

# NYBG

SCHOOL & TEACHER PROGRAMS  
2023/2024

NEW YORK BOTANICAL GARDEN





Welcome!

Through inquiry-based investigations of the natural world, learners construct understandings of plants, their cultural uses, and overall importance to life on Earth.

Participants in Children's Education programs:

- Explore real-world phenomena
- Think like scientists
- Learn through discussions
- Engage in environments that connect to lived experiences, cultural identities, and sense of well being



## CHILDREN'S EDUCATION PROGRAMS AT THE GARDEN TAKE PLACE IN THE FOLLOWING LOCATIONS:



### Edible Academy

- Gardening Workshops: The Louise and Henry Loeb School for Children's Gardening
- Multivisit Gardening Program



### Everett Children's Adventure Garden

- Plant and Nature Explorations



### GreenSchool in the Enid A. Haupt Conservatory and among the Garden Grounds Collections

- Plant Science Workshops
- Interactive Indoor Conservatory Tours
- Outdoor Nature Walks



### Throughout NYBG: Professional Learning for Teachers

- Multisession Institutes
- Customized Workshops

## Programs at a Glance by Grade

PROGRAM	p-K	K	1st	2nd	3rd	4th	5th	6th	7th	8th	SEASON
Gardening Workshops (p. 5)											🌱 ☀️ 🍂 ❄️
Multivisit Gardening Program (p. 7)											🌱 ☀️ 🍂
Pumpkins (p. 9)											🍂
Evergreen Hike (p. 9)											Holiday
Plant Parts We Eat (p. 11)											🌱 🍂
Life in the Rain Forest (p. 11) 🌿											🌱 ☀️ 🍂
Amazing Plant Adaptations (p. 11) 🌿											🌱 ☀️ 🍂
Patterns of Plants (pp. 11 & 17)											Holiday
The Water Cycle (p. 11) 🌊											☀️ 🍂
Flowers in the Life Cycle (p. 11)											☀️ 🍂
Wonderland: Curious Nature: Observe and Create (p. 11)											🍂
Interactive Conservatory Tours (p. 13) 🌿											🌱 ☀️ 🍂
Gardens & Works by Ebony G. Patterson Tour (p. 13)											🍂
The Orchid Show Tour (p. 13)											☀️ 🍂
Patterns of Plants Tour (p. 13)											Holiday
Wonderland: Curious Nature Tour (p. 13)											🍂
Sensory Walk (p. 15)											🌱 🍂
Wonderland: Curious Nature in the Rose Garden (p. 15)											🍂
Native Plant Champions Walk (p. 15) 🌿											🌱 🍂
Rock Garden Walk (p. 15)											🍂
Forest Walks (p. 15) 🌿											🌱 🍂
Holiday Train Show® (p. 17)											Holiday
Holiday Combination (p. 17)											Holiday

Key:



Builds  
Climate Literacy



Spring



Summer



Fall



Winter

### Classes with Special Needs

We are able to tailor our programs to accommodate classes with special needs. Self-contained classes are eligible for a reduced program rate. Please share information about any special needs when registering. See p. 22 for details.

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## Be a Gardener

In the Ruth Rea Howell Vegetable Garden at the Edible Academy students become gardeners as they engage in activities for growing healthful food outdoors and in a state-of-the-art greenhouse. Students build interdisciplinary connections while experiencing the excitement of hands-on gardening throughout the seasons!



## HANDS-ON GARDENING WORKSHOPS: THE LOUISE AND HENRY LOEB SCHOOL FOR CHILDREN'S GARDENING at the Edible Academy

### Grades Pre-K–8

**Fall:** October 3–27

**Winter:** January 9–February 23

**Spring:** April 2–June 7

**Summer:** July 10–August 16

**Times:** 10–11:15 a.m. or 11:30 a.m.–12:45 p.m.

**Cost:** \$165 per class

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### Fall, Spring, Summer | How Does Your Garden Grow?

