



## Marineland's Formal Classroom Lesson Field Trip Option

Marineland offers the following **Formal Classroom Lesson field trip** opportunity which includes the following:

- **Shark Talk**: An Educational Talk on all our Sand Tiger Sharks, the importance of sharks to our oceans, and shark conservation.
- **Turtle Talk**: An Educational Talk about Sea Turtles, including our Loggerhead sea turtle's story and sea turtle conservation.
- **Dolphin Talk**: An Educational Talk provided by one of our Marine Mammal Specialists and of course members of our Marineland Dolphin Family!
  - 11:15 AM & 2:30 PM (For the Fall & Winter Months); Maybe different times depending on the season
- **Sea to Shore Aquarium Tour**: Your group will get to experience a private tour through our in-door aquarium filled with fish, corals, eels, sting rays, and more.
- Your group will receive one ~30 - 45-minute lesson that your group is able to choose from the following field trip lessons. Although they are formal classroom lessons they are fun, interactive hands-on activities to engage the students.

For **\$16/student**, we invite you to bring your students to enjoy all of these different animals, educational talks, and a ~45-minute interactive lesson to learn more about the animals and the ocean. In choosing this option we do our best to fit all these educational talks, tours, and the lesson of your choice into your group's schedules. Please note the only times that can not be adjusted is the Dolphin Talk.

We can accommodate any size group with this option however please know that your large group will be split into smaller groups in order to create the best experience. The number of groups is dependent on your group's size.

To increase the interactive opportunities for your students, our professional education staff proudly offers the following additions to your standard educational visit:

- **Touch and Play** a ~5-minute out-of-water interaction with our dolphins, guided by our professional Marine Mammal Specialists. **\$27/student (includes digital photos)**

**Note:** For an additional \$5/student, a formal classroom lesson may be added to the Education Station or Touch and Play options.

## Formal Classroom Lesson Options

Theme	Lesson Choices	Descriptions
Anatomy and Adaptations	Our Anatomy and Adaptations are included as a part of the relevant lessons below. If you are interested only in doing our anatomy and adaptations as your lesson we would be happy to accommodate.	
Ecosystems	Coral Reefs	Why are coral reefs important? What are some of the threats that they are facing? Students will explore the importance of coral reefs and the many benefits they provide to other marine life by participating in a hands-on activity. Students will build their own coral reefs as well as share their coral reefs with each other in order to find their fish!
	Invasive Species	What is the difference between an invasive and a non-native species? Where do they come from? Students will have the opportunity to learn about invasive species and specifically one impacting the Atlantic Ocean, the red lionfish. Through an interactive game, students will learn the effects that invasive species have on an ecosystem and the ways in which they can help.
	Carrying Capacity*	Would it surprise you to know that there is a limit to how many animals an ecosystem can support? Students will learn the different limiting factors within an ecosystem and how they affect different animal populations.
	Ecosystem Engineers	Do you know what an animal needs to survive in its environment? Do all animals in the ocean need the same resources? Students will have the opportunity to learn about the individual needs of different species of marine life. Included in this lesson is a fun and interactive activity where

		students will design habitats for some of the species right here at Marineland.
Conservation	Upcycling	What happens when something becomes trash? Students will have the opportunity to learn about upcycling and the many benefits that upcycling can provide to our environment. Students will also have the opportunity to turn old materials that we would consider trash into new items with a new purpose!
	Plastic Voyages	What happens when plastic gets into our oceans? What are microplastics? Students will have the opportunity to learn all about how plastic enters, affects, and is removed from our ocean ecosystem. Learn all about this and more in a fun and interactive activity where students will see how hard it can be to remove plastic from water and sand.
Field Research	Marine Mammal Rescue (Mock Stranding)	Students will learn the ins and outs of what goes on during a real-life marine mammal stranding response. Students will then be able to put their knowledge to the test by working together in a 15-minute mock stranding. This unique opportunity encourages students to learn about the importance of conservation, and how to protect the Earth's marine mammals.
	Shark Tracking	Why is it important to track animals? What information do researchers collect? Students will have the opportunity to look at real data collected on tagged sharks from Ocearch. Using maps, students will be able to plot points of where these animals have been and interpret and brainstorm what that data means.

<h2 style="text-align: center;">Ecological Footprint</h2>	<h3 style="text-align: center;">Migration Madness*</h3>	<p>Do you know how many North Atlantic Right Whales there are left in our oceans? Ever wonder why Florida is important for their species? Students will learn about N. Atlantic Right Whales, their importance to the ecosystem, and the threats they face from humans that have caused their struggling population to continue to decline.</p>
	<h3 style="text-align: center;">Sea Turtle Survivor</h3>	<p>Ever wondered what it's like to be a sea turtle? Students will have the opportunity to become part of a loggerhead sea turtle nest as they walk through the many stages of life, while also learning all about the many threats that they face. Learn all of this and more in a fun and interactive game of chance!</p>
	<h3 style="text-align: center;">What's In the Water</h3>	<p>What is pollution? What are the different pollutants that affect the environment? Students will have the opportunity to learn about different types of pollutants that enter our waterways and what they can do to help stop them. In a fun and interactive game students will have the ability to see the difficulties of cleaning up a mock oil spill.</p>
	<h3 style="text-align: center;">Dune Defenders</h3>	<p>What are sand dunes and why are they important? In what ways do humans impact them? Students will have the opportunity to learn about the importance of sand dunes and what happens if they are damaged or lost. In a fun and interactive game students will be able to create their own sand dunes to see if they can withstand the elements.</p>

\*Please note Marineland Dolphin Adventure does not have Manatees, Sea Lions, or North Atlantic Right Whales on site however they are important marine megafauna.