

FIELD TRIPS

In the field programs are offered mid-March through mid-October (can vary with weather) at our local beaches (Asharoken, Centerport, or Gold-Star Beach).

NEW!! We are now offering programs at our Marine & Environmental Education Center: Fuchs Preserve at Cranberry Hill Education Center in Northport (Available May-October).

MARINE CONSERVATION & BEACH CLEAN-UP

(Grades: 2-12)

Help keep our seas free of debris! What is marine debris and how can it have serious impacts on both marine wildlife and humans? How does our trash make it to the ocean and how long will it stay there? We answer these important questions and discuss how we can make a difference. Students participate in a beach clean-up using provided materials for safe trash pick-up. This activity will be followed by an evaluation of what the students have discovered and hands-on time with live local marine animals that are affected by pollution.

(\$14 per student; Minimum Fee: \$140 for 2 hours. Maximum 60 students.)

BEACH LIFE TALK & TOUR

(Grades: K-12)

Let's explore the beach! This program includes a hands-on introduction to local marine life, exploring time as we help students seine the bay and learn about the animals we collect and beach-combing for treasures on a scavenger hunt.

Seasonal, weather permitting; please wear water shoes and dress for the weather.

(\$13 per student; Minimum Fee: \$130 for 2 hours. Maximum 60 students.)

LONG ISLAND'S MARINE ECOSYSTEMS:

FRESH VS. SALTWATER

(Grades: K-12)

Enjoy the best of both worlds! Long Island is surrounded by saltwater but freshwater can be found within our coastline. Both of these different, yet similar ecosystems are crucial in better understanding Long Island's marine ecosystems. Students will participate in our preserve's nature walk, witness wildlife along the trail, visit a flourishing freshwater pond, and collect water samples to observe under a microscope at our Environmental Education Center. Our program will conclude with a lesson and interaction with live, local animals from saltwater ecosystems.

(\$13 per student; Minimum Fee: \$130 for 2 hours. Maximum 60 students.)

Extension option: Take a trip to Asharoken Beach to seine and collect saltwater creatures, so that you can observe both ecosystems (only 5 minutes away)!

(Additional* \$11 per student; Minimum Fee: \$110 for an additional 1.5 hours)

Visit us at our site at: FUCHS POND PRESERVE & ENVIRONMENTAL EDUCATION CENTER



Fuchs Pond Preserve is a part of the 21-acre preserve in Northport which consists of a 5-acre, spring-fed freshwater pond, freshwater marsh, and upland slope forest.

This wetland preserve neighbors Crab Meadow Beach, the perfect area for nature exploring.

For more information, call or email Alexandra Stevens (ams838@cornell.edu) at 631-239-1800 EXT. 30.

Bussing a problem?

Schedule an in-school field trip. For only a few dollars per child, your class can have an exciting hands-on experience that they will never forget!

We accept BOCES funding for payment.

We are happy to accommodate your curriculum needs. Please feel free to call to discuss options. (Advanced notice is required)

Please contact the Cornell Cooperative Extension of Suffolk County office if you have any special needs.

This notice is distributed to students solely as a community service by the school district. This activity is not considered an Elwood School District endorsed or sponsored activity. Cornell Cooperative Extension in Suffolk County is a 501(c)3 not-for-profit organization.

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Cornell University
Cooperative Extension
of Suffolk County

2018 SCHOOL/GROUP PROGRAMS

631.239.1800 EXT 30

ams838@cornell.edu

www.cornellmarinecamps.com



**BOOK YOUR DATES EARLY
BEFORE THEY SWIM AWAY!**

Marine Science & Environmental Education
Western Suffolk Marine Program

AT YOUR FACILITY

(programs are available year-round)

Let us bring **AQUATIC ADVENTURES** to you!

DISCOVERY TANK (Grades: PreK-12)

Fee for this class is \$185

Study the marine environment every day! Discover the wonders of local marine life in this unique presentation. Following a hands-on introduction to shellfish, hermit crabs, snails & fish, a low-maintenance, 10-gallon saltwater aquarium filled with these animals is left for display in your classroom.