Explore soil, plant seeds or seedlings, and water the garden to discover ways plants grow and change seasonally. Search for plant parts we eat in the garden and pot up an edible plant to grow at home.

### Winter | How Does Your Garden Grow?

Explore the garden in winter. Discover ways plants grow and change during cold months in a greenhouse. Pot up indoor plants to grow at home.

### Winter | Learning with Winter Crops

Explore how gardeners prepare in the garden and in the kitchen for the winter season. Taste winter season vegetables and take home your own vegetable plant to observe and enjoy.

### Winter | Foodways: Crops of the African American Diaspora

Explore the cultural narrative of people—and the food they grow and eat now and through history. Learn about the living and preserved garden of the Black American diaspora through hands-on activities and an introduction to culinary traditions.

### Winter | Math in the Garden (Grades 3–5)

Explore the Edible Academy as a site to spark student curiosity with mathematics applications, from planning a garden plot to crafting a recipe.

### High School Offerings

Visit the Edible Academy to practice organic gardening methods and explore foodways. Consider the implications and applications of the lessons learned at NYBG for your neighborhood. If you are a student or high school teacher, contact our Registration Office to learn more.





## HANDS-ON MULTIVISIT GARDENING PROGRAM at the Edible Academy

### Grades Pre-K–5

Groups meet four times over the school year to dig deeper into the topics below. Each session builds on the previous, and The Edible Academy educators share post-session activities with teachers that support student learning between sessions.

**Times:** 10–11:15 a.m. or 11:30 a.m.–12:45 p.m.

**Cost:** \$660 (4 Visits)

Register by September 30 by calling our Registration Office at 718.817.8181.

**Session 1:** October 10–November 10

**Session 2:** November 14–December 22

**Session 3:** March 12–April 19

**Session 4:** April 30–June 7

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### Garden Cycles (Pre-K–K) 🌱

Learn about plant life cycles and seasonal change through hands-on gardening and direct observation in the Edible Academy's dynamic landscape. Explore how gardeners prepare and grow throughout the year.

### Seeds to Fruits (Grade 1)

Through hands-on exploration of the Edible Academy's vegetable garden, deepen understandings of plant parts, needs and functions for the food we grow and eat.

### Our Garden Community (Grade 2)

Explore the connections between the food plants we grow and eat with our larger garden community of gardeners, pollinators, decomposers, and plants. Deepen understandings of the characters, places and relationships that compose a community through hands-on exploration and investigation.

### Seed Stories and History (Grade 3)

Through a hands-on exploration of the Edible Academy vegetable garden, explore the history and movement of food crops through the lenses of geography, botany, and culture.

### Native Plants and Peoples (Grade 4) 🌱

Using place-based exploration of the Edible Academy site and the larger New York Botanical Garden, build understandings about the environmental knowledge of Indigenous peoples past and present. Investigate native plants and Three Sisters gardening.

### Grow Green (Grade 5) 🌱

Discover the sustainable features of the Edible Academy. Explore ideas about renewable energy technologies, water conservation, composting, and urban gardening.

To register: [nybg.org/schools-teachers](http://nybg.org/schools-teachers) or 718.817.8181



## Be a Nature Explorer

In the Everett Children's Adventure Garden, students become nature explorers as they investigate how plant and animal life they find within a dynamic environment responds to the seasons.

*The Children's Garden closes for renovation  
Winter 2023–Spring 2025.*



## HANDS-ON PLANT AND NATURE EXPLORATIONS at the Everett Children's Adventure Garden

### Grades Pre-K-5

**Fall:** October 3–October 31

**Holiday:** November 28–January 12

**Times:** 10–11:15 a.m. or 11:45–1 p.m. (Fall)

10–10:30 a.m. or 10:45–11:15 a.m.

or 11:45 a.m.–12:15 p.m. or 12:30–1 p.m. (Holiday)

**Cost:** \$165

### GRADES PRE-K-5

#### Pumpkins

*Fall*

Investigate gourds and giant pumpkins to develop understandings about fruit diversity and the pumpkin life cycle. Conduct seed germination experiments to grow at home.

