



**OPEN 7 DAYS A WEEK
9:00 A.M. - 4:00 P.M.**

The Environmental Education and Resiliency Center is a unique, hands-on learning center focused on environmental management and storm resiliency. The goal is to connect the community with the natural environment by providing outreach and educational programming.

The Center will also be used for storm response purposes. The Hempstead Lake Dam will be monitored from the center and the data tracked to assist in storm preparation and response.

Email 
HempsteadlakeEE@Parks.ny.gov

Phone 
(516) 766-1029

Address 
**Environmental Education and Resiliency
Center Hempstead Lake State Park, Field 1
880 Lake Drive, West Hempstead, NY
11552**

Website 
<https://parks.ny.gov/parks/hempsteadlake>

Hempstead Lake State Park offers school programs on a variety of subjects. Outlines and learning standards for programs can be provided upon request.

**Please email us at:
HempsteadlakeEE@parks.ny.gov
if you are interested in booking a
program.**

PRICING

Participants are \$4.00 per person. Teachers and chaperones are free.

Private Vehicle: \$8.00

*Bus permits must be mailed to NYS Parks headquarters in Babylon ten days before the program date.

Environmental Education and Resiliency Center

School Programs



**New York State
Parks, Recreation and
Historic Preservation**

Seasonal Nature Walk - All grades

You and your class will enjoy a leisurely walk through park trails to discover the changes taking place throughout the year.

- Available all seasons
- Can be tailored to specific New York State K-12 Science Learning Standards upon request

Intro to Plants - Grades K to 2

Students will go on a short nature walk and observe familiar plants in the park. We will discuss what a plant needs to grow, survive, and get nutrients, while also discovering the parts of a plant and what each part does.

- Available April-October
- K-LS1-1, K-ESS2-2, K-ESS3-1, K-ESS3-3, 1-LS3-1, 2-LS2-1, 2-LS2-2

Butterflies & Moths - Grades K to 3

Students will unlock the secrets of the insect life cycle and discover the unique characteristics of butterflies and moths. There will be an indoor presentation followed by outdoor activities.

- Available April-October
- K-LS1-1, K-ESS2-2, K-ESS3-1, 1-LS3-1, 2-LS2-2, 3-LS1-1, 3-LS3-2, 3-LS4- 2

Avian Adaptations - Grades 1 to 3

Learn how the physical features of a species are shaped by its environment during a discussion of bird adaptations. Using simple materials, students will be challenged to create a brand new bird species that must fit a particular habitat and diet.

- Available all seasons
- 1-LS1-1, 1-LS1-1, 2-PS1-2, 2-LS4-1, K-2-ETS1-2, 3-LS4-3, 3-LS3-2, 3-LS4-2

Tree Exploration - Grades 3 to 5

Through hands-on activities, students will learn about the structures of trees as well as develop identification skills. A short hike will follow to explore the forest of the park, where students can put their skills to the test.

- Available all seasons
- 3- LS4-3, 3-LS1-1, 3-LS3-2, 4-LS1-1, 5-PS1-3, 5-LS1-1, 5-LS2-1

Maple Syrup Science - Grades 5 to 12

Learn about the structures of trees before exploring the history of maple syrup and the biological factors which allow for the collection of sugar rich sap from maple trees.

- Available February and March
- 5-PS1-1, 5-PS3-1, MS-LS1-6, HS-LS1-5, HS-LS1-6, HS-LS2-3

School programs may feature outdoor activities. Please advise students to dress for the weather and to wear closed toe shoes.

All school programs are two hours in duration and are held from 10AM to 12PM unless otherwise requested.

The Center can host a maximum of 50 students per program reservation.

Please be advised that the Connect Kids to Parks Grant Funding is on hold for accepting applications as of 2024.

Sustainable Energy Solutions - Grades 4 to 12

Join us as we attempt to solve common problems with sustainable solutions on an individual and global level. We will discuss sources of pollution and discover how they may be combatted with environmental design and renewable energy technology. Students will leave the program with ideas on how to make more sustainable choices.

- Available all seasons
- 4- PS3-4, 4- ESS3-1, MS-LS2-5, MS-ESS3-3, MS-ESS3-4, HS. ESS2-2, HS-ESS3-1, HS-ESS3-2, HS-ESS3-3, HS-ESS3- 4, HS-ETS1-1, HS-ETS1-3

Storm Resiliency - Grades 6 to 12

Join us as we discover all the ways Hempstead Lake State Park is focusing on storm resiliency. We will tour the wetlands, discuss the ways we can protect our community from storm events, and discover how successful green infrastructure is. Students will have the opportunity to participate in demonstrations which utilize a watershed model.

- Available all seasons
- MS-LS2-5, MS-ESS2-2, MS-ESS2-5, MS-ESS3-1, MS-ESS3-2, MS-ESS3-3, MS-ESS3-5, HS. ESS2-2, HS. ESS2-4, HS-ESS2-5, HS-ESS3-1, HS-ESS3-4, HS-ESS3-5

Pond Ecology - Grades 6 to 12

Students will discover the underwater world of McDonald pond through hands-on sampling and field observations. Water chemistry and testing can be added for higher grades. This trip will run entirely outdoors.

- Available April-October
- MS-LS2-2, MS-LS2-5, MS-LS1-4, MS-LS1-5, HS-LS2-6 HS-ESS2-5, HS-ESS3-1, HS-LS2-7

Invasive Species - Grades 6 to 12

During a short hike by the lake, students will be shown invasive species which have made their way into the local environment. We will discuss how invasive species spread, learn about the harm they cause, and discover methods of management.

- Available April-October
- MS-LS2-5, MS-ESS3-3, HS-LS2-6, HS-LS2-7, HS-LS2-8, HS-LS4-2, HS-LS4-3, HS-LS4-4, HS-LS4-5

