

WELCOME EDUCATORS

Frosty Drew Nature Center—an independent, nonprofit, tax-exempt educational organization—has been offering outstanding field study opportunities to thousands of students since 1983.

Located in Charlestown on the doorstep of the Ninigret National Wildlife Refuge and a short distance from the Ninigret Conservation Area off East Beach Road, Frosty Drew Nature Center serves as a gateway to the largest salt pond in Rhode Island and an unspoiled barrier beach.

Our educators use these natural areas as their outdoor classrooms to help students understand the interdependency of humans and nature and to begin to encourage personal environmental stewardship.

Students can expect many “hands-on, minds-on” opportunities as they inquire, observe, assess, learn, and better understand the interactions of the living environment. Our programs can be customized to suit the age group involved and can be fundamental or complex depending on the curriculum needs of the teacher and the ages and interests of the students.

Frosty Drew Nature Center’s field studies are designed to be of interest to teachers and group leaders as a realistic means of supplementing a regular classroom curriculum with an active approach to nature in an environment that most organizations cannot duplicate and at a price that budget administrators find attractive.



FROSTY DREW NATURE CENTER

PO Box 160, 62 Park Lane
Charlestown, RI 02813

401-364-9508 • www.frostydrew.org

FROSTY DREW NATURE CENTER FIELD STUDIES

Estuary Adventures

The shore of Ninigret Pond and the coastal shrublands of the Ninigret National Wildlife Refuge that surround the salt pond are the setting for this field study.

Using a 40-foot seine net, our naturalist will gather specimens from the salt pond that will be transferred to a beach aquarium where students will discuss adaptation, predator/prey relationships, and survival strategies.

Students will also explore the unique coastal shrublands surrounding the salt pond and learn about their importance to the ecosystem.

Strong student participation is encouraged in this hands-on introduction to these habitats.

Treasure Hunting on the Barrier Beach

The Ninigret Conservation Area—the location of the barrier beach between the Atlantic Ocean and Ninigret Pond—is the setting for this field study.

Students will investigate the things that comprise the barrier beach landform. They will discuss how the barrier and the salt pond were created, the dynamics of the environment, and the importance of the barrier to the salt pond.

Comparisons will be made between the harsh seashore environment and that of the salt pond and between the animals and plants that live in each.

Using a 40-foot seine net our naturalist will gather specimens from Ninigret Pond, and students will discuss adaptation, predator/prey relationships, and survival strategies.

Strong student participation is encouraged in this hands-on introduction to these habitats.



Frosty Drew Nature Center offers field studies from May 1 through the end of the school year and from September 1 through October 31.

Field studies are approximately two hours in length and cost \$7 per student (minimum \$100). We may be able to assist you with busing. Financial aid is available. The fee is payable, in cash or by check, on the day of the program.

Reservations are required, and you will receive a written confirmation of your field study. If you need to cancel, please notify the Frosty Drew Nature Center as soon as possible. Please note that, if a confirmed program is cancelled within 48 hours of the program time, a \$100 penalty will be assessed unless that time slot can be filled.

RI GRADE SPAN EXPECTATIONS IN SCIENCE

An Estuarine Ecosystem

Pond Life—Gr. K-2: LS1—1a, 1b, 1c; LS2—5a, 6b; LS4—8a, 8b, 8c; **Gr. 3-4:** LS1—1a, 1b, 1c, 1d, 2a, 4a, 4b; LS2—5a, 6b, 6c; LS3—7a, 7b; **Gr. 5-6:** LS1—1a, 2a; LS2—5a; LS3—9a, 9b; **Gr. 7-8:** LS1—1a, 1b, 2a; LS2—5a, 5b; LS3—9a
Estuarine Ecosystem: Gr. K-2: LS1—1b, 2a, 4a; **Gr. 3-4:** LS1—1b, 2a, 4a, 4b; LS2—5a, 6c; LS3—7a, 7b; **Gr. 5-6:** LS1—1a, 2a; LS2—5a, 6b; LS3—9a, 9b; LS4—10a, 10b, 10c; **Gr. 7-8:** LS1—1a, 1b; LS2—5a, 5b, 5c, 6a; LS3—9a, 9e; LS4—10a, 10b

A Barrier Beach and Its Estuary

Barrier Beach: Gr. K-2: ESS1: 1a, 6a; LS1—4a; **Gr. 3-4:** ESS1—1d, 2a, 4a, 4c, 6a; LS1—4a, 4b; LS2—5a, 6c; LS3—7a, 7b; **Gr. 5-6:** ESS1—3a; LS1—2a; LS2—5a; LS3—9a, 9c; **Gr. 7-8:** ESS1—3a, 3b, 3c; LS1—1b; LS2—5a, 5b, 5c
Pond Life: Gr. K-2: LS1—1a, 1b, 1c; LS2—5a, 6b; LS4—8a, 8b, 8c; **Gr. 3-4:** LS1—1a, 1b, 1c, 1d, 2a, 4a, 4b; LS2—5a, 6b, 6c; LS3—7a, 7b; **Gr. 5-6:** LS1—1a, 2a; LS2—5a; LS3—9a, 9b; **Gr. 7-8:** LS1—1a, 1b, 2a; LS2—5a, 5b; LS3—9a
Seaside Plants: Gr. K-2: LS1—1a, 1b, 1c, 2a, 4a; LS2—5a; **Gr. 3-4:** LS1—1a, 1b, 2a, 4a, 4b; LS2—5a, 6c; LS3—7a, 7b; **Gr. 5-6:** LS1—1a, 2a; LS2—5a, 6a, 7a; LS3—9a, 9b; **Gr. 7-8:** LS1—1a, 1b, 2a; LS2—5a, 6a, 6c, 7c; LS3—9b, 9d, 9e