### GRADES PRE-K-5

#### Evergreen Hike

*Holiday Combination Only*

Hike the winter landscape and observe evergreen trees and shrubs to construct understandings about how they survive. Take home a fir sachet to keep or give as a gift.





## Be a World Explorer

At the GreenSchool in the Enid A. Haupt Conservatory, students become world explorers as they engage in plant investigations inside glass-enclosed rain forests and deserts and discuss their findings with peers in a classroom. By observing and collecting information within diverse habitats, students build connections among life systems that help plants grow successfully.



## HANDS-ON PLANT SCIENCE WORKSHOPS at the GreenSchool in the Enid A. Haupt Conservatory

### Grades K–8

**Fall:** October 3–November 17

**Holiday:** November 28–January 12

**Winter:** January 16–March 15

**Spring:** March 26–June 7

**Times:** 10–11:15 a.m. or 11:45 a.m.–1 p.m.

**Cost:** \$165 per class

### GRADES K–2

#### Plant Parts We Eat

*Fall & Spring*

Find and compare plant parts to develop understandings about their roles in helping plants survive and grow. Pot up edible plants to grow at home.

### GRADES K–5

#### Life in the Rain Forest 🌿

Experience the layers and compare the climatic and vegetative elements between two rain forests. Consider diversity and adaptations and discover plants used for food and medicine. Pot up rain forest plants to grow at home.

### GRADES 2–8

#### Amazing Plant Adaptations 🌿

Compare habitat features among rain forests, deserts, and a carnivorous bog. Find traits that allow plants to survive. Pot up plants to grow at home.

#### Flowers in the Life Cycle

*Winter & Spring*

Experience diverse environments that allow plants to grow successfully. Dissect specimens to understand the roles of flowers, fruit, and seeds to reproduction. Pot up experiments to grow at home.

### Patterns of Plants

*Holiday*

Find and compare shape, symmetry, and series in plants and formulate ideas about ways structure relates to function. Create mandalas, an arrangement of plant parts designed in a circle using geometry.

### The Water Cycle 🌊

*Winter & Spring*

Find and compare elements of air, water, and terrain of the world's biomes and develop understandings about the role of plants in the water cycle. Build terrariums to take home.

### GRADES K–8

#### Wonderland: Curious Nature: Observe and Create

*Begins May 21*

Explore a garden evocative of Wonderland to discover weird and wild plant forms plucked from the pages of *Alice's Adventures in Wonderland*. Create art inspired by personal whimsical adventures and observations.



## Be a Plant Hunter

During the Enid A. Haupt Conservatory Tours, students become plant hunters as they engage in plant investigations inside the glass-enclosed rain forests and deserts. By observing and collecting information about diverse habitats, students build connections among life systems that help plants grow and experience the excitement of plant hunting.



## INDOOR TOURS IN THE ENID A. HAUPT CONSERVATORY

### Interactive GreenSchool Guided and Self-Guided Tours

**Grades Pre-K–8** (*Grades 6–8 must register for guided indoor programs.*)

#### Indoor Guided

**Fall:** October 3–November 17

**Holiday:** November 28–January 12

**Winter:** January 16–March 15

**Spring:** March 26–June 7

**Times:** 10:15–11:15 a.m.

or 11:45 a.m.–12:45 p.m.

**Cost:** \$130 per class

#### Indoor Self-Guided

**Fall:** September 27–November 17

**Winter and Spring:** January 16–June 23

**Times:** 10 a.m.–2 p.m.

**Cost:** \$65 per class

### Interactive Guided Conservatory Tours\*

#### GRADES PRE-K–2

##### Around the World of Plants 🌍

Observe and compare plants, weather, and seasons among rain forests, deserts, and a bog. Use field journals to record discoveries.

#### GRADES 3–5

##### Ecosystems of the World 🌍

Explore and compare rain forests, deserts, and a bog to find characteristics and features that help organisms survive in these environments. Use field journals to record your findings.

