

Loggerhead Marineline Center Field Trip Guide


Hello Educators!

Thank you for your interest in Loggerhead Marineline Center's field trip experience. We look forward to meeting you and connecting with your students while you explore our brand new expanded facility. We have plenty of new exhibitions, technology, and sea turtle patients that we are eager to show off to your classrooms!

This guide is designed to help you prepare for your visit, and enhance your experience while you and your students are with us. We recognize that with ample time for research, planning, and communication, we can ensure that you have a turtle-y awesome field trip that is both educational and fun!

If you have any further questions or concerns after reviewing this guide, please reach out to our STEM Education Manager, Andrea Hutwagner, at 'ahutwagner@marinelife.org' and (561)-627-8280 x 110. We'll see you soon!

Sincerely,
The Education Team
Loggerhead Marineline Center



Andrea Hutwagner
(561)-627-8280 x 110
stem@marinelife.org

Table of Contents

Information & Pricing.....	3
Policies	4
Loggerhead Marinelife Center Code of Conduct	5
Gift store guidelines	5
Directions and parking	7
LMC Campus Experience & Exhibits.....	8
Florida’s State Academic Standards for Science.....	9



General Information

To schedule a field trip with Loggerhead Marinelifelife Center, please visit our website at <https://marinelife.org/learn/fieldtrips/>. If you are reserving a field trip for a Title 1 school or organization and would like to request Title 1 grant funds through our *Oceans of Opportunity* program, please do not proceed and contact a member of the Guest Services Team at 561-627-8280 ext. 119 or reservations@marinelife.org.

Please note, field trips are 1-hour educator-led lessons held in a classroom or laboratory setting. All lessons are aligned to Next Generation Sunshine State Standards. Exploration of our expanded campus including the **brand new** indoor One Ocean Hall, Outdoor Ecosystem Tanks, and the Outdoor Sea Turtle Hospital are self-guided extensions of our field trip programs. Please plan your trip accordingly to account for extra exploration time for your students!

Times and Availability

Field trip sessions are available Monday through Friday at 10:00 AM and 11:00 AM. Each session can accommodate a maximum of 60 students. Two sessions are available each day to accommodate 120 students.

Pricing

Field trip pricing is \$13 per student per hour and payment is collected upon booking. Title 1 funding is available through our *Oceans of Opportunity* program. To inquire about our *Oceans of Opportunity* funded programs, please email reservations@marinelife.org.



General Policies

- On the day of your scheduled field trip, please arrive 10-15 minutes early to check-in at the field trip entrance, not the main entrance, which is located on the north side of the building, where a staff member will greet you. Buses will park in the bus lane on the north side of the building as you enter Loggerhead Park.
- Final payment must be made by the day of your scheduled visit. Acceptable forms of payment include check or credit card. Please mail check to:

Loggerhead Marinelife Center
Attn: School Programs
14200 US Hwy One
Juno Beach, FL 33408

- The field trip maximum is 60 students. Please be prepared to divide students into two groups, with no more than 30 students in each group.
- The field trip maximum is 6 chaperones. Any additional chaperones are welcome to do a self-guided tour of the facility separate of the field trip.
- Ensure that you have a 1:10 ratio of students to chaperones (teachers or parent chaperones).
- We recommend that all participants wear closed-toed shoes and bring a filled reusable water bottle. We have a drinking fountain on-site.
- Please notify our Guest Services team of any changes in attendance as soon as possible. To do this, call (561)-627-8280 x 119 or email 'reservations@marinelife.org'
- Lunches - Upon field trip booking, student groups can reserve our back deck for students to eat their lunch on our campus. If not reserved, student groups will need to use the public pavilions located in Loggerhead Park for lunch.

Cancellation Policy

- LMC cannot offer refunds within 60 days of a scheduled program unless the program is cancelled by LMC staff, in which case a refund will be issued within 7-10 business days. Our programs run rain or shine and refunds will not be offered for weather-related reasons outside of those outlined in the cancellation policy. If there is a conflict with your reservation you may be eligible for a transfer or credit. Transfer or credit inquiries must be requested 48 hours prior to the program.
- To view our full cancellation policy press the link below:
https://marinelife.org/wp-content/uploads/2020/09/Cancellation_Policy.pdf
- To request a credit or transfer for your registration, please email 'reservations@marinelife.org' and we will do our best to accommodate your request.

