

## 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 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](mailto: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  
[ahutwagner@marinelife.org](mailto:ahutwagner@marinelife.org)

# Table of Contents

Information & Pricing.....	3
Policies .....	4
Loggerhead Marinelif e 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 Marineline Center, please visit our website at <https://marinelife.org/field-trips-school-outreach/>.

Please note, field trips are either 1.5-hour, or 2-hour educator-led lessons held in a classroom, laboratory, or field setting. All lessons are aligned to Florida's State Academic Standards for Science. Exploration of our indoor One Ocean Hall and Outdoor Ecosystem exhibits are self-guided extensions of our field trip programs. Schools have the option to select a guided experience with our turtle patients. 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. Each session can accommodate a maximum of 70 students.

## Pricing

Field trip pricing is \$15 per student for 1.5 hour and \$25 per student for 2 hours and payment is collected upon booking. Teachers and school staff are free, but there is a charge of \$5 per non teacher/ school staff chaperone.



## General Policies

On the day of your scheduled field trip, please arrive 10 minutes early to check-in at the field trip entrance, **not the main entrance**. Field trip check in is located on the **north side** of the building. A staff member will greet you at the double doors. Buses will park in the bus lane on the north side of the building as you enter Loggerhead Park. There will be a bus parking sign out on the sidewalk.

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 Marinelifelife Center  
Attn: Michael Perry School Programs  
14200 US Hwy One  
Juno Beach, FL 33408

The field trip maximum is 70 students. Please be prepared to divide students into two groups, with no more than 35 students in each group.

Ensure that you have a 1:10 ratio of students to chaperones (teachers or Adult chaperones). If you do not bring the proper ratio, an additional fee of \$100 will be requested.

We recommend that all participants wear closed-toed shoes and bring a filled reusable water bottle. We have a drinking fountain and refill station 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 117 or email 'guestservices@marinelife.org'

Lunches -student groups will use the public pavilions located in Loggerhead Park for lunch. Students will also be able to order lunch through the café if noted on your booking in advance for a preset menu.

Once students exit Loggerhead Marinelifelife Center to the Pavilions, students will not be able to reenter from the back gate but must come back in through the front entrance. Loggerhead park has bathrooms and a water fountain available.

## Loggerhead Marinelife 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 Marinelife 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 Education Deck. 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 Marinelife Center, at which point no refunds will be given.

The most important rule, enjoy your visit!

## Gift Store Guidelines

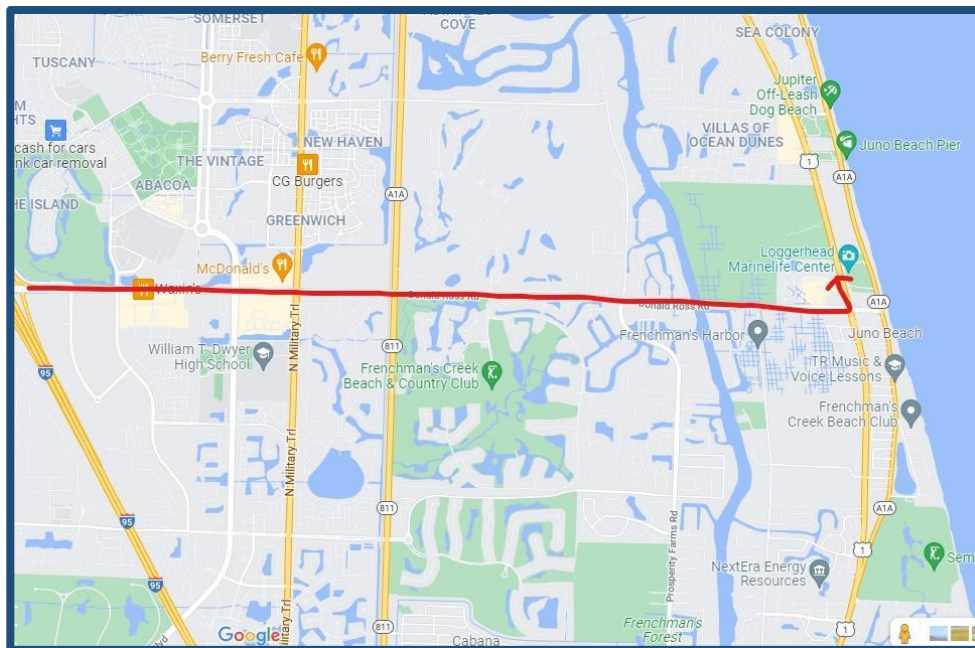
When visiting the gift store, please send no more than 7 students with 1 adult at one time. We ask that students not touch fragile goods like jewelry, plates, or other glassware. Students and groups should be respectful of other guests shopping at the same time.



