <b>nature</b> which they will present at the end of the week.	While on a wet <b>hike</b> , campers will get the chance to see the Chinese Bridge, and use it as inspiration when competing and <b>building</b> their own <b>strong bridges</b> .	Campers will participate in a mock <b>archeology</b> excavation, searching for fossils and artifacts. They will also learn about air pressure by building an <b>anemometer</b> .	<b>Water Fun Day!</b> Campers will be playing non-contact <b>water sprinkler games</b> , and performing their play! They will also make a snake craft.

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 12.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will get a rare visit to Deering Estate's <b>Powers Property</b> to see environmental engineering in action. They will also build a model boardwalk <b>bridge</b> , designed to withstand hurricanes in protected <b>mangroves</b> .	Campers will be hiking through the <b>Fire Break</b> in the North Pine Rocklands to see how environmentalist help this habitat, and they will also compete to build the <b>strongest boat</b> made from <b>aluminum foil</b> .	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay. <b>Cohorts C/D</b> Campers will build an aquaponics system, and build a wind powered turbine.	<b>Cohorts A/B</b> Campers will build an aquaponics system, and build a wind powered turbine. <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	Camper will go on a <b>tram tour</b> of the Deering estate, build and launch a model <b>rocket</b> , learn about <b>irrigation systems</b> , and build a <b>solar powered oven!</b>



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# Deering Estate Camp



## “Wild Within”

Campers will answer the "call of the wild" and spend the week learning about South Florida's biodiversity of animals, their behaviors and adaptations that help them to survive.

**Before care: 8:00-9:00**

**Sign in: 8:00-9:00**

**Sign out: 4:00-5:00**

**After-care: 4:00-5:00**

After 5:00 (Automatic \$25 Charge)

\*Scheduled activities and Field Trips are subject to change.

Our week includes hiking through mangroves, swimming, kayaking, and much more. **Backpack Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Lunch+ Snacks                        | <input type="checkbox"/> Change of Clothes +Towel       |
| <input type="checkbox"/> Refillable Water Bottle              | <input type="checkbox"/> Sunblock+ Bug Spray            |
| <input type="checkbox"/> Closed Toe Shoes ( <b>No Crocs</b> ) | <input type="checkbox"/> Hat+ Sunglasses +Face Covering |

Payment for all field trips and field trip forms will be collected at sign-in on Tuesday mornings. Payment must be in the form of cash or check, made out to cash.

**WEEK 10 AUG. 16-20**

## ECO EXPLORERS (AGES 6-8)

**FIELD TRIP TOTAL: \$ 10.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will conduct an <b>Anole survey</b> using homemade traps to get an up-close look at each Anole. They will also get to meet our <b>classroom animals</b> , and learn how these animals interact with their environments.	Campers will go on a <b>fun and wet</b> hike through the <b>cutler creek</b> . They will also complete a paper bag <b>scavenger hunt!</b>	Campers will hike to Deering Estate's <b>Crashed Airplane</b> site in the Hardwood Hammock. They will also learn how to do <b>quadrant surveys</b> and record species in their very own <b>plant books</b> .	Campers will learn how to make <b>dyes</b> from <b>natural materials</b> for <b>tie dying</b> . They will also conduct a <b>bug hunt</b> in search of different species of <b>insects</b> .	<b>Water Fun Day!</b> Campers will be <b>catching critters</b> and conducting a <b>sea grass survey</b> . They will also participate in a Sundae party!

## EXPEDITION DEERING (AGES 9-14)

**FIELD TRIP TOTAL: \$ 3.00**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Campers will transform into <b>Marine Biologists</b> by conducting a <b>fish dissection</b> to learn about their <b>internal anatomy</b> , will build a bird, testing its <b>beak and wings</b> in different <b>challenges</b> .	Campers will get to meet our <b>classroom pets</b> and learn about how each species interacts with its environment. They will also take a <b>mini field trip to Bill Sadowski Park</b> . <b>\$3.00</b>	<b>Cohorts A/B</b> <b>Kayaking</b> on Biscayne Bay. <b>Cohorts C/D</b> Campers will go bird watching, and conduct an egg drop experiment.	<b>Cohorts A/B</b> Campers will go bird watching, and conduct an egg drop experiment. <b>Cohorts C/D</b> <b>Kayaking</b> on Biscayne Bay.	<b>End of summer party!</b> Campers will have a from some of their <b>favorite activities</b> , and will reminisce on a <b>fun summer!</b>



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