Long Island Sound Ecosystems Workshop

Interested in getting students outside for hands-on STEM activities to become stewards of their local environments?
Come explore & learn about a local marine ecosystem featuring real-world hands-on STEM activities to use with your students.

Activities will include a Mini-BioBlitz using the Seek app from iNaturalist, 4 Marine Ecosystem Learning Stations, and a Beach Clean-Up using Marine Debris Tracker. All activities make curricular connections with Next Generation Science Standards such as MS-LS2 Ecosystems: Interactions, Energy & Dynamics and MS-ESS3 Earth and Human Activity.

Although this workshop is geared towards middle school 6th-8th grade students, the activities can easily be adjusted to suit any grade, so all K-12 teachers are welcome!

When: Saturday, September 9, 2023, 9am-4pm
Where: Hammonasset Beach State Park, Madison, CT
(Pavilion closest to Meg's Point Nature Center)

Workshop Cost & Registration (Space is limited sign up ASAP)

☐ Complete the google form using the linked here to register:
https://docs.google.com/forms/d/e/1FAIpQLSco661MJb_LGxvlLKcGOcTxeErFd9rV7aNAVCqUMZu1vi-ORg/viewform

☐ Cost: $10 - 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 workshop and may include field guides, seines, magnifying lenses, online resources, and other fun stuff!

☐ We will also have a couple of really cool surprise items to raffle off some lucky winners!

A light breakfast & snack will be provided, but please bring your own lunch.
Also, don't forget to dress for the weather, bring bug spray & sunscreen and
be prepared to get wet, muddy and have a fun day on a local marine ecosystem.

Workshop will be led by:
Kattie Konno-Leonffu, 5th & 6th Gr. Science Teacher, Clinton Avenue School, kattie.leonffu@new-haven.k12.ct.us
Kelley Rodriguez, 7th & 8th Gr. Environmental Science Teacher, Barnard Environmental Science & Technology School, kelley.rodriguez@new-haven.k12.ct.us

NGSS Alignments

MS-LS2, Ecosystems: Interactions, Energy, and Dynamics
MS-LS2-1, Analyze & interpret data to provide evidence for the effects of resource availability on organisms & populations of organisms in an ecosystem.
MS-LS2-2, Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.
MS-LS2-3, Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.
MS-LS2-4, Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
MS-LS2-5, Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

MS-ESS3, Earth and Human Activity
MS-ESS3-3, Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment
MS-ESS3-4, Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.