



BARTRAM'S GARDEN

SPRING 2022 LESSONS FOR SCHOOLS & GROUPS

Explore science, history, and art along the Schuylkill River!

Our **45-acre landscape** provides diverse habitats and seasonal opportunities for learning.

Hands-on lessons connect to **State Standards**.

Programs for **pre-K to grade 12**. Lessons can be adapted to work with your curriculum.

Just 15 minutes from Center City with **free parking**.

Outdoor picnic locations available. Welcome Center with kid-friendly items available.

Bartram's Garden can also **come to your classroom**. Email for more information.

We follow all city guidelines for COVID-19.



SAMPLE LESSON TOPICS

See more lesson topics on the reverse side of this flyer!

- **Seed Collectors:** Explore the creative ways plants protect and disperse their seeds.
- **Rich Habitats: A Study of Invertebrates:** Discover the invertebrates who call Bartram's Garden home.
- **Schuylkill Study:** Dive into the history and science of the Schuylkill River watershed.

RESERVATION DETAILS

CONTACT	Leslie Gale: 215-729-5281, ext. 110 or lgale@bartramsgarden.org
FEES	\$6 per student; add \$4 for second lesson the same day. One free adult chaperone per 10 students; additional chaperones \$6. A \$90 deposit is required to hold the reservation. Subsidies and transportation available for Southwest Philadelphia schools.
SCHEDULE	10AM to noon, Monday-Friday. Other arrangements may be made when scheduling.
GROUP SIZE	Maximum of 50 students. For groups smaller than 15 students, the rate is \$90.
WEATHER	If necessary, rain dates may be arranged.
CANCELLATIONS	Program cancellations must be made two weeks prior to reserved date or deposit is forfeited.

Connect. Learn. Be Inspired.

Bartram's Garden is a 45-acre National Historic Landmark on the banks of the Schuylkill River.
5400 Lindbergh Blvd., Philadelphia, PA 19143 • Take the #36 trolley • (215) 729-5281
BARTRAMSGARDEN.ORG

SPRING 2022 LESSON TOPICS

PLANTS AND HORTICULTURE

Branch Out! Grades 3–12 Be a botanist for a day! Learn how to identify the trees in the garden by examining their leaves, bark, buds, branches, and explore some of the fascinating math of plants. Make a beautiful leaf print using leaves you collect from the garden.

Grow It! Grades PreK–2 Examine the life cycle of a plant, dissect a seed, and take home a potted seed to grow.

Pollination Grades 3–9 Learn about the importance of pollinators-- bees, butterflies, bats, and others-- to our farms!

The Real Scoop on Soil Grades 4–9 Enjoy a “Day of Decay”! Learn about the living creatures that call soil home and help make soil so nutritious for plants.

NEW! Plant Evolution Grades 4–9 Trace the path from mosses to roses as we explore evolution and adaptation.

ANIMALS AND HABITAT

Animal Camouflage Grades K–5 Find animals hidden in plain sight at Bartram’s Garden and uncover the reasons why their lives can depend on these clever disguises. Design camouflage that will keep a creature of your own creation hidden from your classmates!

Nests & Eggs Grades PreK–5 Learn how birds care for their nests and eggs, discover how birds develop inside the egg, and build a nest to take home.

Rich Habitats: A Study of Invertebrates Grades 4–9 Did you know that 97% of all the animals on Earth are invertebrates? Discover the invertebrates (earthworms, spiders, insects, etc.) that live at Bartram’s Garden and create a field guide to record your observations of these fascinating animals.

Schuylkill Study Grades 4–12 Discover the history & science of the Schuylkill river Watershed and test the source of Philadelphia’s drinking water.

ART, SCIENCE, AND HISTORY

Mysteries of Navigation Grades 4–9 Can the stars help you find where you are and where you want to go? What are compasses and what do they have to do with magnets? Explore how people found their way before GPS.

The Art of Nature Grades 4–12 Create a beautiful botanical illustration of your own with watercolor pencils & I& learn about Philadelphia scientist-artists from the past.

Earthworks Grades 4–12 Who needs traditional art supplies? When we create Earthworks, the natural landscape is our canvas! We will collect objects such as seed pods and leaves and transform the garden into a gallery of unique sculptures.

Quaker Philadelphia Grades 3–12 Who were the Quakers who helped shape our garden and our city? How does their culture impact us today? We’ll tackle place-based history and the art of urban planning, working together as a class to construct a full-fledged city of our own.

Unnatural Histories Grades 3–12 Myth, fraud and honest mistakes. We’ll see how sometimes myth-making takes a front seat to science and create your own “unnatural history” exhibits.

In the Fall, enjoy our seasonal lessons about birds of prey and seed collecting. Many of our lessons are offered year round. Please email or call for more information.
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