



Pittsburgh Robotics with the Heinz History Center

Come discover recent innovations in modular robotics using Cubelets.

2/19
Lebo Schools
Closed!

1st through 5th grade



Digital Animation with Pittsburgh Center for the Arts

Dive into the fascinating world of animation with Adobe Animate!

March 6, 8, 13, 15

6th through 8th grade
Must attend all four sessions.



Drawing and Painting series with Pittsburgh Center for the Arts

Explore classic and contemporary art-making techniques while exploring diverse media.

Saturdays in April

4th & 5th grade



Robots with Carnegie Science Center

Discovery binary code and learn how to communicate with your fellow "robots" to get the job done!

5/15
Lebo Schools
Closed!

K through 6th grade



Mt. Lebanon Library Summer Reading Kickoff

The Children's Museum will be stopping by our Summer Kickoff. Come make a Drawbot!

June, date TBD

All ages

Learn to Code with Axios Code Camp

A week-long coding camp.

6/25 through 6/29

3rd through 5th grade
Must attend all five sessions.



Metalsmithing Artist Residency Project with Pittsburgh Center for the Arts

Experience the excitement of metalsmithing and jewelry making this summer at Mt. Lebanon Public Library.

7/16 through 7/27

Entering 8th and 9th grades
Must attend all ten sessions.

Math Lab

A 4-day math camp with math games such as 24 and more!

7/30 - 8/2

5th & 6th grade
Must attend all four sessions.

Mini Math Mites

A 3-day math camp where you'll jump over laser beams, chase pirates, and more!

8/7 through 8/9

2nd through 4th grade
Must attend all three sessions.



Pinhole Photography with The Manchester Craftsman's Guild

In this workshop you'll learn to make your very own pinhole camera. You will then take some awesome images with it and develop them in a traditional dark room.

8/13 at the library
8/14 field trip to Manchester Craftman's Guild

Entering 6th through 8th grade.
Must attend both days.



Raku Workshop with The Manchester Craftsman's Guild

This workshop will begin by learning some hand-building techniques that you will use to create ceramic art. Next you will glaze your work. And finally you will engage in the most exciting process, the Raku firing!

8/15 at the library
8/22 field trip to Manchester Craftsman's Guild.

Entering 6th grade
Must attend both days.



Rapid Prototyping with Heinz History Center

Explore the story of George Westinghouse as he raced against time to create a lightbulb that would light the World's Fair for the first time.

August 22

1st through 5th grade



Monster Mash

Invent monstrous, fantastical, or just silly creations through sculptural forms. Be inspired by books and your own imagination as you bring your creatures to life.

10/20

Ages 5-7



Synthesizers, Samples, and Soundtracks with Pittsburgh Center for the Arts

Learn how to make an instrument out of anything! Explore the science of sound using magnetic circuitry to design and build your own unique musical instruments. Then learn how to record your instruments, make sound effects and remixes!

11/6, 11/8, 11/13

3rd through 5th grade
Must attend all three sessions.



Intro to Coding with Pittsburgh Center for the Arts

Explore the logic of coding! In this class, you'll build a game using Scratch, then practice scripting in the Terminal using Javascript, one of the most popular computer programming languages used today. Must be able to attend all four sessions.

12/3, 12/5, 12/10, 12/12

6th through 8th grade
Must attend all four sessions.



Chemical Concoctions with Carnegie Science Center

Stir up some concoctions like silly putty and chalk to take home!

12/28

K through 3rd Grade



A Maketacular Year at **MT. LEBANON PUBLIC LIBRARY!**

In 2018, Matt's Maker Space is funding a Year of Making at the library. This funding will allow the library to provide collaborative programming with local organizations such as; Pittsburgh Center for the Arts/Pittsburgh Filmmakers, Manchester Craftsmen's Guild, Heinz History Center, the Carnegie Science Center and the Children's Museum of Pittsburgh. These programs will explore the components of STEAM (Science, Technology, Engineering, Art, Math) for children in grades K-8. Middle schoolers will have a chance to create digital animation, design apps, build raku-fired pottery, develop film from pinhole cameras, or enroll in a 10-day artist-in-residency program in metalsmithing.

Elementary-age children will explore robotics, learn the fundamentals of drawing and painting, have fun with math and chemistry, learn how to code, and create music with Garage Band software.

Programs will range from multi-part workshops to one-time events. They will take place after school, on in-service days, and in the summer.

This Maketacular Year is funded by a grant from Matt's Maker Space, a local non profit founded by the Conover family in memory of their son, Matt, who loved to make and create.

For more info and to register for programs go to www.mtlebanonlibrary.org/2018MakerPrograms