
Philadelphia STEM Field Trip Directory Fall 2017

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

- ❖ Academy of Natural Sciences of Drexel University
- ❖ Adventure Aquarium
- ❖ American Helicopter Museum & Education Center Bartram's Garden
- ❖ Camden Children's Garden
- ❖ College Settlement Outdoor School Program
- ❖ Fairmount Water Works Interpretive Center
- ❖ Franklin Institute
- ❖ Garden State Discovery Museum
- ❖ Greener Partners' Longview Farm
- ❖ Independence Seaport Museum
- ❖ John Heinz National Wildlife Refuge at Tinicum
- ❖ John James Audubon Center at Mill Grove
- ❖ Linvilla Orchards
- ❖ Longwood Gardens
- ❖ Morris Arboretum
- ❖ Mütter Museum at The College of Physicians of Philadelphia
- ❖ Norris Square Neighborhood Project
- ❖ Pennsylvania Society for the Prevention of Cruelty to Animals (PSPCA)
- ❖ Peter Wentz Farmstead
- ❖ The Philadelphia Insectarium and Butterfly Pavilion
- ❖ Philadelphia Navy Yard
- ❖ Philadelphia Water Department, Public Education
- ❖ Philadelphia Zoo
- ❖ Riverbend Environmental Education Center
- ❖ 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
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215.665.1400
www.philaedfund.org

1709 Benjamin Franklin Parkway, Suite 700
Philadelphia, PA 19103

Organization/Program	Description	Contact
<u>Academy of Natural Sciences of Drexel University</u> 1900 Ben Franklin Parkway; Philadelphia, PA 19103	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.	(215) 299-1061 <u>hab49@drexel.edu</u>
<u>Adventure Aquarium</u> 1 Riverside Drive; Camden, NJ 08103	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.	Camden Waterfront 800-616-JAWS (5297) <u>rsieck@adventureaquarium.com</u>
<u>American Helicopter Museum & Education Center</u> 1220 American Boulevard; West Chester, PA 19380	The museum's display of over 35 helicopters, autogiros, and convertiplanes is sure to fascinate visitors of all ages.	610-436-9600 <u>info@americanhelicopter.museum</u>
<u>Bartram's Garden</u> 5400 Lindbergh Boulevard; Philadelphia, PA 19143	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.	215-729-5281, ext. 104 <u>info@bartramsgarden.org</u>
<u>College Settlement Outdoor School Program</u> 600 Witmer Road, Horsham PA 19044	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.	215-542-7974 <u>camps@collegesettlement.org</u>
<u>Camden Children's Garden</u> 3 Riverside Drive; Camden, NJ 08103	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.	856-365-8733 <u>vfrick@camdenchildrensgarden.org</u>
<u>Fairmount Water Works Interpretive Center</u> 640 Water Works Drive; Philadelphia, PA 19130	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.	215-685-0723 <u>fairmountww@gmail.com</u>
<u>Franklin Institute</u> 222 North 20th Street; Philadelphia, PA 19103	Exhibits are aligned with the National Science Education Standards to offer exciting learning experiences that help students understand key science concepts.	215-448-1200 (Option 3) <u>groupsales@fi.edu</u>
<u>Garden State Discovery Museum</u> 2040 Springdale Road; Cherry Hill, NJ 08003	The Museum encourages science discovery and exploration. Visiting children are encouraged to use their creativity and imagination.	856-424-1233, ext. 305 <u>reservations@discoverymuseum.com</u>
<u>Greener Partners' Longview Farm</u> Longview Farm, 3215 Stump Hall Rd.; Collegeville, PA 19426	Greener Partners aims to educate people of all ages about the origins of their food and empower them to create healthy communities.	610-584-6580 <u>john.clayl@greenerpartners.org</u>
<u>Independence Seaport Museum</u> 211 South Columbus Blvd. & Walnut St.; Philadelphia, PA 19106	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.	215-413-8630 <u>groupsales@phillyseaport.org</u>
<u>John Heinz National Wildlife Refuge at Tinicum</u> 8601 Lindbergh Boulevard; Philadelphia, PA 19153	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.	215-365-3118, ext. 103 <u>Erika_Scarborough@fws.gov</u>