#### GRADES 6–8

##### Climate and Biodiversity 🌍

Explore the diversity of species that survive and grow in rain forests, deserts, and a bog. Use field journals as a tool for conservation.

#### GRADES 2–8

##### Patterns of Plants Tour

*Holiday Combination Only*

Find and compare shape, symmetry, and series in plants and formulate ideas about their arrangements in the structures found in the *Holiday Train Show*®.

#### GRADES K–8

##### THE ORCHID SHOW

*February to April*

Explore the naturalistic and cultivated displays of orchids to understand where and how orchids grow and reproduce successfully around the world.

#### GRADES K–8

##### EBONY G. PATTERSON

*...things come to thrive...*

*in the shedding...in the molting...*

##### Challenge How You See Tour

*Until October 20*

Explore the gardens and art of Patterson to unearth the secrets and truth that lie underground! Discover natural processes such as life cycles and decomposition that reveal them.

##### Wonderland: Curious Nature Tour

*Begins May 21*

Explore a garden evocative of *Wonderland* to discover weird and wild plant forms plucked from the pages of *Alice's Adventures in Wonderland*. Journal personal whimsical adventures and observations.

\*Grade themes for Interactive Guided Conservatory Tours attend to the NYC Scope and Sequence Excellence in Environmental Education Guidelines for Learning.



## Be a Naturalist

Students become naturalists as they investigate special collections throughout the Garden's 250 acres. From the Thain Family Forest to the Native Plant Garden and across the Garden grounds, students observe and collect information to construct ideas about ecology with their peers, and build multicurricular connections to the plant world.



## OUTDOOR NATURE WALKS

### Interactive GreenSchool Guided and Self-Guided Nature Walks Grades Pre-K–8

#### Outdoor Guided

**Fall:** October 3–November 17

**Spring:** March 26–June 7

**Times:** 10:15–11:15 a.m.

or 11:45 a.m.–12:45 p.m.

**Cost:** \$130 per class

#### Outdoor Self-Guided

**(Online Registration Only)**

**Fall:** October 3–November 17

**Winter:** November 29–March 17

**Spring:** March 26–June 7

**Times:** All Day

**Cost:** \$50 (Free for New York schools)

### GRADES PRE-K–5

#### Sensory Walk

*Fall & Spring*

Engage all senses to deepen plant awareness through observation. Build understandings about how plants grow and survive.

#### 50-Acre Thain Family Forest Walks\*

#### GRADES PRE-K–2

##### A Walk in the Forest 🌳

Observe and compare a deciduous forest across the seasons. Discover the trees, animals, and insects who make their home there.

#### GRADES 3–5

##### Forest Ecosystem of the Lënapehòkink 🌳

Hike through native forest trails to discover habitat features that once supported the lives of the Lenape people and the plants, birds, and animals that survive today.

#### GRADES 6–8

##### A Forest in the Bronx 🌳

Explore the diversity of a native forest and discover the challenges of plant survival in an urban environment. Use field journals as a tool for conservation.

#### GRADES 2–8

##### Native Plant Champions Walk 🌳

*Fall & Spring*

Explore a woodland, wetland, and meadow to build understandings about the role of native plants in ecosystems and conservation action.

#### Rock Garden Walk

*Spring*

Explore and find the basic conditions necessary to support the growing needs of rock and alpine plant.

#### *Wonderland: Curious Nature in the Peggy Rockefeller Rose Garden*

*Begins May 21*

Explore the Rose Garden to discover weird and wild roses evocative of the whimsy of the pages of *Alice's Adventures in Wonderland*. Discover your favorite rose by color, shape, and fragrance.

\*Grade themes for Interactive Outdoor Walks attend to the NYC Scope and Sequence Excellence in Environmental Education Guidelines for Learning.



## Celebrate the Holiday Season

Students experience the magical landscapes and model trains of the *Holiday Train Show*® or in combination with an enjoyable winter botanical workshop outdoors in the Ross Conifer Arboretum or GreenSchool.



