The Greater Philadelphia STEM Center Summer Camp Presents

STEM Makers CAMP

Free!
2 Sessions to Pick From

- Mon thru Thurs (9a-4p)
  6/20/22 - 7/14/22
- Mon thru Thurs (9a-4p)
  7/18/22 - 8/11/22

Apply Now! Visit us at stem.cst.temple.edu

Temple University Main Campus

Apply Now! Deadline to apply is May 13, 2022

Big Data
Physical Science
Robotics
Integrated STEM Activities
STEM Challenges
3D Printing
Laser Printing
Virtual Reality
Program Information
The Greater Philadelphia STEM Center (GPSC) Summer Camp is a 4-week day camp that provides activities, experiments, projects, and field experiences for students entering 6th, 7th, or 8th grade in the fall of 2022. Students attend the camp free of charge. The camp aims to increase awareness and interest in STEM careers, particularly in coding, engineering, and national security, and defense. This camp will encourage students to see themselves as college students and in scientific careers through college campus exposure and interactions with scientists and engineers.

Theme
STEM Makers Camp - Innovating and Developing Prototypes for Our Future

Curriculum Overview
We live in a global community, constantly changing and frequently challenging. For the challenges that currently exist and the changes that are sure to come, the US needs a nimble workforce of STEM innovators and entrepreneurs. To create and design new products, develop better devices, and make fully informed decisions, students need to understand the role of STEM and big data in the world. In this camp experience, students will use STEM content to support product design and improvement with specific attention to ROVs, gliders, and machines. Students will design and create prototypes while learning technologies that include digital die-cutting, 3D printing and laser printing. Data science applications will help students navigate the world of big data in which they live. Students will use data analytics to inform and study real STEM problems and challenges. Students will compete in a culminating STEM Challenge Day, racing robots and racecars, generating electricity, and more!

Location, Dates, & Times
The GPSC Summer Camp Meets Mondays Through Thursdays from 9:00am to 4:00pm at Temple University’s Main Campus. Selected applicants will be invited to attend one of two sessions available.

Session I - June 20, 2022 through July 14, 2022 Or Session II – July 18, 2022 through August 11, 2022
(Please Note: The program does not meet July 4, 2022)

Participant Eligibility
➢ Students currently in 5th, 6th, or 7th grade must have an interest in science and mathematics
➢ Students must have at least a B average in science and mathematics courses
➢ Students must have a passing score on standardized science and mathematics tests
➢ Students must reside in the Greater Philadelphia Metropolitan Area

Application Process
✓ Parent/Guardian and student complete the online student application form located at: https://tinyurl.com/2022GPSCAPP

Please note: In order to complete the online application parent/guardian and student will be asked to submit (1) student information, (2) parent/guardian information, (3) 250-word student-written essay, and (4) a copy of the student’s records.
✓ Parent/Guardian or student gives a recommendation link/form located at: https://tinyurl.com/2022GPSCREC

To the student’s current teacher, coach, or religious figure and this person submits the completed form via the directions given on the form.

All requested documents are due by the deadline date, MAY 13, 2022. If all requested documents are not received by the deadline date, the application will not be considered. You will receive notification on the status of the application no later than JUNE 3, 2022. If you have questions or need additional information, please contact us at stem.ed@temple.edu.