



4-H Camp Timpoochee

DAY TRIP

ENVIRONMENTAL EDUCATION PROGRAMS



Hands-on environmental and marine science education programs for youth in grades 4-12. Below are the class options for the day trip to camp. Contact timpoocheeard@ifas.ufl.edu for information about education standards, pricing and to book your program! Please note that some classes may have extra fees, seasonal availability, or require traveling off our facility.



MARINE MEGAFAUNA

Take an in-depth look at the largest animals of the sea - mammals, sharks and reptiles! Students will identify adaptations in each group & highlight how important each group is for the ocean.



DISSECTING OCEAN LIFE

Through comparative dissections, students experience firsthand the value of investigating organisms. Students will observe & discuss the differences in adaptations between marine vertebrates and invertebrates.



PLANKTON MATTERS

Learn how to identify plankton species and classify them into four major categories. If experienced at Camp, students can collect their own plankton samples from the Choctawhatchee Bay!



WATER QUALITY LAB

The health of our water is critical for all life. Using scientific inquiry and equipment, students work together to gather and interpret data from three local sources: freshwater, saltwater & brackish water!



OCEANS, HURRICANES & YOU!

The strongest storms on Earth are hurricanes! Explore the huge role oceans play in their formation, and through historical data compare the impact of several famous hurricanes on the Gulf of Mexico.



MARINE INVERTEBRATES

Marine invertebrates make up over two thirds of the biodiversity of ocean fauna. Learn how scientists classify organisms using taxonomy while describing unique adaptations of marine sponges, cnidarians, mollusks, echinoderms, annelids, and arthropods.



SHARK DISSECTION +

A guided dissection of the Dogfish Shark. Students will use dissection instruments to distinguish the form and functions of the internal and external anatomy of the shark.



DIPPING & SEINING IN THE BAY~

Students will learn how to use dip and seine nets to collect organisms from the Choctawhatchee Bay. After collection, students will identify the organism's species and learn unique adaptations these organisms have to survive in marine ecosystems.



A STUDY ON MARINE POLLUTION

Dive into different types of marine pollutants and the impacts they can have on different ocean ecosystems. Explore ways that humans can prevent, mitigate, and/or reverse the effects of pollution.



TIMPOOCHEE ECOSYSTEM HIKE

Explore the beautiful nature of Timpoochee's different ecosystems and the diversity of flora and fauna that calls camp home. Approximately 1 mile of walking on flat terrain.



BAY FISHING

Catch and release fish right from the Camp Timpoochee dock. No fishing experience is required, and all equipment is provided. Expect to potentially catch a wide variety of juvenile Gulf fish and learn all about them and their lifestyles.



CHALLENGE YOUR TEAM

Students come together to solve challenging problems, while growing team bonds, developing communication skills, and exhibiting leadership roles within their teams.



KAYAKING

A guided kayaking tour on the Choctawhatchee Bay. Some kayaking experience preferred, not ideal for first-time kayakers.



SNAKES OF NORTH FLORIDA

Often misunderstood creatures, snakes' unique and significant roles in our ecosystems are often overlooked. Students will debunk common snake myths, discern differences between venomous and nonvenomous snakes, and identify the snakes that call our region home.



LIONFISH INVASION

The most successful marine animal invader, lionfish, have been calling the Gulf of Mexico home since 2009. Discover how the life history traits of lionfish have made them the ideal invader and explore how humans are managing their spread.



AQUATIC MACROINVERTEBRATES

Freshwater aquatic macroinvertebrates are essential to any freshwater ecosystem. Students will learn how to analyze the health of a body of water based on the presence or absence of specific freshwater macroinvertebrate species.



HENDERSON BEACH STATE PARK GEOLOGY*

Travel to the beach to learn how coastal geologists characterize beaches. Students will calculate slope of the beach and analyze the sediment origins. To spend a half day at the beach, select a Henderson Beach State Park Adventure to pair with this class! Transportation to the beach not provided by Camp Timpoochee.



HENDERSON BEACH STATE PARK ADVENTURE*

Select an adventure for your students to go on while at the beach: sea turtle study, living beach hike, dip/seine~, or sand dune hike. To spend a half day at the beach, select Henderson Beach State Park Geology to pair with this class! Transportation to the beach not provided by Camp Timpoochee.

+ Class has an additional \$10/student fee.

~ Class enters the water and is NOT available November 1 - March 15.

* Going to Henderson has a \$5/student fee. The \$5 covers one or two classes at the beach. Traveling to Henderson also includes crossing a toll bridge at \$8/vehicle roundtrip, and toll is not paid by Camp Timpoochee.