## HOLIDAY PROGRAMS

**Holiday: November 28, 2023–January 12, 2024**

### **GRADES PRE-K–8**

#### ***Holiday Train Show*®**

*Begins November 28*

**Location:** Conservatory Plaza

**Times:** All Day

**Cost:** \$140 per class

During this self-guided visit, experience the model trains and trolleys as they move through magical landscapes of historic New York State buildings made primarily from botanical materials.

### **GRADES 2–8**

#### **HOLIDAY COMBINATION:**

#### ***Holiday Train Show*®**

#### **and Patterns of Plants**

**Location:** Conservatory Plaza

**Cost:** \$250 per class

Experience both *Holiday Train Show*® and the complementary Patterns of Plants workshop (p. 11) or tour (p. 13) at the GreenSchool in the Enid A. Haupt Conservatory.

### **GRADES PRE-K–5**

#### **HOLIDAY COMBINATION:**

#### ***Holiday Train Show*®**

#### **and Evergreen Hike**

**Location:** Ross Conifer Arboretum and Conservatory Plaza

**Cost:** \$200 per class

Experience both *Holiday Train Show*® and the complementary Evergreen Hike (p. 9) hike through the Ross Conifer Arboretum.





## Engage in Continuous Learning

Teachers seeking professional learning experience the beautiful collections of the Garden during multisession institutes or customized workshops. Engage in hands-on, inquiry-based field and classroom practices and gain confidence in helping students construct understandings about ecology, plant science, or practical gardening.



## PROFESSIONAL LEARNING FOR TEACHERS

### Multisession Institutes

Fees include entry into the Garden, parking and all supplies and materials. For more information, visit [nybg.org/teachers](https://nybg.org/teachers), e-mail [teachered@nybg.org](mailto:teachered@nybg.org), or call 718.817.8140.

### School Gardening 101— Creating a Garden

Dates: Monday, February 19–Friday,  
February 23, 2024

Cost: \$200

*Eligible for 30 CTLE hours and/or 2 P-credits\**

Advocate for, plan, create, or revive a school garden or indoor planting system. Hone skills for designing, budgeting, and incorporating the garden across the curriculum, utilizing the resources of the school community.

### Ethnobotany for Educators: Exploring Plants Through Cultural Connections

Dates: Monday, April 22–Saturday,  
April 27, 2024

Cost: \$250

*Eligible for 45 CTLE hours and/or 3 P-credits\**

The relationship between people and plants have shaped foodways for thousands of years. Examine human and plant connections at the intersection of history, food, and culture.

### Seedlings Institute: Nature and Science for Early Childhood and Elementary Educators

Dates: Monday, July 15–Saturday,  
July 20, 2024

Cost: \$250

*Eligible for 45 CTLE hours and/or 3 P-credits\**

Learn how to use plants and nature to engage children in science across the curriculum, with connections to literacy, math, and art. Explore the unique resources available at NYBG.

### The Art of Science

Dates: Thursday, July 25 and Friday,  
July 26, 2024

Cost: \$100

*Eligible for 15 CTLE hours and/or 1 P-credits\**

Discover ways to help students experience the wonder of the outdoors through both art and science. Hone observational skills and ask questions using the backdrop of the garden grounds and the exhibition as inspiration.

### Plant, Learn & Grow: School Gardening 201

Dates: Monday, August 19–Saturday,  
August 24, 2024

Cost: \$250

*Eligible for 45 CTLE hours and/or 3 P-credits\**

Whether your school garden is plants on your windowsill or in the schoolyard, participate in hands-on gardening methods to build your background knowledge. Topics include pest management, soil quality monitoring, pollinator interactions and more!

### Increasing Representation in the Natural World (Online)

Dates: Saturday, April 13–Saturday, May  
11, 2024

Cost: \$100

Eligible for 30 CTLE hours and/or 2  
P-credits\*

Use curated readings and research to highlight disproportionate access to nature, reflect on personal experiences, and plan for equitable learning opportunities in the classroom.