Loggerhead Marineline Center Code of Conduct

Please review with your students prior to arriving at our facility.

- Please adhere to the Code of Conduct established at your school or center. Behavior that is not acceptable at schools and community centers is not acceptable at Loggerhead Marineline Center.
- As we are an active Sea Turtle Hospital with live animals on site, we ask that your group please be respectful of our patients and animal care team through use of quiet voices and controlled behavior.
- Please do not touch or tap on the glass in exhibits or on tanks. Loud noises and tapping on tanks can cause stress to our animals in care.
- Please walk, do not run. This is for the safety of yourself and those around you.
- Please have the students remain with their chaperones at all times.
- Please limit eating and drinking to the Café Terrace. Food and drinks are not permitted in the classroom or Outdoor Sea Turtle Hospital.
- Violation of this code of conduct may result in your group being asked to leave Loggerhead Marineline Center, at which point no refunds will be given.
- The most important rule, enjoy your visit!

Gift Store Guidelines

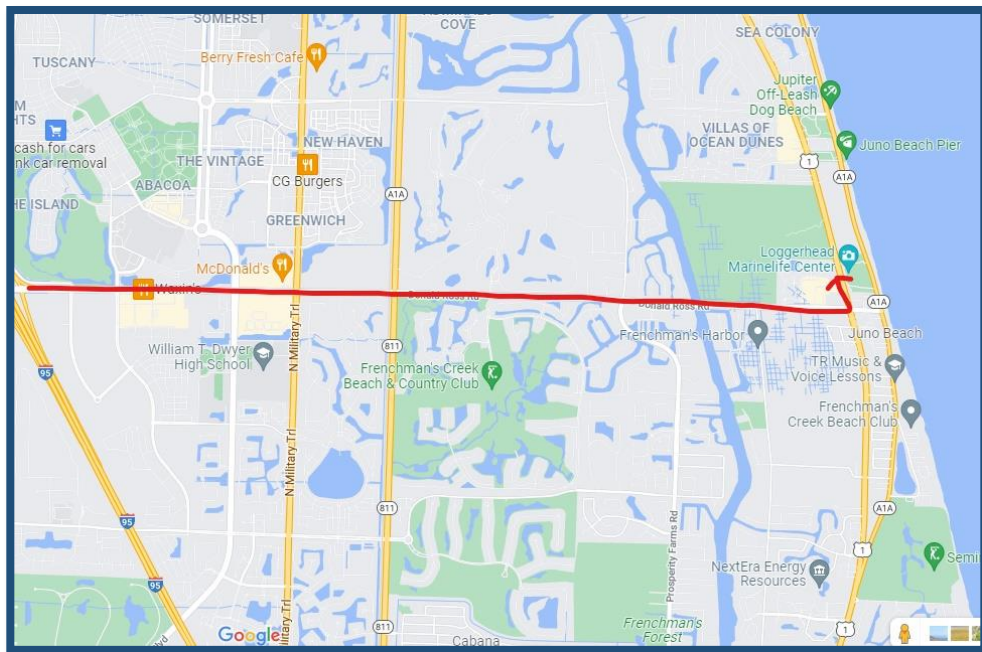
When visiting the gift store, please send no more than 7 students with 1 adult at one time. We ask that students not touch fragile goods like jewelry, plates, or other glassware. Students and groups should be respectful of other guests shopping at the same time.



Directions and Bus Parking

From I-95: Exit at Donald Ross Rd. and head east for about 3 miles to US 1. Turn left on US 1, heading north. Travel ¼ mile and turn right into Loggerhead Park. Buses will park in the bus lane on the North side of our building as you enter Loggerhead Park.

From the Florida Turnpike: Take exit 116 toward FL-706/ Jupiter and head east on Indiantown Road for about 3 miles to US 1. Turn right on US 1, heading south. Travel about 4 miles and turn left into Loggerhead Park. Buses will park in the bus lane on the North side of our building as you enter Loggerhead Park.