## 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 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.



## LMC Campus Experience & Exhibits

Exploration of our expanded campus including the indoor One Ocean Hall and outdoor Ecosystem Exhibits are self-guided extensions of our field trip programs. A 30 minute tour of our Outdoor Sea Turtle Hospital is optional. Please plan your trip accordingly to account for extra exploration time for your student! Self-guided campus experiences include:

### 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 Exhibit
- Learning Lagoon

### 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 seagrass ecosystem and lionfish exhibit to learn about why we need to protect these ecosystems and learn what you can do in your life to protect our ocean. Exhibits include:

- Lionfish Exhibit
- Seagrass Ecosystem Exhibit
- Jellyfish Exhibit
- Digital Reef Exhibit

# Florida's State Academic Standards for Science

## Middle School (6<sup>th</sup> – 8<sup>th</sup>)

### Pelagic Problem Solvers

**SC.6.N.2.2** “Explain that scientific knowledge is durable because it is open to change as new evidence or interpretations are encountered.”

**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.”

### Squid Dissection

**SC.6.L.15.1** “Analyze and describe how and why organisms are classified according to shared characteristics with emphasis on the Linnaean system combined with the concept of Domains.”

**SC.7.L.15.3** “Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.”

### Biodiversity Beach Trek

**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.L.17.3** “Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.”

**SC.8.E.5.9** “Explain the impact of objects in space on each other including:

1. the Sun on the Earth including seasons and gravitational attraction
2. the Moon on the Earth, including phases, tides, and eclipses, and the relative position of each body.”

### Coastal Trek Field Guide Experience

**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.L.15.3** “Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.”

### Guided Tour

**SC.7.L.15.3** “Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.”

## High School (9<sup>th</sup> – 12<sup>th</sup>)

### Biodiversity Beach Trek

**SC.912.L.17.7** “Characterize the biotic and abiotic components that define freshwater systems, marine systems and terrestrial systems.”

**SC.912.L.17.18** “Describe how human population size and resource use relate to environmental quality.”

**SC.912.L.17.3** “Discuss how various oceanic and freshwater processes, such as currents, tides, and waves, affect the abundance of aquatic organisms.”

### Coastal Trek Field Guide Experience

**SC.912.L.17.4** “Describe changes in ecosystems resulting from seasonal variations, climate change, and succession.”

### Squid dissection

**SC.912.L.15.6** “Discuss distinguishing characteristics of the domains and kingdoms of living organisms.”

**SC.912.L.15.7** “Discuss distinguishing characteristics of vertebrate and representative invertebrate phyla, and chordate classes using typical examples.”

### Pelagic Problem Solvers

**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.17.17** “Assess the effectiveness of innovative methods of protecting the environment.”

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

### Guided Tour

**SC.912.L.15.7** “Discuss distinguishing characteristics of vertebrate and representative invertebrate phyla, and chordate classes using typical examples.”

**SC.912.L.15.13** “Describe the conditions required for natural selection, including: overproduction of offspring, inherited variation, and the struggle to survive, which result in differential reproductive success.”

