



2019 MakerSpace Summer Camps @ Schuylkill IU29

Half-Day Summer Camps - Attend 2 half-day sessions at a discounted rate.
(for students entering the designated grades for the 2019-2020 school year)

Explore Engineering: Girls in Engineering

June 17-20, 2019 8:30-11:30 AM

Grades 5-8 (Girls only)

Campers have the opportunity to explore engineering through a variety of hands-on experiments. Using creativity and logic, campers will participate in mini-challenges using the Engineering Design Process. On the last day of camp, participants will be given the opportunity to talk with current women engineers. Campers will be able to ask questions as well as showcase their designs from the week.

Computer Science (CS) Exploration

June 17-20, 2019 12:00-3:00 PM

Grades 5-8

Campers are introduced to introductory computer science concepts through the CS First curriculum. Students learn through instructional videos, peer-to-peer learning and independent problem solving. Computer Science topics covered include: broadcasting, variables, events, control, randomness, loops and conditions. No prior experience with computer science is needed.

Literacy and STEM: Explore STEM

June 24-27, 2019 9:00-10:30 AM

Grades K-2

During the 4 day, 1.5 hour sessions, campers listen to the story from a favorite picture book. Campers will then complete daily STEM design challenges that accompany the story. Using their creativity, and design skills, campers will collaborate with peers to increase their problem solving skills in this hands-on camp.

Creative Coding

July 8-11, 2019 8:30-11:30 AM

Grades 3-5

Join us for this introduction to coding! Campers utilize Ozobots® to gain an understanding of writing code. In addition, campers will work with Sphero® robots through various challenges to continue building their understanding of programming. This camp is an introduction for students. No prior experience with coding is necessary.

Movie Magic

July 15-18, 2019 8:30-11:30 AM

Grades 5-8

Students will create short films using stop motion animation, special effects, and green screens. The students will begin by mapping their ideas on a storyboard, then quickly move to creating short films that they can share with family and friends! Returning campers will be introduced to new techniques.

Nature's Fury: EV3 Programming

July 15-18, 2019 12:00-3:00 PM

Grades 5-8

Join us for hands-on robotics challenges focused on rescue in the fury of nature's storms! In small teams, campers will learn to build and program a LEGO® Mindstorm EV3 robot that will be able to carry out specific tasks. Each day campers will add more attachments and write new programs to accomplish additional tasks.

All sessions are held at
Schuylkill Intermediate
Unit 29 Maple Avenue
Campus MakerSpace.

17 Maple Avenue
Mar Lin, PA 17951

Lunch is not provided.
Students may bring their
own lunch, if staying for
2 sessions.

To register, visit:
www.iu29.org/camp
or scan the QR code:



Schuylkill
Intermediate
Unit 29
Serving the Needs of Education

Early bird pricing is \$80 for each camp or \$150 for 2 camps if registered by March 29, 2019.
Prices increase effective March 30, 2019. Each camp will be \$90 to attend; \$160 if registering for 2 camps.

Early bird price (Literacy and STEM Camp: Explore STEM) is \$40 if registered by March 29, 2019.
Prices increase effective March 30, 2019. Camp cost will be \$45.

Registration ends June 1, 2019. Spots are limited! Reserve your spot now!

Questions?? Contact Annie Milewski at milee@iu29.org or call (570) 544-9131 x1227.