

Programs for Pre-K through 6th Grade

Learning Wave Hill

2011-2012



Wave Hill • A public garden and cultural center
Bronx, NY • www.wavehill.org

Nature Studies at Wave Hill

Together with a Wave Hill educator, students explore Wave Hill's glorious grounds, gardens and woodlands. Outdoor exploration is followed by a hands-on activity that helps students make meaningful connections to the lesson. Programs are science-based. To learn how our Nature Studies follow NYS Learning Standards for Science, please go to www.wavehill.org/edu.

Time: 10–11:30am

Max. class size: 32 students

Fee: \$105



SPECIAL NEEDS CLASSES

Any of the Nature Studies offerings can be tailored to your special-needs students—with extra emphasis on song, movement and hands-on and experiential learning.

Max. class size: 15 students

Fee: Please call 718.549.3200 x237

SEEDS WE NEED

Using scientific observation, physical exploration and movement, students explore seeds and their role in the cycle of life. They discover the ways in which seeds adapt, survive and thrive. Students investigate the diversity found in seeds and then use them to create a mosaic.

Grades: Pre-K through 3

AVIAN ADVENTURES

The Hudson River is a major migratory route and home to many overwintering bird species. Students observe and identify birds in their habitat, and participate in interactive activities to help understand their varied roles within the ecosystem. As a culminating activity, students design and create their own bird.

Grades: Pre-K through 6

TREES ALIVE

Through observation and inquiry, students learn to identify trees and their parts, explore their lifecycles and adaptations, and develop an understanding of their importance to the ecosystem. As a culminating activity, students create an art project based on tree patterns they observe.

Grades: Pre-K through 6

WOODLAND ECOLOGY NEW

Students learn about ecology as they survey plant and animal life within a small transect of Wave Hill's Woodlands. Using their data, they create graphic representations to better understand and interpret their findings.

Grades: 3 through 6

A WALK FOR THE SENSES NEW

Students experience the natural world using the tools at hand—their senses. Beginning with a game that incorporates song and movement, the program moves through the garden to explore its sights, sounds, smells and textures.

This program is especially well suited to students with special needs.

Grades: Pre-K through 3

SELF-GUIDED NATURE WALK

Guide your class on an independent exploration of Wave Hill's gardens and grounds.

Pre-registration is required.

Fee: \$25 per class.



Historical Studies at Wave Hill

This new walk-and-talk program looks at Wave Hill in the larger context of the history of the area. To learn how this program corresponds to the NYS Learning Standards for Social Studies, please visit www.wavehill.org/edu.

Grades: 4 through 6

Time: 10–11:30am

Max. class size: 32 students

Fee: \$95



A WALK THROUGH TIME NEW

In 1965, Wave Hill was officially designated as a public garden and cultural center. Learn its rich history, beginning with the use of this area as a hunting and fishing ground by the Lenape peoples, then later as farmland cultivated by the Dutch. Wave Hill became a key part of the development of New York City in the 18th and 19th centuries, and eventually served as a millionaire's retreat in the 20th century. Through discussion, observation, primary source analysis and storytelling, students discover how Wave Hill came to be.

Interactive Plays at Your School

Bring Wave Hill to your school with a fun, interactive theater experience well suited to large groups of students. This program is available December through March.

Grades: Pre-K through 3

Length of Program: 1 hour

Max. group size: 300 students

Fee: \$150 for the first 100 students, \$50 for each additional 50 students

THE HUDSON RIVER FLOWS BOTH WAYS

A sassy saltwater fish, a gullible freshwater fish and a sneaky eel discover that the watery world they are accustomed to is about to become both salty and fresh. Students discover the interdependence of all living things in this lively production about the Hudson River and its ecology.

BETTY THE BEE SAVES THE HIVE

Help Betty, a newbie bee, save her precious hive after its most experienced forager goes missing. Students learn about hive life, the importance of pollination and how honey is made, and then do the waggle dance in this super-sweet, super-fun play.

TALE OF TWO TREES

Blow in the wind and reach for the sun as you watch the friendship between two young trees begin to flourish. Though one tree is deciduous and the other evergreen, the two discover that they have much in common. With tears, laughter and fun, students discover some of the ways trees adapt to the changing seasons.



Creative Arts

at Wave Hill

Glyndor Gallery at Wave Hill is home to a changing roster of art exhibitions that focus on a particular theme, typically nature-related. During this new program for school groups, students explore an exhibition, create their own inspired work of art and view the grounds for the source of the inspiration. To learn how these programs correspond to the NYS Blueprint for Teaching in the Arts, please visit www.wavehill.org/edu.

Grades: Pre-K through 6

Time: 10–11:30am

Max. class size: 32 students

Fee: \$105



BUZZ ABOUT BEES@

Hive Culture: Captivated by the Honeybee

Contemporary artists examine the intricate life of the honeybee and its role in nature through varied perspectives and media in the fall 2011 exhibition *Hive Culture: Captivated by the Honeybee*. Students go outdoors to see bees and learn about their role in pollination, then explore the artistic content of the exhibition and create their own bee-related project.

Dates: September 20–December 1

FLOWER MYSTERIES @

Rediscovering the Wild Garden

Wave Hill's signature Wild Garden—which features an ever-changing show with a “planted-by-nature” effect—serves as an inspiration for new works by seven artists in this exhibition.

Students explore the use of varied media, techniques and perspectives within the exhibit, and then create their own floral interpretation.

They view the Wild Garden to explore flowers up close.