<p><u>John James Audubon Center at Mill Grove</u> 1201 Pawlings Road; Audobon, PA 19403</p>	<p>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.</p>	<p>610-666-5593 cashley@audubon.org mstelacio@audubon.org</p>
<p><u>Linvilla Orchards</u> 137 W. Knowlton Road / 598 Linvill Rd (GPS Address); Media, PA 19063</p>	<p>Linvilla Orchards is a 300-acre family farm dedicated to agriculture, entertainment and education.</p>	<p>610-876-7116 info@linvilla.com</p>
<p><u>Gardens</u> 1001 Longwood Road (US Route 1); Kennett Square, PA 19348</p>	<p>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.</p>	<p>610-388-1000 mullman@longwoodgardens.org</p>
<p><u>Morris Arboretum</u> 100 E. Northwestern Avenue; Philadelphia, PA 19118</p>	<p>Morris Arboretum of the University of Pennsylvania is a historic public garden and educational institution with programs that integrate science, art, and the humanities.</p>	<p>215-247-5777 efhawley@upenn.edu</p>
<p><u>The Mütter Museum at The College of Physicians of Philadelphia</u> 19 South 22nd St, Philadelphia, PA 19103</p>	<p>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.</p>	<p>215-563-3737 mengleman@collegeofphysicians.org</p>
<p><u>Norris Square Neighborhood Project</u> 2141 N. Howard St.; Philadelphia, PA 19122</p>	<p>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.</p>	<p>215-634-2227 marian@myneighborhoodproject.org</p>
<p><u>Pennsylvania Society for the Prevention of Cruelty to Animals (PSPCA)</u> 350 E. Erie Ave.; Philadelphia, PA, 19134</p>	<p>The Pennsylvania SPCA will continue to make a difference in our world through education, compassion and consideration for the lives of animals.</p>	<p>267-463-2329 education@pspca.org</p>
<p><u>Peter Wentz Farmstead</u> 2100 Schultz Road, P.O. Box 240; Worcester, PA 19490</p>	<p>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.</p>	<p>610-584-5104 kboice@montcopa.org</p>
<p><u>The Philadelphia Insectarium and Butterfly Pavilion</u> 8046 Frankford Avenue; Philadelphia, PA 19136</p>	<p>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.</p>	<p>215-335-9500 info@phillybutterflypavilion.com</p>
<p><u>Philadelphia Navy Yard</u> 4747 South Broad Street; Building 101, Suite 120; Philadelphia, PA 19112</p>	<p>The Navy Yard is a 1,200-acre, dynamic urban development, offering the Philadelphia region a unique and centrally-located waterfront business campus.</p>	<p>215-THE-YARD (215-843-9273) info@navyard.org</p>
<p><u>Philadelphia Water Department, Public Education</u> ARAMark Tower 3rd Floor, 1101 Market Street, Philadelphia, PA 19107</p>	<p>The Education programs offered include tours of the drinking water treatment plants and the sewage treatment plants, and much more.</p>	<p>215-870-5650, dottiebaumgarten@gmail.com</p>
<p><u>Philadelphia Zoo</u> 3400 West Girard Avenue; Philadelphia, PA 19104</p>	<p>The Philadelphia Zoo's 42-acre Victorian garden is home to more than 1,300 animals, many of them rare and endangered.</p>	<p>215-243-5235 education@phillyzoo.org</p>

<p><u>Riverbend Environmental Education Center</u> 1950 Spring Mill Road; Gladwyne, PA 19035</p>	<p>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.</p>	<p>610-527-5234, ext. 108 <u>pstobie@riverbendec.org</u></p>
<p><u>Schuylkill Center for Environmental Education</u> 8480 Hagy’s Mill Road; Philadelphia, PA 19128</p>	<p>Visits cover a variety of topics related to the environment, including but not limited to, habitats, adaptations, watersheds, animals, plants, soil, and human impact.</p>	<p>215-482-7300, x110, <u>scee@schuylkillcenter.org</u></p>
<p><u>University of Pennsylvania Museum of Archaeology and Anthropology</u> Penn Museum, 3260 South Street; Philadelphia, PA 19104</p>	<p>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.</p>	<p>215-898-4065 <u>education@pennmuseum.org</u></p>
<p><u>Wagner Free Institute of Science</u> 1700 West Montgomery Avenue; Philadelphia, PA 19121</p>	<p>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.</p>	<p>215-763-6529, ext. 17 <u>reservations@wagnerfreeinstitute.org</u></p>
<p><u>Winterthur Museum & Country Estate</u> 5105 Kennett Pike; Winterthur, DE 19735</p>	<p>Winterthur features an outstanding collection of early American decorative arts, changing exhibitions, 900 acres of gardens, and a 3-acre garden called <i>Enchanted Woods</i>.</p>	<p>1-800-448-3883 <u>lstoehr@winterthur.org</u></p>
<p><u>Women’s Humane Society for the Prevention of Cruelty to Animals</u> 3839 Richlieu Road; Bensalem, PA 19020</p>	<p>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.</p>	<p>215-750-3100 <u>education@womenshumanesociety.org</u></p>
<p><u>The Woodlands</u> 4000 Woodland Ave.; Philadelphia, PA 19104</p>	<p>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.</p>	<p>215-386-2181 <u>info@woodlandsphila.org</u></p>
<p><u>Work to Ride</u> Chamounix Equestrian Center, 98 Chamounix Drive; Philadelphia, PA 19131</p>	<p>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.</p>	<p>(267) 531-3321 <u>lessons@worktoride.net</u></p>

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