

## What is in the TMCPL Maker Lab?

The Maker Lab currently houses 3D printers and a 3D scanner, a laser cutter, a vinyl printer, CNC milling and routing machines, soldering stations, a sublimation print station and press, embroidery and sewing machines, an electronic cutter, an engraver, a UV printer, an audio recording studio, hand tools, safety gear, and more.

It is a DIY space where people can craft hands-on projects while sharing ideas, equipment, and knowledge.

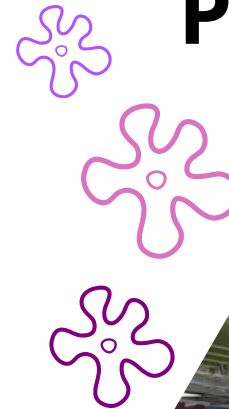
We are excited to be offering programs for kids, teens, and adults in our lab this winter! More information and program registration can be found on our website at <https://www.tmcpl.org/libcal>.

Please contact the Maker lab at (937) 703-4275 with any questions.



# Maker Lab Programs

Spring 2024



## Contact Us



Web:  
[www.tmcpl.org](http://www.tmcpl.org)



Phone:  
(937)703-4275



Address:  
510 W. Water Street, 2nd Floor



\*A library card and signed waiver are required by participants (by a parent or guardian for minors) for entry to the Maker Lab and to attend programs. Pre-sign your waiver at [www.tmcpl.org](http://www.tmcpl.org) or use the QR Code below.



### **BREAKERSPACE: TAKING THINGS APART FOR FUN!**

Dissect nonfunctional machines, electronics, and/or everyday household objects to explore how these items work in the Maker Lab! No registration is required.

For school-aged (grades 3-5) and teens (grades 6-12)

**Thursdays • 3:30 - 4:30 p.m.**  
**Mar 28, May 9**

### **CARDBOARD CREATIONS**

Construct a 3-dimensional cardboard project. Enjoy a different theme every month. No experience necessary! No registration is required.

For school-aged (grades 3-5) and teens (grades 6-12)

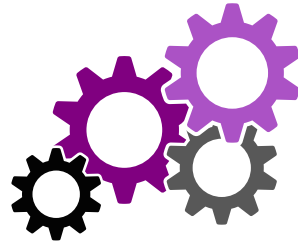
**Thursdays • 3:30 - 4:30 p.m.**  
**Apr 4, May 16**

### **ENGINEERING CHALLENGE**

Use problem-solving skills to tackle an engineering challenge in the Maker Lab! No registration is required.

For school-aged (grades 3-5) and teens (grades 6-12)

**Thursdays • 3:30 - 4:30 p.m.**  
**Apr 11, May 23**



### **MAKER LAB TRAINING: SOFTWARE**

Explore and learn about the software available in the Maker Lab.

► Registration is required. Please reserve a spot beginning two weeks before each session at [www.tmcpl.org/libcal](http://www.tmcpl.org/libcal)

For teens (grades 6-12) and adults.

\*\*A basic understanding of how to use the internet, a mouse, and a keyboard are required.

**Thursdays • 3:30 - 4:30 p.m.**  
**Apr 18, May 30**

### **INTRO TO SOLDERING**

Learn about soldering and create a simple project. No experience is needed!

► Registration is required. Please reserve a spot beginning two weeks before each session at [www.tmcpl.org/libcal](http://www.tmcpl.org/libcal)

For teens (grades 6-12) and adults.

**Thursdays • 3:30 - 4:30 p.m.**  
**April 25**

### **INTRO TO TINKERCAD**

An introduction to the free web-based software TinkerCad. Patrons will learn the basics of TinkerCad by designing a gadget during the class. in the Maker Lab! No experience is needed!

► Registration is required. Please reserve a spot beginning two weeks before each session at [www.tmcpl.org/libcal](http://www.tmcpl.org/libcal)

For teens (grades 6-12) and adults.

\*\*A basic understanding of how to use the internet, a mouse, and a keyboard are required.

**Thursdays • 3:30 - 4:30 p.m.**  
**May 2**