

S.T.E.A.M. POWERED FUTURE

3D PRINTER

explore.discover.connect



make your dreams reality
what will you create?

Antonio, the Makerspace Librarian,

has implemented a volunteer program surrounding 3D printing called Maker Mentors. The group currently has 8 members whose focus is to help others learn, create, and share 3D models and designs. In August, Foster Library hosted the first ever volunteer-run public program on 3D printing – seven participants, ranging from ages 8 to 57, dropped in to learn about the emerging technology from local Maker Mentor experts.

The hope is to continue this type of collaborative skill-building in the makerspace. Applications can be found on the library's website or simply email Antonio for details Antonio.Apodaca@ventura.org.

Also in August, makerspace tools and tech were on full display for students of Cabrillo Middle School. Over 40 tweens and teens visited the library and took part in work stations centered on STEAM concepts (science, technology, engineering, art, and math). The zones included robotics, computer coding, 3D printing, and electronic circuitry. The entire second floor was buzzing with creativity as an exciting partnership between the library and our local middle school came to life!

Makerspaces are a new trend for public libraries, but have been around as long as people have been sharing ideas and making things. The library is building on that concept, offering a physical place for people of all ages to share ideas and use creative technology, such as our laser 3D printers. Makerspaces are part DIY projects (Do It Yourself), part S.T.E.A.M practice (Science, Technology, Engineering, Art, Mathematics) and part community involvement.

The Library LAB Open Workshop is available in E.P. Foster Library on Wednesday evenings to learn more about our 3D printer and laser cutter—or to use them yourself! Ask the library staff about what you need to bring to drop in to see what we're up to in our library makers.

Fall Break 3D Printer Design

Thursday, October 27, 2016, 3:30 pm to 5:00 pm

Explore 3D Printer design during fall break at the 2nd Floor computer lab at E.P. Foster Library.

MAKESTUFF

IN VENTURA

Join our Makerspace Librarian
at E.P. Foster and Avenue Libraries for these special makerspace events!

All from 3:30 - 5:00 PM

Camouflage an animal: Using crayons and an animal cutout.



E.P. Foster	Avenue
Tuesday	Thursday
10/04 & 11/15	09/20 & 11/22

Build a Wind Powered Sailboat: Aluminum foil, straws, and tape.



E.P. Foster	Avenue
Tuesday	Thursday
10/18 & 11/29	10/18

Make a Wave Machine: Tape, skewers, and clothes pins.



E.P. Foster	Avenue
Tuesday	Thursday
11/01 & 12/13	11/08



Makerboxes in Ventura for tweens and teens

Sew your own led circuit

Saticoy Library:

Tuesday, October 11, 3:30 to 5:00 pm

E.P. Foster Library: Thursday, October 13, 3:30 to 5:00

Experiment with Makey Makey

Saticoy Library: Tuesday, November 8, 3:30 to 5:00 pm

E.P. Foster Library: Thursday, November 10, 3:30 to 5:00 pm