LMC Campus Experience & Exhibits

Exploration of our expanded campus including the indoor One Ocean Hall, outdoor Ecosystem Tanks, and the Outdoor Sea Turtle Hospital are self-guided extensions of our field trip programs. Please plan your trip accordingly to account for extra exploration time for your students! Self-guided campus experiences include:

Outdoor Sea Turtle Hospital

Explore our Outdoor Sea Turtle Hospital to learn about our Rescue to Release process and meet our current sea turtle patients who are receiving care by our veterinarians. The new Outdoor Sea Turtle Hospital features sea turtle rehabilitation tanks with viewing panels for guests to see our sea turtle patients up close. The new Intensive Care Unit is where we place sea turtle patients that are undergoing critical care and recovery in our Hospital. The Indoor Sea Turtle Hospital is where our veterinary team actively performs sea turtle treatments, radiographs, surgeries, and more! Make sure to stop by the viewing windows to see what treatments are being done each day!

Outdoor Ecosystem Terrace

Explore Florida's coastal ecosystems, including the mangrove ecosystem and coral reef ecosystem, to discover the importance of each of these critical habitats to the health of the ocean. Stop by the Gulf Stream Tank to learn about an apex predator. Daily educator-led Science Shorts and biofact carts will be conducted on this level for extended learning. Wet exhibits include:

- Mangrove Ecosystem Exhibit
- Caribbean Coral Reef Exhibit
- Gulf Stream Tank

One Ocean Hall

Immerse yourselves into the underwater scenes of the World's Ocean and explore how the ocean impacts your everyday life, regardless of where you live. Discover Florida's Coral Reef and the seagrass ecosystem to learn about restoration efforts in effect to protect these ecosystems and learn what you can do in your life to protect our ocean. Exhibits include:

- Florida's Coral Reef Exhibit
- Seagrass Ecosystem Exhibit
- Jellyfish Exhibit
- Digital Reef Exhibit
- Ocean Services Exhibit

Florida's State Academic Standards for Science

Elementary School

SC.K.N.1.2. "Make observations of the natural world and know that they are descriptors collected using the five senses."

SC.K.N.1.5 "Recognize that learning can come from careful observation."

SC.1.N.1.2 "Using the five senses as tools, make careful observations, describe objects in terms of number, shape, texture, size, weight, color, and motion, and compare their observations with others."

SC.1.N.1.3 "Keep records as appropriate - such as pictorial and written records - of investigations conducted."

SC.2.L.17.2 "Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs."

SC.2.N.1.1- Raise questions about the natural world, investigate them in teams through free exploration and systematic observations, and generate appropriate explanations based on those explorations.

SC.3.N.1.3 "Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted."

SC.3.N.1.6 "Infer based on observation."

SC.4.L.16.3 "Recognize that animal behaviors may be shaped by heredity and learning."

SC.4.N.1.3 "Explain that science does not always follow a rigidly defined method the scientific method, but that science does involve the use of observations and empirical evidence."

SC.5.L.17.1 "Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycle variations, animal behaviors, and physical characteristics."

Middle School (6th – 8th)

SC.6.N.1.5 "Recognize that science involves creativity, not just in designing experiments, but also in creating explanations that fit evidence."

SC.6.E.6.2- "Recognize that there are a variety of different landforms on Earth's surface such as coastlines, dunes, rivers, mountains, glaciers, deltas, and lakes and relate these landforms as they apply to Florida."

SC.7.E.6.6 "Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water."

SC.68.CS-CS.1.4 "Interact with content-specific models and simulations to support learning, research and problem solving (e.g., immigration, international trade, invasive species)."

SC.68.CS-CP.2.1 "Develop problem solutions using visual representations of problem states, structures and data."

High School (9th – 12th)

SC.912.CS-CS.1.2 "Formulate, refine, and test scientific hypotheses using models and simulations."

SC.912.CS-CP.1.3 "Analyze and manipulate data collected by a variety of data collection techniques to support a hypothesis."

SC.912.CS-CS.6.4 "Explain the notion of intelligent behavior through computer modeling and robotics."

SC.912.L.17.20 "Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability."

SC.912.L.17.16 "Discuss the large-scale environmental impacts resulting from human activity, including waste spills, oil spills, runoff, greenhouse gases, ozone depletion, and surface and groundwater pollution."

SC.912.L.17.9- "Use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels."

SC.912.L.17.8- "Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species."

