



STEM Science Technology Engineering Math Summer Programs at Penn

For School District of Philadelphia
middle and high school students

The University of Pennsylvania is looking for talented and motivated Philadelphia public school students to attend STEM programs this summer. All programs are either **FREE** or offer need-based scholarships for local students.

Please use the information assembled in this flyer to encourage potential participants to apply, and use websites mentioned for details on individual opportunities.

Find us online



 www.sas.upenn.edu/STEMoutreach

 STEMoutreach@sas.upenn.edu

 [@PennSASSO1](https://twitter.com/PennSASSO1)

* *Grade Level Eligibility* refers to grade level completed.



DATES
JUNE 23 - AUGUST 8
APPLICATION DEADLINE
MARCH 1
GRADE LEVEL ELIGIBILITY
9TH - 11TH

Teen Research and Education in Environmental Science

Perelman School of Medicine, Center of Excellence in Environmental Toxicology

TREES provides opportunities for approximately 8 high school students to work one-on-one with mentors on environmental research projects they choose and design. Support continues into the school year, when many students enter their work in science fairs.

goo.gl/iyvw7z

DATES
VARIOUS
APPLICATION DEADLINE
MAY 1
GRADE LEVEL ELIGIBILITY
6TH - 8TH

Canine Handler Academy

Penn Vet Working Dog Center

CHA allows participants to peek into the world of working dogs through training and exposure through search and rescue, ovarian cancer detection, diabetic alert detection, law enforcement and veterinary care.

www.surveymonkey.com/s/caninehandler2014

DATES
JULY 6 - 26
APPLICATION DEADLINE
JUNE 1
GRADE LEVEL ELIGIBILITY
9TH - 11TH

Penn Summer High School Academies

School of Arts and Sciences

The 3 Science Academies – Biomedical, Chemistry, and Experimental Physics Research – are academically rigorous, subject intensive programs fusing traditional classroom instruction with experiential learning.

www.sas.upenn.edu/summer/

DATES
JULY 6 - 26
APPLICATION DEADLINE
MAY 15
GRADE LEVEL ELIGIBILITY
9TH - 11TH

Summer Academy in Applied Science and Technology

School of Engineering and Applied Science

Combining sophisticated theory with hands-on practical experience in cutting edge technologies, the SAAST offers 6 different courses: Biotechnology, Computer Graphics, Computer Science, Nanotechnology, Robotics, and Engineering Complex Networks.

www.seas.upenn.edu/saast/

DATES
JULY 7 - AUGUST 1
APPLICATION DEADLINE
APRIL 15
GRADE LEVEL ELIGIBILITY
10TH - 11TH

Penn Summer Science Initiative

Laboratory for Research on the Structure of Matter

Students with a strong interest in science and engineering attend PSSI lectures, participate in experiments, use a computer lab and go on field trips to Penn facilities as well as industrial sites.

www.lrsm.upenn.edu/outreach/pssi.html

DATES
JULY 8 - AUGUST 1
APPLICATION DEADLINE
APRIL 11
GRADE LEVEL ELIGIBILITY
9TH - 10TH

Summer Mentorship Program

The Vice Provost for University Life

Students in the SMP partner with Penn's professional schools of Dental Medicine, Nursing, Engineering, and the Perelman School of Medicine to gain first-hand experience in STEM disciplines and explore a variety of academic and career opportunities.

www.vpul.upenn.edu/eap/smp/

DATES
JULY 28 - AUGUST 1
APPLICATION DEADLINE
APRIL 1
GRADE LEVEL ELIGIBILITY
6TH - 8TH

Girls in Engineering Math and Science Camp

School of Engineering and Applied Science

During a week of hands-on science, math, and engineering activities, girls in GEMS explore topics including bioengineering, nanotechnology, materials science, mechanical engineering, graphics, and computing.

www.seas.upenn.edu/awe/gems/

DATES
AUGUST 18 - 22
APPLICATION DEADLINE
MAY 1
GRADE LEVEL ELIGIBILITY
5TH - 8TH

Penn InnoWorks

School of Engineering and Applied Science

Through innovative workshops and demonstrations, students will learn the basics of science in the world around them, with the hope of inspiring them to pursue STEM-related interests and careers.

<http://www.innoworks.org>