



Philadelphia STEM Outreach Directory Fall 2017

This Outreach Directory includes descriptions of local outreach (traveling) services 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 outreach programs in the region, nor is it an endorsement of any of the programs mentioned.
- To include yourself or your organization in the *STEM Outreach Directory*, contact us via the information on the last page.

Outreach Programs

- ❖ 3-D Community Services and Housing
- ❖ Academy of Natural Sciences of Drexel University
- ❖ American Helicopter Museum and Education Center
- ❖ Association of Women in Forensic Science, Inc. (AWIFS)
- ❖ Center for Aquatic Sciences
- ❖ Community Science and Technology Education Project (CSTEP)
- ❖ Fairmount Park Commission
- ❖ Franklin Institute
- ❖ Garden State Discovery Museum Center for Learning
- ❖ Grand Hank Productions, Inc.
- ❖ The Hacktory
- ❖ ITT Technical Institute
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- ❖ Let's Red Math!
- ❖ Messages in Motion
- ❖ Middletown Robotics Academy
- ❖ New Jersey Academy for Aquatic Sciences
- ❖ Operation HOPE
- ❖ Pennsylvania Society for Biomedical Research (PSBR)
- ❖ Pennsylvania Society for the Prevention of Cruelty to Animals
- ❖ Peter Wentz Farmstead
- ❖ The Philadelphia Insectarium and Butterfly Pavilion
- ❖ Philadelphia Zoo
- ❖ Riverbend Environmental Education Center
- ❖ Science-By-The-Day: Traveling Science Lab
- ❖ The Schuylkill Center for Environmental Education
- ❖ TechCORE2

- ❖ TechGirlz
 - ❖ TD Bank Wow!Zone
 - ❖ University of Pennsylvania Museum of Archaeology and Anthropology
 - ❖ USFWS, John Heinz National Wildlife Refuge at Tinicum
 - ❖ Wagner Free Institute of Science
 - ❖ Wissahickon Environmental Center
 - ❖ Women's Humane Society for the Prevention of Cruelty to Animals
 - ❖ Wonderology
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215.665.1400
www.philaedfund.org

1709 Benjamin Franklin Parkway, Suite 700
Philadelphia, PA 19103

Organization/Program	Description	Contact
<u>3-D Community Services and Housing</u> 2233 East Ann Street Philadelphia, PA 19134	3-D Community Services and Housing provides STEM (Science, Technology, Engineering and Math) programs, computer training for youth and adults, and financial literacy.	Brian Dorsey (267) 528-8197 threedcommunityservices@gmail.com
<u>Academy of Natural Sciences of Drexel University</u> 1900 Ben Franklin Parkway; Philadelphia, PA 19103	<i>Academy On-the-Go</i> brings the excitement of a museum visit—complete with dinosaurs, live animals, and expert naturalists—right to you.	Mike Kaczmarczik (215) 299-1061 reservations@ansp.org
<u>American Helicopter Museum and Education Center</u> 1220 American Boulevard; West Chester, PA 1938	<i>'Science of Helicopters' School Outreach Program</i> as well as <i>Stubby, the Traveling Helicopter</i> bring the fun and innovation of helicopters directly to your students.	Robyn Morgan (610) 436-9600 rmorgan@americanhelicopter.museum
<u>Association of Women in Forensic Science, Inc. (AWIFS)</u> PO Box 3536; Philadelphia, PA 19122	AWIFS provides networking opportunities, <i>Club Philly Forensics</i> year-round workshops and outreach programming for female forensic professionals, youth, and college students.	Antoinette T. Thwaites 1-888-494-2112 info@awifs.org
<u>Center for Aquatic Sciences</u> 1 Riverside Drive; Camden, NJ 08103	The Center for Aquatic Sciences outreach programs travel year-round – learn about marine life through our engaging and interactive lessons which usually include live animals.	Amy Penney 856-361-1024 outreach@aquaticsciences.org
<u>Community Science and Technology Education Project (CSTEP)</u>	Provides individualized STEAM lessons for During School/After School/Home School classroom communities (K-12) in order to meet the curriculum needs of every student in Science Technology Engineering Art and Math.	Sharon Newman Ehrlich Education215@gmail.com
<u>Fairmount Park Commission</u> One Parkway, 10th Floor, 1515 Arch Street; Philadelphia, PA 19102	Fairmount Park Commission (FPC) staff lead volunteer groups in ecological restoration projects in the Fairmount Park system.	Barbara McCabe 215-683-3679 Barbara.McCabe@phila.gov
<u>Franklin Institute</u> 222 North 20th Street; Philadelphia, PA 19103	The Franklin Institute offers their signature brand of hands-on science learning in two unique ways: <i>Traveling Science Shows</i> and <i>Traveling Tabletop Exhibits</i> .	Melissa Fleming 215-448-1200 mfleming@fi.edu
<u>Garden State Discovery Museum Center for Learning</u> 2040 Springdale Road, Suite 100; Cherry Hill, NJ 08003	<i>Museum on the Move</i> brings all the education and excitement right to your doorstep! Choose from multi-week classes, assembly programs, live animal shows, theater-based classes and community outreach.	856-424-1233, ext. 314 programs@discoverymuseum.com
<u>Grand Hank Productions, Inc.</u> 501 East Armstrong Street; Philadelphia, PA 19144	GHPI provides educational training and instruction to students, educators, and administrators of grades K-12; through state-of-the-art live and recorded production technologies, communications, and marketing.	Tyraine Ragsdale (aka Grand Hank) 215-247-1109 contact@grandhank.com
<u>The Hacktory</u> 3711 Market Street; Philadelphia, PA 19104	We inspire people of all ages to integrate technology and art to create new methods of personal expression. We do this through classes, materials exchange, public events, and artist and resident programs.	Georgia Guthrie 215-650-7295 georgia@thehacktory.org
<u>ITT Technical Institute</u> 311 Veterans Highway; Levittown, PA 19056	ITT Tech offers an informative presentation designed to interest students in pursuing a STEM-based education and technology-based careers.	Mark Shouldis 215-702-6318 mshouldis@itt-tech.edu

