Spark Studio - Things You Need to Know!

Welcome to the Eagle Valley LIbrary District's Spark Studio, a makerspace designed for learning, exploring, and creating.

The [EVLD Spark Studio](#) is a makerspace or collection of tools, hardware, and software. Like our lending library these items are available for public use. Unlike our lending library materials, Spark Studio items do not leave the Eagle Public Library, and the paid software is only available on Spark Studio devices.

The idea behind our makerspace is to help you help yourself. Experiential learning, or exploring and learning by doing, is what this space and tools are all about. Generally, we provide equipment not everyone has, or has access to otherwise. You are welcome to use these tools to try and figure things out on your own, learn new skills and complete projects through trial and error, watching video tutorials, and reading what others have tried.

If you have tried the tools, software, etc. for your project, sought advice from experienced users and are still completely stuck, we will do our best to get you over the obstacle and answer questions.

Please fill out our *[Spark Studio Request Form](#)*, describing your request for help in detail and a staff member best suited to assist you will contact you to schedule a one-on-one appointment. Please understand that not all staff members are experts with every tool in the makerspace and you will not be able to get assistance without scheduling a time with a Librarian. We are learning as we go just as you are!

Children 5 to 14 may only be in the room with an adult who has agreed to be responsible for the child. That adult must be in the makerspace with their minor. Minors 15-17 may use the room alone if their parent or guardian has signed the *Spark Studio [Release Waiver](#)*.

Before you begin, you must sign the Spark Studio Release Waiver

After you sign the [Release Waiver](#), you will receive a Spark Studio access pass that you will need to bring and show to the desk staff in order to be admitted into the Spark Studio. If you have successfully completed safety training for the 3d printer or laser cutter that will be indicated on your Spark Studio access pass.

The Really Important Stuff!

The only exceptions to our philosophy of experiential learning are:
- 3D printer
- Laser cutting and etching tool

To use this equipment, you must first attend a safety training with one of our Librarians. The 3D printer and Glowforge Pro cutting and etching tool are the only tools we provide safety training for. Please use the *[Spark Studio](#) [Training Request Form](#)* to request the required safety training. Plan on 30 minutes to an hour for the training (depending on which piece(s) of equipment and your current level of familiarity with this equipment). After successfully completing the training, you will be able to schedule Spark Studio use over the phone and use the equipment on your own (adults, or with your guardian), and your access pass will indicate your training. Walk-ins

without appointment are usually welcomed, however; particular equipment may already be in use without an appointment.

Spark Studio devices mid project cannot be left unattended. When using the 3D printer or Glowforge if you need to leave the Spark Studio for any reason, pause your print, or cancel your job before leaving.

Privacy and Storage

Because of patron privacy protections on EVLD devices, your work will not be saved on the Spark Studio computers once you have logged off and it will not be retrievable. Please save all your work to an external drive that you bring, or to a cloud service that you subscribe to (Dropbox, Microsoft One Drive, etc.)

If you do not have one of these storage solutions, or you need more space, you may purchase USB flash drives to save your work. $5.00 for a 2 gigabyte drive and $10 for 8 gigabytes at a Library service desk.

You may also check out a terabyte external drive from the Library of Things, if it is available. This drive can be checked out using an EVLD library card, used to save your work and then take it home to transfer it to your own computer, device, or other storage. Like other Library of Things items the terabyte must be returned within 7 days.

Please help to protect the Spark Studio equipment, no food is ever allowed and only sealed beverage containers are allowed in the space. *If you can turn it upside down and not have anything spill it is allowed.*

Hours

EVLD Spark Studio is open when the Eagle Public Library is open. The studio closes 30 minutes before the library closes.

Spark Studio Hours
10am-7:30pm Monday through Thursday,
10am-4:30pm Friday and Saturday,
1-4:30pm on Sundays.

The makerspace may be reserved up to two weeks in advance for time blocks of up to three hours. *If you find that your project will take longer, check with the nearest service desk to see if accommodations can be made.* The Spark Studio is closed during regular library holiday closings. To reserve a time, please call 970-328-8800. When it is not reserved, the Spark Stuid is available on a drop-in, first come, first served basis.

Costs

EVLD does not provide consumables for most of our tools. The exceptions are the Thermal laminator, Canon printer which requires Canon printables, and the 3D printer which prints in 2.85 mm PLA filament. There is no charge to use the computers or other equipment but there are charges for actual materials used for the laminator, 3D printer and Canon professional photo printer:

3D filament:

- Donations are appreciated for PLA (basic filament) printing
- Other (non-PLA) filament is $.10 priced per gram and the price is shown on our filament examples box

Photo printing:
- 4×6-$1.25
- 5×7-$1.75
- 8×10-$4.00
- 8.5×11-$4.75
- 13×19-$7.50
- 17×22-$9.00

USB thumb drive storage:
- 2 gigabyte-$5.00
- 8 gigabyte-$10.00

Thermal Laminating Sleeves:
- 8.5×11-$.15

What We Have!
Apple Magic Trackpad
BCN3D Epsilon w50 3D Printer
Canon ProGRAF Pro-1000 Printer
Cassio Keyboard
Cinch punch and book binding tool
Dragon Frame remote and dedicated Canon Camera
Electric die cut Brother Scan'N'Cut 2 (and mats)
Electric die cut Cricut Maker, and Maker 3 (and mats and tips)
Electric die cut Silhouette Cameo
External floppy disc reader
Glowforge Pro laser cutting and etching tool
Joué Play
LED Light box
Matter and Form 3D scanner
Revopoint POP 3D scanner
Cords and USB ports for uploading and charging
Microphones, stands, and accessories including a boom microphone arm and plosive
Arts and crafts tools; pencils, squares, markers, glue guns, glue sticks, and rubber cement
Drafting, cropping and cutting tools; rulers, squares, sliding paper trimmer and templates
Headphones
Epson flatbed document and photo scanner
Scotch Thermal Laminator
Tablets and digital stylus (Bamboo, Iskn)
Wolverine Titan Film to Digital Converter
Wolverine 8mm Super 8 Digital Converter
Xacto basic set
VCR & Elgato for digital conversion
Yamaha silent strings guitar

Yama silent strings violin

3 computers:
Righty - Maingear desktop PC
Andy
Blender
Cricut Premium Access
Dragonframe
GIMP
GIS
Glowforge Premium Access
Handbrake
Janome Design
Office
Opentoonz
Stratos
VLC Media Player

Lefty - Maingear desktop PC
Adobe Creative Suite
Andy
Audacity
Blender
Cricut Premium Access
Elgato
GIMP
Glowforge Premium Access
Andy
Audacity
Blender
GIMP
Handbrake
Office
Opentoonz
Stratos
VLC Media Player

MAC - Apple Mac Studio desktop
Adobe Creative Suite
Stratos
GarageBand
FaceTime
Freeform
iMovie
Keynote

Numbers
Pages
Photo Booth
TextEdit
Audio MIDI Setup
And so much more!

Spark Studio Items don't leave the Library. Checkout EVLD's Library of Things for cameras, a green screen kit, and other circulating items:
These items checkout for 7 days, and accrue $1 a day late fines, cost of item plus $5 processing fee for lost items, $5 for lost cords/cables/memory cards*.

Please initial that you have read and understand this document. _____.