



Philadelphia STEM Outreach Directory December 2016

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

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- 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
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- Franklin Institute
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- Grand Hank Productions, Inc.
- The Hacktory
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- Peter Wentz Farmstead
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- Wissahickon Environmental Center
- Women's Humane Society for the Prevention of Cruelty to Animals
- Wonderology

3-D Community Services and Housing

267-528-8197, Brian Dorsey, threedcommunityservices@gmail.com,
<http://threedcommunity.tripod.com>

2233 East Ann Street; Philadelphia, PA 19134

Description: 3-D Community Services and Housing provides STEM (Science, Technology, Engineering and Math) programs, computer training for youth and adults, and financial literacy.

Academy of Natural Sciences of Drexel University

215-299-1061, Mike Kaczmarczik, reservations@ansp.org, ansp.org

1900 Ben Franklin Parkway; Philadelphia, PA 19103

Description: *Academy On-the-Go* brings the excitement of a museum visit—complete with dinosaurs, live animals, and expert naturalists—right to you.

American Helicopter Museum and Education Center

610-436-9600, Robyn Morgan, rmorgan@americanhelicopter.museum,

www.americanhelicopter.museum

1220 American Boulevard; West Chester, PA 19380

Description: *'Science of Helicopters' School Outreach Program* as well as *Stubby, the Traveling Helicopter* bring the fun and innovation of helicopters directly to your students.

Center for Aquatic Sciences

856-361-1024, Amy Penney, outreach@aquaticsciences.org, www.aquaticsciences.org

1 Riverside Drive; Camden, NJ 08103

Description: 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.

Fairmount Park Commission

215-683-3679, Barbara McCabe, Barbara.McCabe@phila.gov, www.fairmountpark.org

One Parkway, 10th Floor, 1515 Arch Street; Philadelphia, PA 19102

Description: Fairmount Park Commission (FPC) staff lead volunteer groups in ecological restoration projects in the Fairmount Park system.

Franklin Institute

215-448-1200, Melissa Fleming, [mfleming@fi.edu](mailto:m Fleming@fi.edu), www.fi.edu/TSS

222 North 20th Street; Philadelphia, PA 19103

Description: The Franklin Institute offers their signature brand of hands-on science learning in two unique ways: *Traveling Science Shows* and *Traveling Tabletop Exhibits*.

Garden State Discovery Museum Center for Learning

856-424-1233, ext. 314, programs@discoverymuseum.com, www.discoverymuseum.com

2040 Springdale Road, Suite 100; Cherry Hill, NJ 08003

Description: *Museum on the Move* 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.

Grand Hank Productions, Inc.

215-247-1109, Tyraine Ragsdale, aka Grand Hank, contact@grandhank.com, grandhank.com

501 East Armstrong Street; Philadelphia, PA 19144

Description: 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.

The Hacktory

215-650-7295, Georgia Guthrie, georgia@thehacktory.org, thehacktory.org
3711 Market Street; Philadelphia, PA 19104

Description: 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.

ITT Technical Institute

215-702-6318, Mark Shouldis, mshouldis@itt-tech.edu, www.itt-tech.edu
311 Veterans Highway; Levittown, PA 19056

Description: ITT Tech offers an informative presentation designed to interest students in pursuing a STEM-based education and technology-based careers.

Let's Go Outdoors

866-878-3595, Keisha Scovens, keisha@letsgooutdoors.net, letsgooutdoors.net
P.O. Box 27551; Philadelphia, PA 19118

Description: 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!

Let's Read Math!

(215) 771-0046, Claire Passantino, cbpass@aol.com, letsreadmath.com
OIC, 1231 N. Broad Street; Philadelphia, PA 19122

Description: 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.

Messages in Motion

484-201-6063, Laura Deutch, laura.deutch@gmail.com, messagesinmotion.com
Mobile service will travel to locations within Philadelphia county

Description: 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.

Middletown Robotics Academy

484-477-3329, Alexis Robinson, keyes349@hotmail.com,
www.middletownroboticsacademy.weebly.com
3402 Edgmont Avenue, Suite 307; Brookhaven PA 19013

Description: 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.

New Jersey Academy for Aquatic Sciences

856-365-1024, Estelle Kerdock, troutreach@njaas.org, www.njaas.org
1 Riverside Drive; Camden, NJ 08103

Description: 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.

