



2024 Floating Classroom Menu

Friend Trip/Lesson: \$25 per student

Minimum: 12 students (minimum \$300)

Boat capacity: 25 individuals (including adults, teachers, chaperones, etc.)

Time: 1 hour 15 minutes, bus door to bus door

1) Pleasant Bay Ecology: Overview of the Pleasant Bay ecosystem

Students will embark on a tour of Pleasant Bay to learn about the creatures that inhabit our area. Aquaria will be on board with native invertebrates that we will discuss and pass around to provide a hands-on experience. We will pull our crab trap to learn about crab diversity in Pleasant Bay. We will provide binoculars for potential marine mammal and avian viewing. We will also view and discuss erosion and erosion mitigation techniques.

2) Water Quality Lesson: Participate in water quality/data collection

Students will learn about and participate in taking water quality samples and recording data. We will give an overview of the importance of water quality testing and will provide short demos for each instrument. Students will then rotate stations so that each gets a chance with each instrument. We will discuss the threats of decreasing water quality, which will be followed up with the importance of our current/past kelp and eelgrass stewardship projects.

Friend Trip + Land Stations: \$40 per student

Minimum 12 students (minimum \$480)

Boat capacity: 25 individuals (including adults, teachers, chaperones, etc.)

Time: 2 hours and 30 minutes, bus door to bus door

Each of the following experiences include your choice of either Friend trip listed above plus two land-based activity stations, for a total of 3 activities. Each experience will include a naturalist-led beach walk plus one other station of your choosing. The beach walk will include hand netting and seine netting. Please see the options for land station #2 below:

1) Plankton Diversity & Identification

Students will learn about the diversity and importance of plankton to our oceans. They will have the chance to use microscopes to identify wild-caught plankton. We will also have a collection of prepared slides and specimens available, so the students can practice their microscope skills.

2) Aquaculture

The aquaculture lesson will include a tour of our upweller system and the opportunity to handle growing shellfish. We will discuss how and why shellfish are raised in this way, and also why this industry is so important to Cape Codders and our ecosystem.

3) Algae

Students will receive a lesson about the different kinds of algae, their importance globally, and the types of algae found in Pleasant Bay. They will have the opportunity to handle algae and look at specimens using microscopes.

***Please note:** we will make every effort to still run your full length trip if your bus is late. However, our staff and property will not always be able/available to extend your trip beyond the agreed-upon end time. We host hundreds of school children each spring, so we could very likely have a group coming in after yours that we must prepare for.*

Adult Friend Trips: \$25 per person,
Minimum persons (minimum-\$300),
Maximum 25 Individuals (per trip)
Time: 1 Hours 15 Min, parking lot to parking lot

1) Pleasant Bay Ecology Tour: Learn about the Pleasant Bay ecosystem

Participants will embark on a tour of Pleasant Bay to learn about local species. Aquaria will be on board with local invertebrates that will be talked about in depth and passed around for a hands-on experience. A crab trap will be pulled up to learn about and assess crab diversity in Pleasant Bay. Binoculars will be provided for potential marine mammal and avian viewing. Binoculars will also be used to view and talk about erosion and erosion mitigation techniques prevalent in Pleasant Bay.

2) Pleasant Bay General Tour: Natural History

Participants will embark on a naturalist led tour aboard the FCRV. Observe local species in aquaria on board while learning about the geography, natural history, and current environmental issues in Pleasant Bay. It is a great way to get acquainted with Pleasant Bay!

Local Funding Resources and Grants are available at institutions such as:
Friends Of Pleasant Bay, grants@friendsofpleasantbay.org
Chatham Waterways, grants@chathamwaterways.org