SEASHORE SAFARI (Grades: PreK-12)

Bring the beach to your classroom! A great alternative to a field trip, this hands-on presentation introduces your students to local marine life - sea stars, shellfish, hermit crabs, snails, and... the infamous horseshoe crab.

For large groups (more than 30/class) or events, we can schedule a Marine Animal TOUCH TANK at \$160/hour.

MARINE DEBRIS AND ENTANGLEMENT

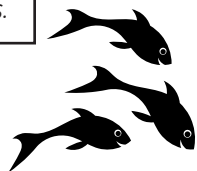
(Grades: 1-12)

What happens to litter on the beach? Explore the problem of debris in the marine environment. Learn about different types and sources of debris, how it impacts marine wildlife through ingestion and entanglement, and how students can help. An excellent opportunity for your students to become young stewards of the environment!

Please see our Field Trip program "Marine Conservation & Beach Clean-Up" for a more hands-on experience!

All classes at your facility are 50 minutes long and cost \$160 each. Maximum of 30 students per class.

Check out our website at: www.ccesuffolk.edu for a full listing of programs or let us know what you need to fit your curriculum!



CHECK OUT OUR LATEST ADDITIONS!

NEW! **COMBATING CLIMATE CHANGE** (Grades: 6-12)

Earth's changing climate is a HOT topic these days. What does it mean for our oceans and local bays? How can we better understand these changes? Better yet, what can we do to help fix it? Students will learn about local and global climate issues, and get a first look at what live, local species are being affected most by a changing climate!

NEW! **WHY ARE CLAMS SO HAPPY?!** (Grades: 3-12)

Ever hear the expression: "I'm as happy as a Clam!"? Let's take a look into why these shellfish are so happy. Long Island has a rich shellfish history. Students will learn about Long Island's maritime culture and how SHELLFISH were once a major economic success. A fun hands-on introduction to local shellfish species, while learning about their interesting biology...you'll leave smiling!

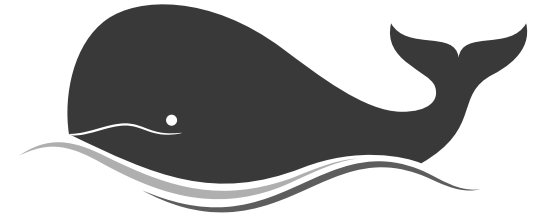


NEW! **WHAT ARE YOU AND WHERE DID YOU COME FROM?** (Grades: 3-12)

Have you ever wondered how that Asian shore crab made it to your local beach? How did it get there? When did it arrive? How does it affect the local ecosystem? How can we fix this issue? We have more invasive marine species than ever before. Students will interact with some invasive species, as well as some native ones. You may be surprised to find out what animals were not always here.

NEW! **FISH ARE FRIENDS...AND SOMETIMES FOOD** (Grades K-12):

Ever wonder where the seafood on your dinner plate came from? We think it's important for students to establish a connection and understanding of where their food comes from. Our oceans and bays are full of yummy and nutritious creatures. Students will learn what animals need our help and protection, and what's safe to eat. We will discuss different fishing methods and by-catch! We will also incorporate a special hands-on experience with the creatures we love in the water and on our dinner plates.



WHALE OF WONDERS (Grades: PreK-12)

Your students will have a whale of a time learning about marine mammals, their incredible sizes, their diets & feeding behaviors. This interactive class includes hands-on time with bones, teeth, baleen, and K.C. - our life-size, inflatable baby humpback whale!

NEW! **BIO-LUMINESCENT MAGIC** (Grades: 3-12)

Dive into the mysterious environment of the deep sea as you learn about bio-luminescent animals through slides and pictures, glowing models, and demonstrations. Compare this unexplored world to some land bioluminescent creatures. This dark world can be brought right to your classroom!

(Best setting for this program is in a dark room)

STORMWATER SUPERHEROES

(Grades: 1-12)

Learn how to be a superhero! Students will explore what they can do to help our local bays and watersheds. We will discover how various kinds of pollution make their way to the bay and ocean and how it affects local marine life. Hands-on demonstrations and a Storm drain system built right in your classroom will get your students ready to be Stormwater Superheroes!

Free to select Suffolk County Schools, ask us if your school qualifies. (Free Classes are limited)

