



Philadelphia STEM Field Trip Directory December 2016

This STEM Filed Trip Directory includes descriptions of local field trip destinations that pertain to Science, Technology, Engineering, and/or Math (STEM).

A sincere THANK YOU to the Out-of-School Time Resource Center, at Foundations Inc. for providing the template for this Directory.

- These offerings vary in content, format, intended audience, price, etc. You must contact the specific organization for details.
- This is not a complete list of STEM field trip destinations in the region, nor is it an endorsement of any of the programs mentioned.
- To include yourself or your organization in the *STEM Field Trip Directory*, contact us via the information on the last page.

Field Trip Destinations

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- Camden Children's Garden
- College Settlement Outdoor School Program
- Fairmount Water Works Interpretive Center
- Franklin Institute
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- Independence Seaport Museum
- The Insectarium
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- Peter Wentz Farmstead
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- Schuylkill Center for Environmental Education
- University of Pennsylvania Museum of Archaeology and Anthropology
- Wagner Free Institute of Science
- Winterthur Museum & Country Estate
- Women's Humane Society for the Prevention of Cruelty to Animals
- The Woodlands
- Work to Ride

Academy of Natural Sciences of Drexel University

215-299-1060, hab49@drexel.edu, ansp.org/education/field-trips

1900 Benjamin Franklin Parkway; Philadelphia, PA 19103

Description: The Academy of Natural Sciences of Drexel University ignites the passion of our community and engage them in the wonders of the natural world through hands-on, inquiry based programming.

Adventure Aquarium

800-616-JAWS (5297), rsieck@adventureaquarium.com, www.AdventureAquarium.com

Camden Waterfront; 1 Riverside Drive; Camden, NJ 08103

Description: There are always more new things to see and do at Adventure Aquarium! Enjoy a brand new 4D show, free live shows, hands-on experiences and up-close animal appearances.

American Helicopter Museum & Education Center

610-436-9600, info@americanhelicopter.museum, www.americanhelicopter.museum

1220 American Boulevard; West Chester, PA 19380

Description: The museum's display of over 35 helicopters, autogiros, and convertiplanes is sure to fascinate visitors of all ages.

Bartram's Garden

215-729-5281, x104, info@bartramsgarden.org, www.bartramsgarden.org

5400 Lindbergh Boulevard; Philadelphia, PA 19143

Description: The 45-acre park and garden is located on the grassy banks of the Schuylkill River provides a unique and fun outdoor classroom for quality education programs in natural science, colonial history and art.

College Settlement Outdoor School Program

215-542-7974, camps@collegesettlement.org, www.collegesettlement.org

600 Witmer Road, Horsham PA 19044

Description: Our Outdoor School offers 1-3 day programs that are hands-on, minds-on, inquiry based curriculum on 236 acres of wetlands, forest, an organic farm, barnyard and meadows.

Camden Children's Garden

856-365-8733, vfriick@camdenchildrensgarden.org, www.camdenchildrensgarden.org

3 Riverside Drive; Camden, NJ 08103

Description: The Camden Children's Garden provides a horticultural experience with opportunities for creative and imaginative play. All are welcome but exhibits are geared towards younger visitors.

Fairmount Water Works Interpretive Center

215-685-0723, fairmountww@gmail.com, www.fairmountwaterworks.org

640 Water Works Drive; Philadelphia, PA 19130

Description: Hands-on thematic programs for pre-K through college level explore the past, present and future of water, water quality, the urban watershed and 21st century solutions to stormwater management.

Franklin Institute

215-448-1200 (Option 3), groupsales@fi.edu, www.fi.edu

222 North 20th Street; Philadelphia, PA 19103

Description: Exhibits are aligned with the National Science Education Standards to offer exciting learning experiences that help students understand key science concepts.

Garden State Discovery Museum

856-424-1233, ext. 305, reservations@discoverymuseum.com, www.discoverymuseum.com
2040 Springdale Road; Cherry Hill, NJ 08003

Description: The Museum encourages science discovery and exploration. Visiting children are encouraged to use their creativity and imagination.