Operation HOPE

215-410-7244, Jennifer Brower, jennifer.brower@operationhope.org, operationhope.org
401 W. Tabor Road, C/O PNC Bank; Philadelphia, PA 19120

Description: 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. *Banking on Our Future* classes are free of charge for schools and communities.

Pennsylvania Society for Biomedical Research (PSBR)

717-731-3558, David Garbe, PhD, david@psbr.org, www.psbr.org

PO Box 1163, Camp Hill, PA 17001 (don't worry, our programs are run in and around Philly)

Description: We provide in-class projects, workshops, speakers, and experiences for students from kindergarten through college on topics in biomedical research. Everything we provide is free of charge!

Pennsylvania Society for the Prevention of Cruelty to Animals

267-463-2329, Mandy Hood, education@pspca.org, pspca.org

350 E. Erie Ave.; Philadelphia, PA 19134

Description: *Humane Education* offers educational experiences for schools, youth programs, and community organizations interested in animal welfare, animal cruelty, animal safety, and responsible pet ownership.

Peter Wentz Farmstead

610-584-5104, Kimberly Boice, kboice@montcopa.org,

www.montcopa.org/index.aspx?NID=929

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

Description: 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.

Philadelphia Zoo

215-243-5353, zoonwheels@phillyzoo.org, www.phillyzoo.org

3400 West Girard Avenue; Philadelphia, PA 19104

Description: 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.

Riverbend Environmental Education Center

610-527-5234, x108, Erin McCool, emccool@riverbendec.org, riverbendec.org 1950 Spring Mill Road; Gladwyne, PA 19035

Description: "*Riverbend on the Road*" 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.

Science-By-The-Day: Traveling Science Lab

215-740-6753, Deborah Lewis, travelingsciencelab@gmail.com

3601 Conshohocken Avenue, #402; Philadelphia, PA 19131

Description: 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.

The Schuylkill Center for Environmental Education

215-482-7300, ext. 110, Registrar, scee@schuylkillcenter.org, schuylkillcenter.org

8480 Hagys Mill Road; Philadelphia, PA 19128

Description: Schuylkill Center school programs increase environmental literacy, enhances critical thinking skills, and provide opportunities to practice environmental stewardship.

TechGirlz

267-328-4703, Danica Pascavage, danica@techgirlz.org, TechGirlz.org
239 Barker Road, Wyncote, PA 19095

Description: 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.

TD Bank Wow Zone

215-477-7620, Assistant Manager, www.tdbank.com/wowzone/educators
4020 City Line Avenue; Philadelphia, PA 19131

Description: *Wow!Zone* 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.

University of Pennsylvania Museum of Archaeology and Anthropology

215-898-4065, education@pennmuseum.org, www.penn.museum/teachers-and-students/in-your-classroom

Penn Museum; 3260 South Street; Philadelphia, PA 19104

Description: 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.

USFWS, John Heinz National Wildlife Refuge at Tinicum

215-365-3118, Erika Scarborough, Erika_Scarborough@fws.gov, www.fws.gov/heinz
8601 Lindbergh Boulevard; Philadelphia, PA 19152

Description: USFWS-JHNWRT provides professional development, direct programs to students, schoolyard habitat support, and annual art and photo contests.

Wagner Free Institute of Science

215-763-6529, x17, reservations@wagnerfreeinstitute.org, wagnerfreeinstitute.org
1700 West Montgomery Avenue; Philadelphia, PA 19121

Description: *Wagner-to-Go* programs are for anyone interested in natural science, but are geared towards children in kindergarten through 6th grade.

Wissahickon Environmental Center

215-685-9285, Patricia.Fries@phila.gov,
<http://www.phila.gov/ParksandRecreation/environment/environmentaleducation/Pages/WissahickonEnvironmentalCenter.aspx>

300 Northwestern Avenue; Philadelphia, PA 19118

Description: The Wissahickon Environmental Center provides outreach lessons on various environmental topics such as watersheds, Philadelphia wildlife, natural neighborhoods, and erosion.

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 distinguished history as America's First Animal Shelter.

Wondergy

86-MOLECULE (toll free, 866-653-2853), science@wondergy.com, wondergy.com
3624 Market Street, Suite 316S; Philadelphia, PA 19104

Description: 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.

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