Dates: April 10–June 22



Professional Development

Wave Hill's inquiry-based workshops provide educators with innovative and effective ways to connect the natural world to classroom learning, and provide multiple entry points for different types of learners.



FOR SCHOOL ADMINISTRATORS

Wave Hill staff work with you to create a program specifically tailored to your teachers. The following broad topics are available, and all can incorporate cross-curricular elements. The format can be half-day or full-day, at Wave Hill or at your site.

- **Soil studies**
- **Local birds**
- **Tree studies**
- **Flowers and pollination**
- **Making art and science connections**

For more information, please call 718.549.3200 x237

FOR EDUCATORS

THE OUTDOOR CLASSROOM

Our way of welcoming you to Wave Hill, free of charge! Learn ways to use the grounds of Wave Hill as an extension of classroom learning. Explore strategies for environmental education to develop realistic and effective practices for teaching science and other curricular areas.

Dates: TUE, November 8, 10am–Noon or THU, April 12, 3:30–5:30pm

Fee: FREE, pre-registration required

CONNECTING NATURE AND ART: A MoMA and Wave Hill Collaborative Program for Teachers

Join educators from the Museum of Modern Art and Wave Hill for two, half-day workshops that explore the rich connections between nature and art. Through up-close observation and hands-on activities, teachers investigate how nature has influenced and inspired artists, exploring the similarities between different inquiry-based approaches to creating art and interpreting natural phenomena.

Dates: SAT, November 12, 10am–1pm at Wave Hill; SAT, November 19, 9am–2pm at MoMA

Fee: \$120, includes refreshments on November 19

LISTENING AND SEEING: Nature, Childhood and the Senses of our Imagining

Richard Lewis, Founder and Director of The Touchstone Center for Children, leads this afternoon workshop focusing on the sensory qualities of listening and seeing, exploring how educators can deepen these experiences through writing and art.

Date: SAT, October 29, 2–4 pm

Fee: \$35

A SEED, A LEAF, A PEBBLE: Explorations of Worlds within Worlds

Richard Lewis leads this afternoon workshop exploring the ways educators can tap into children's fascination with things small and secretive. Through discussion, reflection and art activities, this program focuses on the imaginative realms of thought and expression.

Date: SAT, May 19, 2–4pm

Fee: \$35

INSIDE AND OUTSIDE: Childhood, the Natural World and the Play of Imagining

This course is available for 1 graduate credit through the City College of New York.

Richard Lewis leads four, two-and-a-half-hour sessions indoors at CCNY, culminating in one, full-day session held outdoors at Wave Hill. The course looks at the role and use of imagination as a means of discovering, understanding and experiencing nature. Each session, new discoveries and insights help participants deepen their own teaching and learning.

To register, call 718.549.3200 x237.

For credit option, contact Wave Hill and then also CCNY, at bfalk@ccny.cuny.edu or 212.650.5182

Dates: WEDS, March 7*, March 21, April 4, April 18; 4:50–7:20 pm at CCNY, Harris Hall, Rm 10 and MON, May 7, 9:30am–3:30pm at Wave Hill

Fees: \$150 for non-credit option; \$325 for credit, plus non-matriculation fee of \$125 for those not enrolled at CCNY

*Note new date

Registration for Programs

HOW TO REGISTER

Classes are not officially booked until payment is received.

Online: Visit www.wavehill.org/edu.

By telephone: Please call 718.549.3200 x237 to book your reservation.

CLASS SIZE All school programs are booked on a per-class basis. **Classes cannot be combined.** There is a maximum of 32 students per class. Special Education classes are limited to 15 students.

CHAPERONES Fees include one adult chaperone per five students for Pre-K and special-needs classes, and one adult chaperone per 10 students for Grades K and up. Additional adults will be charged admission to the grounds (\$8).

PREPARATION Please come dressed in comfortable clothing appropriate for outdoor activities. Long pants and closed shoes are highly recommended.

CANCELLATION POLICY All programs take place rain or shine. In the event of particularly inclement weather or unsafe conditions we will cancel the program. In that case, we will make every attempt to reschedule your visit.

Cancellations made at least four weeks in advance will receive a full refund. After that time, no refunds will be given.

LUNCH If you wish to eat on the grounds, please bring your own bagged lunches. Eating is permitted *only* in the designated picnic area behind Glyndor Gallery.

BUS DIRECTIONS AND PARKING

For driving directions, please visit www.wavehill.org/visit/directions.html. Please note that buses cannot enter the grounds. Passengers should be let off at Independence Avenue and W. 249th Street. Buses may park on W. 249th Street.



About Wave Hill



Often called one of the greatest living works of art, Wave Hill is a public garden and cultural center located on 28 acres in the Riverdale section of the Bronx, overlooking the Hudson River and the Palisades. Through its renowned gardens and programs in horticulture, education and the visual, performing and literary arts, Wave Hill fulfills its mission to explore human connections to the natural world. Among the longstanding signature programs Wave Hill offers for young adults and families are a summer internship and a drop-in art project offered each weekend:

FOREST PROJECT SUMMER COLLABORATIVE

The Forest Project Summer Collaborative is a paid internship program that empowers teens as citizens of an urban environment. Throughout the six-week program, crews work together to restore areas of Wave Hill's woodlands, and earn college credit at CUNY's Lehman College. Participation in this program is highly competitive.

FAMILY ART PROJECT

The Family Art Project, offered Saturday and Sunday mornings year-round, is free with admission to the grounds. Families create nature-based projects inspired by contemporary artists and craft traditions from around the world.

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