Greener Partners' Longview Farm

610-584-6580, john.clayl@greenerpartners.org, www.greenerpartners.org
Longview Farm, 3215 Stump Hall Rd.; Collegeville, PA 19426

Description: Greener Partners aims to educate people of all ages about the origins of their food and empower them to create healthy communities.

Independence Seaport Museum

215-413-8630, groupsales@phillyseaport.org, www.phillyseaport.org
Penn's Landing; 211 South Columbus Blvd. & Walnut St.; Philadelphia, PA 19106

Description: Learn about the region's rich maritime heritage at Independence Seaport Museum, located on Philadelphia's historic waterfront. All children (grades K-12) are welcome as well as adult groups.

The Insectarium

215-335-9500, insectarium@aol.com, www.myinsectarium.com
8046 Frankford Avenue; Philadelphia, PA 19136

Description: *The Insectarium* is the country's largest exhibited all-arthropod museum. An extensive live collection demonstrates natural habitats of many unusual insects, tarantulas, scorpions and crustaceans.

John Heinz National Wildlife Refuge at Tinicum

215-365-3118, x103, Erika_Scarborough@fws.gov, www.fws.gov/heinz
8601 Lindbergh Boulevard; Philadelphia, PA 19153

Description: The John Heinz Wildlife Refuge at Tinicum is a 1200-acre refuge that provides habitat for over 300 species of birds and countless reptiles, amphibians, and mammals. Hiking Trails open 8:00am to sunset.

John James Audubon Center at Mill Grove

610-666-5593, cashley@audubon.org, mstelacio@audubon.org, johnjames.audubon.org
1201 Pawlings Road; Audobon, PA 19403

Description: Come discover wildlife through art, nature, and history! Groups can tour the historic home and museum and discover the amazing journey of John James Audubon or enjoy the grounds.

Linvilla Orchards

610-876-7116, info@linvilla.com, www.linvilla.com
137 W. Knowlton Road / 598 Linvill Rd (GPS Address); Media, PA 19063

Description: Linvilla Orchards is a 300-acre family farm dedicated to agriculture, entertainment and education.

Longwood Gardens

610-388-1000, mullman@longwoodgardens.org, www.longwoodgardens.org
1001 Longwood Road (US Route 1); Kennett Square, PA 19348

Description: Longwood Gardens is the world's premier horticultural display garden, featuring more than 1,000 acres of gardens that range from exotic flowers to insect-eating plants to managed meadows.

Morris Arboretum

215-247-5777, efhawley@upenn.edu, www.morrisarboretum.org

100 E. Northwestern Avenue; Philadelphia, PA 19118

Description: Morris Arboretum of the University of Pennsylvania is a historic public garden and educational institution with programs that integrate science, art, and the humanities.

The Mütter Museum at The College of Physicians of Philadelphia

215-563-3737, mengleman@collegeofphysicians.org, www.muttermuseum.org

19 South 22nd St (between Market and Chestnut); Philadelphia, PA 19103

Description: Explore what it means to be human at world-renowned Mütter Museum. Disturbingly informative exhibits and programs allow students to learn the history of medicine.

Norris Square Neighborhood Project

215-634-2227, marian@myneighborhoodproject.org, www.myneighborhoodproject.org

2141 N. Howard St.; Philadelphia, PA 19122

Description: NSNP's tours invite visitors of all ages to experience four of NSNP's cultural gardens to learn about Taíno, Puerto Rican & African history and heritage through our gardens, plants, murals, and structures.

Pennsylvania Society for the Prevention of Cruelty to Animals (PSPCA)

267-463-2329, education@pspca.org, www.pspca.org

350 E. Erie Ave.; Philadelphia, PA, 19134

Description: The Pennsylvania SPCA will continue to make a difference in our world through education, compassion and consideration for the lives of animals.

Peter Wentz Farmstead

610-584-5104, kboice@montcopa.org, www.montcopa.org/index.aspx?NID=929

2100 Schultz Road, P.O. Box 240; Worcester, PA 19490

Description: We offer a variety of hands-on activities for students of all ages on a wide array of topics pertaining to the Farmstead - the arts, sciences, and history.