\*P or A\* credits include additional fees and requirements.  
More information is available at [pci.nycenet.edu/aspdp/account/login](https://pci.nycenet.edu/aspdp/account/login)



## Bring the Garden to Your Classroom

Introduce students to the richness of the Garden's plant collections without leaving the classroom. From virtual explorations of the Enid A. Haupt Conservatory to pre- and post-visit activities ideas, teachers can access practical resources to engage students.



## SCHOOL & TEACHER RESOURCES

### Customized Workshops

Looking for professional learning opportunities on Election Day, Chancellor's Day, or a day of your choosing? Collaborate with expert Garden educators to plan a half-, full-, or multi-session workshop onsite or online that is tailored to meet your needs.

Each experience provides CTLE hours (Continuing Teacher and Leader Education) and attends to current New York State standards. E-mail [teachered@nybg.org](mailto:teachered@nybg.org) or call 718.817.8140 to arrange a workshop.

### Suggested workshop topics:

- Connecting to the outdoors and each other
- Nature for early learners
- Art and science in your school community
- An introduction to school gardening

**Cost:** Half-day (9 a.m.–12 p.m.): \$35 per teacher/Full-day Workshop (9 a.m.–3 p.m.): \$65 per teacher (Minimum 8 teachers required)

## ONLINE RESOURCES

### Teacher Guides and Student Activity Packets to Download

Effective Garden field trips begin with careful planning and preparation. To help ensure your self-guided class visit is an active learning experience, please download a Teacher Guide and Student Field Journals prior to your class trip.

Teacher Guides include:

- Color Me Autumn
- Into the Woods
- Flower Mystery
- Forest Forays
- Nature Scavenger Hunt
- Mitsubishi Wild Wetland Trail
- Bronx River Walk
- Westchester Native American Trail Walk
- Special Exhibitions

Learn more at [nybg.org/activity-guides](https://nybg.org/activity-guides)

### Pre- and Post-Visit Activities Sheets

Supplement Garden visits with suggested pre- and post-visit activities sheets that can be downloaded at [nybg.org/activity-guides](https://nybg.org/activity-guides)

### School Gardening 101

Find lesson plans, videos, and tip sheets that will help you maximize learning opportunities. Learn more at [nybg.org/school-101](https://nybg.org/school-101)

### Teacher Membership

Become a Member at the Teacher level for only \$86 a year, and enjoy all the benefits of Membership. Call 718.817.8703 for details.



## REGISTRATION AND VISIT INFORMATION

### Registration and Payment

- To register: [nybg.org/schools-teachers](http://nybg.org/schools-teachers) or 718.817.8181
- Advance registration and payment are required for all programs.
- An invoice will be e-mailed to the registering teacher detailing visit schedule and payment.
- Payment and/or purchase order copy is due two weeks after registration is received.
- The scheduled visit is not confirmed until payment is received.
- Payment may be made by purchase order, check, money order, or credit card (Mastercard/VISA/AMEX/Discover). New York City Department of Education Vendor Code NEW095000. Please note that you are responsible for forwarding purchase order information to your district.

### Class Size and Special Needs

- All guided workshops and programs require one NYBG educator **per class**. In order for students to have the best learning experience, **combining more than one class per educator is not allowed**. Our class sizes are as follows:
  - Pre-Kindergarten: 18 students max., 1 adult per 5 students
  - Kindergarten: 25 students max., 1 adult per 7 students
  - Grades 1–8: 32 students max., 1 adult per 7 students
  - Self-Contained Pre-K–8: 15 students max., 1 adult per 2 studentsThe numbers of classes that can be accommodated vary by program. Please contact the registration office for details on bringing multiple classes: 718.817.8181.
- **Classes with 15 or fewer students are accommodated at a lower fee.**
- Please share information with us about any special considerations that will help ensure a successful field trip experience.

