

**FREE STUFF TO DO any time at Idea Studio**

**littleBits**

Easy-to-use electronic, snap-together building blocks that let you to invent anything from a remote-controlled car to a smarthome device. No soldering, wiring or programming needed.

**Lego**

Classic and architecture-style building blocks.

**Crafternoon on Demand: Kilobyte Couture**

Create stylish jewelry using electronic components.

**Crafternoon on Demand: Fabric Scrap Key Chain**

Materials on hand to sew a unique key chain. *Must be badged on the sewing machine.*

**Crafternoon on Demand: T-shirt Market Tote**

Provide your own upcycled heavy-duty T-shirt to cut and one-seam serge into a reusable tote bag. *Must be badged on the serger.*

**Crafternoon on Demand: Paper Fan Flower**

Folded book pages become a hanging or stemmed decoration.

**Community Art: Build-A-Zine on Making**

Contribute a page to our community zine about making. Zines are hand-made magazines usually photocopied in black and white. Add anything you like: art, poetry, prose, coloring sheet, collage, quiz, recipe ... you name it. Your page should express your feelings about making: What do you make? What does making mean to you?



**HOURS**

**MON-THU 3-8 PM**

**FRI 3-6 PM**

**2ND & 4TH SAT 9 AM- 4 PM**

Badging sessions schedule at [fdlp.org](http://fdlp.org), click Calendar

Follow us on Facebook & Instagram: **Idea Studio FDLPL**

Sign up for our newsletter & more info at [fdlpl.org/ideastudio](http://fdlpl.org/ideastudio)



**menu**

EQUIPMENT at Idea Studio	BADGE REQUIRED	MUST RESERVE	FEE FOR SUPPLIES
<b>3-D printer: Makerbot Replicator 2</b> Print 3-D objects in PLA plastic. Must remain present while printing.	X		
<b>3-D scanner:</b> Structure 3-D sensor scans objects and people to generate 3-D models that can be used for 3-D printing and other purposes.	X		
<b>Recording and production studio</b> Record or edit music, interviews, podcasts or other media.	X	Reservations available, but not required	
<b>Serger: Janome MyLock 634D</b> Specialized sewing machine that trims seam allowance fabric as it sews an overlock stitch.	X		
<b>Sewing machine: Janome Schoolmate</b> Basic all-purpose sewing machine.	X		25¢ for bobbin, if needed
<b>Silhouette cutter</b> Cuts letters, designs and shapes out of vinyl, paper and other materials.	X		75¢ 12 x 12-inch vinyl sheet
<b>Button maker</b> Create 2¼-inch buttons from your own artwork. Templates available upon request.			25¢ per button
<b>Comb binding machine</b> Bind pages to make a book.			50¢ 1 & 1.5-inch black or 1-inch white

<b>EQUIPMENT at Idea Studio</b>	<b>BADGE REQUIRED</b>	<b>MUST RESERVE</b>
<b>Carvey (CNC) machine</b> 3-D carving machine and software. Carves designs into a variety of materials.	X	
<b>Laser engraver/cutter</b> Engrave or cut a variety of materials using original or downloaded designs. <i>By appointment only, and only usable under Idea Studio staff supervision.</i>	X	X

#### **FEES FOR CARVEY/LASER SUPPLIES PER PIECE UNLESS NOTED OTHERWISE**

	<b>FEE FOR SUPPLIES</b>	<b>CARVEY</b>	<b>LASER</b>
White foam core 8 x 12 x 0.5	\$1.50	X	
Green high-density polyethylene (HDPE) 8 x 12 x 0.5	\$7	X	
Black on white HDPE 6 x 6 x 0.25	\$2.50	X	
White on green HDPE 6 x 6 x 0.25	\$2.50	X	
White on black HDPE 6 x 6 x 0.25	\$2.50	X	
Black on white HDPE 8 x 12 x 0.25	\$5	X	
White on green HDPE 8 x 12 x 0.25	\$5	X	
White on black HDPE 8 x 12 x 0.25	\$5	X	
Linoleum 2 x 3	\$1.50	X	
Linoleum 4 x 6	\$3	X	
Birch plywood 8 x 12 x 0.5	\$4	X	X
Circuit board FR-1 blanks, one-sided 2 x 3	50¢	X	X
Green acrylic sheet 8 x 12 x 0.125	\$6.50	X	X
Bottle opener kit (makes 10)	\$9	X	X
Loose bottle-opener wood blanks	\$1	X	X
Gray medium-density fiberboard (MDF) 12 x 12 x 0.375	\$12	X	X
Wood MDF 8 x 12 x 0.25	\$3	X	X
Wood MDF 8 x 12 x 0.75	\$7.50	X	X
Green on white acrylic sheet 8 x 12 x 0.03	\$7.50		X
Silver on black acrylic sheet 8 x 12 x 0.03	\$7.50		X
Brown chipboard pads 9 x 12 x 0.22	25¢		X

All measurements = height x width x depth in inches

**FDL PUBLIC LIBRARY EQUIPMENT** available for checkout at the Main Desk with your library card. *All but the computer projector & portable screen are available for 21-day checkout.*

#### **Computer projector**

Hooks up to computer to project presentations, movies, etc. 7-day checkout.

#### **Portable screen**

70-inch portable screen on a tripod. 7-day checkout.

#### **Kano Kits**

A computer you can build and code yourself built on Raspberry Pi mini computer.

#### **Makey Makey Kits**

'Invention kits' turn everyday objects into keyboards, game controllers, musical instruments & more.

#### **Lytro camera**

Pocket-sized camera lets you shoot first, focus later.

#### **Arduino kits**

Mini computers that can function as the brains in everything from drones to Christmas lights.

#### **Playaway Launchpad**

Tablets for kids with ad-free learning apps.

#### **Video recorders**

HD video recorder, USB cord, windscreen, tripod, AC adapter & SC card.

#### **Slide projector**

Kodak carousel slide projector, 2 trays, remote control & instructions.

#### **Kill-A-Watt meter**

Monitors home appliances' electric consumption.

#### **E-readers**

Nooks and Kindles pre-loaded with e-books. Separate e-readers for kids, teens & adults.

#### **Overhead projector**

Displays transparencies on a screen.

#### **Bike locks**

Lock on steel cable with a key.

## **BORROWING EQUIPMENT**

Valid FDL Public Library account required; children 16 & under must have a parent's or guardian's signature.

Overdue fees are \$1 a day, with charges for missing pieces or parts.

Equipment includes instructions and, in some cases, product guides and ideas. Some of the equipment requires software to be downloaded on the home computer.

Library customers can place holds on equipment just like any library item through the online catalog at [www.fdlpl.org](http://www.fdlpl.org) or by calling the Help Desk at (920) 322-3929.

The kits are kept at the Main Library downtown but can be shipped for pickup at FDLPL Express.