Philadelphia Navy Yard

215-THE-YARD (215-843-9273), info@navyyard.org, www.navyyard.org

4747 South Broad Street; Building 101, Suite 120; Philadelphia, PA 19112

Description: The Navy Yard is a 1,200-acre, dynamic urban development, offering the Philadelphia region a unique and centrally-located waterfront business campus.

Philadelphia Water Department, Public Education

215-870-5650, dottiebaumgarten@gmail.com, www.phila.gov/water

ARAMark Tower 3rd Floor, 1101 Market Street, Philadelphia, PA 19107

Description: The Education programs offered include tours of the drinking water treatment plants and the sewage treatment plants, and much more.

Philadelphia Zoo

215-243-5235, education@phillyzoo.org, www.philadelphiazoo.org

3400 West Girard Avenue; Philadelphia, PA 19104

Description: The Philadelphia Zoo's 42-acre Victorian garden is home to more than 1,300 animals, many of them rare and endangered.

Riverbend Environmental Education Center

610-527-5234, x108, pstobie@riverbendeec.org, www.riverbendeec.org

1950 Spring Mill Road; Gladwyne, PA 19035

Description: Riverbend's mission is to teach environmental principles to children in SE Pennsylvania through a direct connection to nature, inspiring respect for our natural world and action as aware, responsible and caring citizens.

Schuylkill Center for Environmental Education

215-482-7300, x110, scee@schuylkillcenter.org, www.schuylkillcenter.org

8480 Hagy's Mill Road; Philadelphia, PA 19128

Description: Visits cover a variety of topics related to the environment, including but not limited to, habitats, adaptations, watersheds, animals, plants, soil, and human impact.

University of Pennsylvania Museum of Archaeology and Anthropology

215-898-4065, education@pennmuseum.org, www.museum.upenn.edu

Penn Museum, 3260 South Street; Philadelphia, PA 19104

Description: The University of Pennsylvania Museum of Archaeology and Anthropology, through its research, collections, exhibitions, and educational programming, advances understanding of the world's cultural heritage.

Wagner Free Institute of Science

215-763-6529, x17, reservations@wagnerfreeinstitute.org, www.wagnerfreeinstitute.org

1700 West Montgomery Avenue; Philadelphia, PA 19121

Description: The Wagner Free Institute of Science offers guided group visits that include a hands-on natural science lesson in its historic lecture hall and a scavenger hunt in the museum.

Winterthur Museum & Country Estate

1-800-448-3883, lstoehr@winterthur.org, www.winterthur.org

5105 Kennett Pike; Winterthur, DE 19735

Description: Winterthur features an outstanding collection of early American decorative arts, changing exhibitions, 900 acres of gardens, and a 3-acre garden called *Enchanted Woods*.

Women's Humane Society for the Prevention of Cruelty to Animals

215-750-3100, education@womenshumanesociety.org, www.womenshumanesociety.org

3839 Richlieu Road; Bensalem, PA 19020

Description: The Women's Humane Society's commitment to the humane and compassionate treatment of animals is demonstrated by our history as America's First Animal Shelter.

The Woodlands

215-386-2181, info@woodlandsphila.org, www.woodlandsphila.org

4000 Woodland Ave.; Philadelphia, PA 19104

Description: Woodlands Cemetery retains 18th-century buildings, elaborate Victorian funerary monuments, curving green contours, and majestic trees to preserve a park-like setting amid the bustling University City neighborhood.

Work to Ride

(267) 531-3321, lessons@worktoride.net, www.worktoride.net

Chamounix Equestrian Center, 98 Chamounix Drive; Philadelphia, PA 19131

Description: The informational tour will include: equine behavior, stable terminology, hayloft, stable management, health and safety, and an explanation of how a working barn operates. The tour will end with the group grooming a pony or horse and learning how to properly lead them.

Please send additional STEM Field Trip listings (and corrections) to: Dr. Nancy Peter, Director of STEM Initiatives, Philadelphia Education Fund: npeter@philaedfund.org