<p><u>Let's Go Outdoors</u> P.O. Box 27551; Philadelphia, PA 19118</p>	<p>Let's Go Outdoors seeks to raise participation in outdoor recreation, especially among people of color and/or city communities. We offer easy, convenient, campouts/retreats, youth leadership activities, and more!</p>	<p>Keisha Scovens 866-878-3595 keisha@letsgooutdoors.net</p>
<p><u>Let's Read Math!</u> OIC, 1231 N. Broad Street; Philadelphia, PA 19122</p>	<p>The goal of Let's Read Math!™ is to spread a joy for mathematics among children and the adults who care for them - at school, at home, or in various out-of-school settings.</p>	<p>Claire Passantino (215) 771-0046 cbpass@aol.com</p>
<p><u>Messages in Motion</u> Mobile service will travel to locations within Philadelphia county</p>	<p>Messages in Motion (MIM) is a mobile media studio that offers first-time media makers the tools to produce a 1-3 minute personal/documentary video. We target ages 12 and older.</p>	<p>Laura Deutch 484-201-6063 laura.deutch@gmail.com</p>
<p><u>Middletown Robotics Academy</u> 3402 Edgmont Avenue, Suite 307; Brookhaven PA 19013</p>	<p>We provide STEM Education through Lego Robotics programs where children get to build and program using Lego bricks. If you choose to go further into the program children can compete statewide.</p>	<p>Alexis Robinson 484-477-3329 keyes349@hotmail.com</p>
<p><u>New Jersey Academy for Aquatic Sciences</u> 1 Riverside Drive; Camden, NJ 08103</p>	<p>NJAAS outreach programs travel year-round to schools, daycare centers, summer camps, libraries, and your special events. Learn about marine life in a fun way, usually including live animals.</p>	<p>Estelle Kerdock 856-365-1024 troutreach@njaas.org</p>
<p><u>Operation HOPE</u> 401 W. Tabor Road, C/O PNC Bank; Philadelphia, PA 19120</p>	<p>Operation HOPE is a 501(c)3 dedicated to teaching students in grades 4-12 about money and banking skills in a four unit program. <i>Banking on Our Future</i> classes are free of charge for schools and communities.</p>	<p>Jennifer Brower 215-410-7244 jennifer.brower@operationhope.org</p>
<p><u>Pennsylvania Society for Biomedical Research (PSBR)</u></p>	<p>Programs run in and around Philadelphia and Pennsylvania regionally. We provide in-class projects, workshops, speakers, and experiences on biomedical sciences for students from kindergarten through college free of charge.</p>	<p>David Garbe, PhD 717-731-3558 david@psbr.org</p>
<p><u>Pennsylvania Society for the Prevention of Cruelty to Animals</u> 350 E. Erie Ave.; Philadelphia, PA 19134</p>	<p><i>Humane Education</i> offers educational experiences for schools, youth programs, and community organizations interested in animal welfare, animal cruelty, animal safety, and responsible pet ownership.</p>	<p>Mandy Hood 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>The Peter Wentz Farmstead is an 18th century Pennsylvania German historic site. 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>Kimberly Boice 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. The 7,000 square foot butterfly pavilion houses tropical plants and approximately 2,000 butterflies.</p>	<p>215-335-9500, info@phillybutterflypavilion.com</p>

