

Field-Based Ecology Along Long Island Sound

A One-Day Professional Learning Workshop
Hammonasset Beach State Park, Madison CT



Spend the day working as field ecologists with Amber Neary (ECE Environmental Science) and Jill Blasi (AP Bio and Marine Science) from Woodland Regional High School in two coastal systems: the rocky intertidal zone and the salt marsh. Participants will engage in hands-on investigations designed for grades 6–12 and aligned to NGSS practices.

Lessons for grades 6-12

- Marsh study: Biodiversity, Food Web, and Human Impact
- Rocky Intertidal Study: Biodiversity, Zonation, Adaptations, Invasive Species, and Keystone Species

Registration:

\$10 Registration Fee. Space is limited so register early!

Email aneary@region16ct.org to register

NGSS Standards: MS-LS2-1, MS-LS2-2, MS-LS2-3, MS-LS2-4, MS-LS4-4, HS-LS2-2, HS-LS2-4, HS-LS2-5, HS-LS2-6, HS-LS2-7, HS-LS4-2

Lots of FREE supplies and fun items will be raffled (see list on next page)

Friday, May 8 (8:30 - 2:30)
Rain Date: Saturday, May 9

See below for schedule and important notes.



Friday, May 8

(8:30 - 2:30)

Rain Date:

Saturday, May 9

Time Frame	Plan
8:30 - 9:00	<ul style="list-style-type: none">● Breakfast refreshments (provided)● Orientation for the day● Introductions<ul style="list-style-type: none">○ Jill Blasi and Amber Neary, Woodland Regional High School○ Diana Payne and Ashley Morrell from LISMT Program○ Participant introduction
9:00 - 9:20	<ul style="list-style-type: none">● Hike out to the Marsh area
9:20 - 11:20	<ul style="list-style-type: none">● Upper Marsh and Lower Marsh Quadrat Biodiversity Study● Food Web<ul style="list-style-type: none">○ Exploration and activity● Discussion of Human Use vs. Conservation Trade-offs
11:20 - 11:40	<ul style="list-style-type: none">● Hike back to Meigs Point/parking lot
11:40-12:10	<ul style="list-style-type: none">● Lunch
12:10 - 2:00	<ul style="list-style-type: none">● Rocky Intertidal Zonation Study<ul style="list-style-type: none">○ Organism identification○ Zonation adaptations○ Abiotic and biotic factors○ Keystone species (sea star) and/or invasive species
2:00 - 2:30	<ul style="list-style-type: none">● Survey● Give Away Raffle
2:30	<ul style="list-style-type: none">● OPTIONAL Meigs Point Nature Center Visit



**LONG ISLAND SOUND
PARTNERSHIP**

Important Information

- Meet at Meigs Point Nature Center parking lot at Hammonasset Beach State Park at 8:30
 - Parking is free if you have a CT license plate
- Dress for the field - we will be hiking into the marsh and working in the rocky intertidal zone. Waterproof/resistant shoes are recommended. We will also be walking through sand.
 - Pro tip: Bring a change of shoes and socks for the drive home
- Bring a bag lunch and a water bottle

FREE STUFF ... Oh, the joy!!!

ALL Participants Receive:

- Folder of usable lessons for their classroom
- A set of laminated handouts for the activities today
- Supplies
 - *Atlantic Seashore Field Guide*
 - Aquatic Net
 - Collecting Forceps
 - Dry Bag

Fun Items to Win in the Raffle

- New England Seashore Life (Pocket Naturalist Guide)
- Extendable Aquatic Net
- Sampling Pan
- Collection Container
- Guide to Atlantic Seashells
- Waterproof Field Notebook
- Salinity Refractometer