### Mail checks and money orders, payable to The New York Botanical Garden, to:

The New York Botanical Garden School Programs  
2900 Southern Boulevard, Room M295  
Bronx, NY 10458-5153  
For payment questions: 718.817.8743  
Fax: 718.220.6504 • E-mail: [childed@nybg.org](mailto:childed@nybg.org)

### Changes and Cancellations

If you make a scheduling change, we will attempt to reschedule your visit within the school year. After the first scheduling change, a \$15 processing fee will be charged for each additional change. Cancellations made at least 4 weeks in advance will receive a full refund. Cancellations made 2–4 weeks in advance will be refunded 50%. For cancellations made two weeks or less before a program, there are no refunds.

### Before Arrival

You will be e-mailed Trip Confirmation materials that include a map with specific entrance and exit procedures for the school group entrance, the Everett Garden Gate. If your group is traveling on more than one bus, please make sure that a teacher on each bus receives this information.

- Please consult these materials before arrival.

### Teacher Pre-Trip Planning Voucher

A Teacher Pre-Trip Planning Voucher will be included in the registering teacher's confirmation e-mail. All registered classroom teachers may use this voucher for free entry with a guest to make the most of their experience at the Garden by visiting our one-of-a-kind facilities before bringing their students.

### Arrival

Please arrive 15 minutes early to check in and get to your specific program location. All school buses should stop at the Garden's school group entrance, the Everett Garden Gate, located on Southern Boulevard across from Fordham University. From there, based on program registration, they will be directed to either disembark or proceed to a different location. Bus parking is not available within the Garden. However, there is street parking along Southern Boulevard. All programs will end at the originally scheduled time. Groups arriving more than one-half hour late will be cancelled. No refunds are available. School groups are not permitted to board the Tram.

### Chaperones

In order to provide the best possible program, we cannot accommodate more than the required chaperones in our classes. A maximum of ten adults can join the class during the workshop or tour. Adult chaperones over the suggested ratio are welcome to freely explore the Garden grounds while the program is in session and then rejoin the students when the program ends. A useful Chaperone Guide will be included in your Trip Confirmation e-mail.

### Inclement Weather

Programs run rain or shine. Please have students dress appropriately for the weather. If you choose to reschedule, please call by 8:30 a.m.: 718.817.8181.

### Accessibility

The Botanical Garden, its buildings, and its tour vehicles are accessible. Due to the Garden's varied topography, portions of the historic landscape may be inaccessible. Please notify the Registration office of any special needs at least 48 hours in advance of your visit.

### Lunch

School groups are invited to eat in the Clay Family Picnic Pavilions located near the Everett Garden Gate. There are no indoor lunch facilities. Groups are not allowed in the Garden dining facilities to eat or purchase food.

To register: [nybg.org/schools-teachers](http://nybg.org/schools-teachers) or 718.817.8181



## TRANSPORTATION AND DIRECTIONS

### School Bus

In Google Maps use the “Everett Garden Gate” location for directions. For detailed directions, visit [nybg.org/visit/directions](http://nybg.org/visit/directions)

- All school buses should stop at the Garden's school group entrance, Everett Garden Gate, located on Southern Boulevard across from Fordham University. From there, based on programs registration, they will be directed to either disembark or proceed to a different location. Please remain on your bus until directed to disembark. Bus parking is not available within the Garden. However, there is street parking along Southern Boulevard.

### Schools Within Walking Distance

Schools within walking distance of the Garden may enter the closest entry point by foot and check in with staff at a ticket window for further instructions. Entry points include:

- **Everett Garden Gate** (School Group Entry Point): Located on Southern Boulevard. In Google Maps use the “Everett Garden Gate” location for directions.
- **East Gate:** Located at the corner of Waring Avenue and Bronx Park East, this entry point is conveniently located within close proximity to the Edible Academy. In Google Maps use the “East Gate” location.
- **Main Entrance:** Located at 2900 Southern Boulevard
- **Mosholu Entrance:** Located at 2950 Southern Boulevard between Mosholu Parkway and Bedford Park Boulevard

### Public Transportation

For detailed directions, call 718.817.8779.

