



## The Long Island Sound in your Classroom.

Explore Sheffield Island and try various activities discussed in the classroom, tour the lighthouse and explore the Stewart B. McKinney National Wildlife Refuge.



**Date: Saturday October 1, 2022 - 9 am - 3 pm**

We will start the morning at The Norwalk Seaport Association's Office. Here we will learn about planning a trip to do ecological studies, data collections and water analysis. Then we will depart for the Norwalk Seaport Association dock and take their boat to Sheffield Island. Here we will tour the lighthouse and try the various activities presented. We will also learn about the Maritime history of Norwalk's Harbor and make curricular connections with Next Generation Science Standards such as : HS LS2-6 , DCI LS2.A - Interdependent Relationships, DCI LS2. C - Ecosystem Dynamics, DCI LS4.D - Biodiversity and Humans and CCC Stability and Change, Systems and System Models

- View and identify a wide variety of bird species on the journey to Sheffield island.
- Discuss the adaptations that have allowed various species to thrive in Norwalk's Harbor.
- Tour of the lighthouse and learn about the history of the island and the lighthouse keepers
- Explore the coast line and view, sketch or collect and identify a wide variety of
  - Shells, Crabs, Seaweeds and other small organisms
- Take water samples and discuss water quality
- Investigate, explore and compare the variety of estuary ecosystems present on the island including the salt marsh, rocky shore and sandy shore.
- Discuss the importance of each ecosystem and the impact humans have on those systems
- See one of the largest Osprey nests atop the boat ramp to the island
- Pull a plankton net and a seine net observe and identify plankton species present
- Do a crab count of local crabs by size, species and sex.
- Sample a variety of lessons for students k-12 and provide feedback for the Seaport Association.

### **Workshop Cost and Registration (Space is limited sign up ASAP)**

- [Complete the google form using the linked here to register](#) :
- Cost: \$10 venmo or check - details will be sent once registration is completed. Payment must be made to reserve your spot for the workshop
- Goodie bags with supplies to run your own field trip will be given out at the end of the class and may include, seines, nets and other fun stuff

**Please dress for the weather and be prepared to get wet, muddy and have fun. Bring your own lunch, bug spray and sunscreen we will be outdoors on an island for the majority of the day**

### **Class will be taught by**

**Eva Bartush**

Brien McMahan High School's  
Marine Biology and Marine Science teacher

and

**Susan Daignault**

Naramake Elementary School's  
Kindergarten Teacher