<p><u>Philadelphia Zoo</u> 3400 West Girard Avenue; Philadelphia, PA 19104</p>	<p>Bring the excitement of the Philadelphia Zoo to you through our outreach program. Traveling naturalists bring live animals and biofacts to your site for an exciting encounter with wildlife.</p>	<p>215-243-5353 zoonwheels@phillyzoo.org</p>
<p><u>Riverbend Environmental Education Center</u> 1950 Spring Mill Road; Gladwyne, PA 19035</p>	<p><i>“Riverbend on the Road”</i> offers a wide range of options for bringing nature into your school or center. Each program includes interactive activities and can be adapted for any age or group size.</p>	<p>Erin McCool 610-527-5234, ext. 108 emccool@riverbendec.org</p>
<p><u>Science-By-The-Day: Traveling Science Lab</u> 3601 Conshohocken Avenue, #402; Philadelphia, PA 19131</p>	<p>The goal of the Traveling Science Lab is to bring fun and engaging science activities for Early Childhood Education Programs. Topics include: Living Organisms/Animal Observation, Physical Science/Balls and Ramps, Earth Science/Rocks and Earth Forms, The Environment/Trash-to-Treasure, and Chemistry: Solids, Liquids and Gases.</p>	<p>Deborah Lewis 215-740-6753 travelingsciencelab@gmail.com</p>
<p><u>The Schuylkill Center for Environmental Education</u> 8480 Hagys Mill Road; Philadelphia, PA 19128</p>	<p>Schuylkill Center school programs increase environmental literacy, enhances critical thinking skills, and provide opportunities to practice environmental stewardship.</p>	<p>Registrar 215-482-7300, ext. 110, scee@schuylkillcenter.org</p>
<p><u>TechCORE2 (Computers + Resources + Opportunities = Employment x Entrepreneurship)</u> 7478 Rhoads Street, Suite A, Philadelphia, PA 19151</p>	<p>TechCORE2’s Fall 2017 Coding + Robotics Program will help your young, grades Kindergarten, Elementary, Middle School and High School student on the path of being a “Digital Creative”, soaring past being merely a technology consumer.</p>	<p>Joel Wilson 215-879-6701 joel@techcore2.org</p>
<p><u>TechGirlz</u> 239 Barker Road, Wyncote, PA 19095</p>	<p>TechGirlz provides fun, free, hands-on technology workshops for middle school girls all throughout the Philadelphia and surrounding areas. Girls will explore a variety of technology topics, including web development, game design, mobile apps, media editing, circuits and hardware, and robotics.</p>	<p>Danica Pascavage 267-328-4703 danica@techgirlz.org</p>
<p><u>TD Bank Wow Zone</u> 4020 City Line Avenue; Philadelphia, PA 19131</p>	<p><i>Wow!Zone</i> is a comprehensive financial literacy program created by TD Bank. The goal is to provide children and teens with valuable information about money, saving, banking and investing. Trained instructors are available to visit your classroom to teach this special course.</p>	<p>Assistant Manager 215-477-7620</p>
<p><u>University of Pennsylvania Museum of Archaeology and Anthropology</u> Penn Museum; 3260 South Street; Philadelphia, PA 19104</p>	<p>The Penn Museum has always been one of the world’s great archaeology and anthropology research museums, with numerous learning and enrichment opportunities for K-12 Educators and their classrooms.</p>	<p>215-898-4065 education@pennmuseum.org</p>
<p><u>USFWS, John Heinz National Wildlife Refuge at Tinicum</u> 8601 Lindbergh Boulevard; Philadelphia, PA 19152</p>	<p>USFWS-JHNWRT provides professional development, direct programs to students, schoolyard habitat support, and annual art and photo contests.</p>	<p>Erika Scarborough 215-365-3118 Erika_Scarborough@fws.gov</p>
<p><u>Wagner Free Institute of Science</u> 1700 West Montgomery Avenue; Philadelphia, PA 19121</p>	<p><i>Wagner-to-Go</i> programs are for anyone interested in natural science, but are geared towards children in kindergarten through 6th grade.</p>	<p>215-763-6529, ext. 17 reservations@wagnerfreeinstitute.org</p>

<p><u>Wissahickon Environmental Center</u> 300 Northwestern Avenue; Philadelphia, PA 19118</p>	<p>The Wissahickon Environmental Center provides outreach lessons on various environmental topics such as watersheds, Philadelphia wildlife, natural neighborhoods, and erosion.</p>	<p>215-685-9285 Patricia.Fries@phila.gov</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 distinguished history as America's First Animal Shelter.</p>	<p>215-750-3100 education@womenshumanesociety.org</p>
<p><u>Wondergy</u> 3624 Market Street, Suite 316S; Philadelphia, PA 19104</p>	<p>We believe that fun and science belong together. And we love bringing them together at your home, community, school, and business. What can we say? We're science people.</p>	<p>86-MOLECULE (toll free, 866-653-2853) science@wondergy.com</p>

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