#### By Metro-North Railroad

Take the Metro-North Harlem local line to Botanical Garden Station. Walk across Southern Boulevard to the Garden's Mosholu Entrance. Just 20 minutes from Grand Central Terminal in Manhattan! Also convenient from other locations.

#### By Subway

Take the B, D, or 4 train to Bedford Park Blvd. Station. From the station exit:

- Take the Bx26 bus east to the Garden's Mosholu Entrance.
- OR walk eight blocks down the hill on Bedford Park Blvd. (approximately 20 minutes). Turn left onto Southern Blvd. and walk one block to the Mosholu Entrance.

Take the 2 train to Allerton Avenue Station. From the station exit:

- Walk three blocks west on Allerton Ave. Turn left on Bronx Park East and walk two blocks to Waring Ave. At the park entrance, walk up the small hill leading to the Garden's East Gate. In Google Maps use the “East Gate” location.

#### By Bronx Bus

- Take the Bx19 to Southern Boulevard and Botanical Garden
- Take the Bx9, Bx12, Bx12-SBS, or Bx22 to Southern Boulevard and East Fordham Road
- Take the Bx26 to Southern Boulevard and Bedford Park Boulevard

For schedules and maps, visit the MTA website at [mta.info](http://mta.info)

## CHILDREN'S EDUCATION AND NEXT GENERATION SCIENCE STANDARDS

The development of the Next Generation Science Standards (NGSS) follows the movement to adopt nationwide English language arts and mathematics Common Core learning standards. In 2012 the National Research Council (NRC) published *A Framework for K–12 Science Education* that included the 21st-century skills needed by students to prepare them for college and careers. The *Framework*—validated by science researchers, educators, and cognitive scientists—became the basis for the development of the NGSS.

The NGSS has pushed the science education community further toward engaging students in practices used by scientists and engineers, and using the “big ideas” of science to actively learn about the natural world. With this understanding, Children's Education programs are designed to teach science as a process of phenomena-based inquiry and explanation that helps students to form a deeper understanding of science concepts and better recognize how science applies to everyday life.

Read more about the Next Generation Science Standards at [nextgenscience.org](http://nextgenscience.org) and [ngss.nsta.org](http://ngss.nsta.org)





## ACKNOWLEDGMENTS

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**NYC Cultural Affairs** The New York Botanical Garden is located on property owned in full by the City of New York, and its operation is made possible in part by public funds provided through the New York City Department of Cultural Affairs. A portion of the Garden's general operating funds is provided by The New York City Council and The New York State Office of Parks, Recreation and Historic Preservation. The Bronx Borough President and Bronx elected representatives in the City Council and State Legislature provide leadership funding.







## NYBG School Group Map

**🍴 Lunch at Clay Family Picnic Pavilions:** All school groups must bring lunches. School groups are invited to eat in the outdoor Clay Family Picnic Pavilions located near the Everett Garden Gate. There are no indoor lunch facilities.

- |   |  |
|---|--|
| <p><b>1 Enid A. Haupt Conservatory (.47 of a mile)</b></p> <ul style="list-style-type: none"> <li>Plant Science Workshops</li> <li>Indoor Tours in the GreenSchool</li> </ul> | <p><b>3 Everett Children's Adventure Garden (340 ft)</b></p> <ul style="list-style-type: none"> <li>Nature Explorations</li> </ul> |
| <p><b>2 Reflecting Pool (.32 of a mile)</b></p> <ul style="list-style-type: none"> <li>Outdoor Nature Walks</li> </ul>  | <p><b>4 Edible Academy (.47 of a mile)</b></p> <ul style="list-style-type: none"> <li>Gardening Workshops</li> </ul>               |

Estimated walking distance from School Group Check-In Booth



New York Botanical Garden  
Children's Education  
2900 Southern Boulevard  
Bronx, New York 10458-5126  
[nybg.org](http://nybg.org)

