

WHAT'S IN YOUR COMMUNITY'S DREAM MAKERSPACE?

STITCHING/FASHION

- Knitting/Crochet
- Sewing
- Needlepoint/Crewel
- Ribbon embroidery
- Cross stitch
- Stitchery
- Quiltmaking
- Tailoring
- Patternmaking
- T-shirt refashioning /
Project Runway challenges /
Hacking fashion
- E-Textiles
- Sewing machine
- Embroidery machine
- Serger
- Hand puppets
- Spinning
- Freezer paper t-shirt stencils
- Fabric Printing: Spoonflower.com
or GreenParkStudios.com
- T-shirt stenciling

PAPER

- Origami
- Quilling
- Paper airplanes and gliders
- Giftwrapping
- Hand-drawn comics
- Cardboard box creations
- Scrapbooking
- Collage
- Decoupage
- Silhouette/Cricut machine
- Shadow puppets

AUDIO/MUSIC PRODUCTION

- Finalemusic.com
- LittleBits/KORG music kit
- Music Tools (see
aadl.org/musictools)
- Garage Band
- Audacity
- Podcasting apps
- Flat (flat.io) collab. music
- Chrome Music Lab
(<http://g.co/musiclab>)

CIRCUITS

- Snap Circuits
- Squishy Circuits
- Little Bits
- Circuit Blocks
(cippgh.org/circuit-blocks)
- Tech Box Tricks (seed.cc)
- Wio for IoT
- Conductive ink
- Copper tape circuits

APPS, SOFTWARE, AND WEB-BASED TOOLS

- Animation
(e.g., GoAnimate.com,
Xtranormal.com)
- Comics-making
(e.g., Pixton.com,
MakeBeliefComix.com)
- Photo editing (e.g., Picmonkey.com,
Pixlr.com)
- Stop-Motion animation
(e.g., MyCreate app)

VIDEO PRODUCTION

- Production Room
- Green Screen
- MovieMaker
- iMovie
- FinalCut Pro
- Convert VHS -> DVD or digital

GRAPHIC DESIGN

- Canva.com
- GIMP/Photoshop
- Inkscape/Illustrator
- Adobe InDesign
- Web Design

PROGRAMMING/CODING/ROBOTS

- HTML
- Python
- Java
- Scratch.mit.edu
- Scratch Jr. app
- Hopscotch or Kodeable app
- Daisy the Dinosaur app
- Arduino microcontrollers
- Raspberry Pi minicomputers
- LEGO Mindstorm, WeDo
- MaKey MaKey
- Dash & Dot robots
(makewonder.com)
- Ozobot
- Sphero
- FIRST Robotics
- Vex

MORE SCIENCE

- Make your own musical
instruments
- Paper airplane trajectories
- Make your own speaker
- Junk box challenges
- Design your own bubble wand
- Microscopes, telescopes
- Magnifying glasses
- Hydroponics
- Science Olympiad Teams

COOKING

- Kitchen Knives 101
- Make fresh salsa
- Make smoothies
- Cookie decorating
- Cake decorating
- Freezer jam

WRITING

- Choose Your Own Adventure
- Six-word memoir
- Story Cubes
- NaNoWriMo, PiBoIdMo
- Blogging & Web Design
- Google Docs -> Export as ePub
- DIY Publishing: Lulu, CreateSpace,
Smashwords, Scribd.com, Espresso
Book Machine

3D MODELING AND PRINTING

- 3Doodler pen
- 3D printer
- AutoDesk 123Design
- Tinkercad.com
- Sketchup.com
- Maya or Blender software
- Jewelry Design
- Thingiverse.com Customizer
- <http://n-e-r-v-o-u-s.com/labs/>
- cookiecaster.com
- embossify.com

GARDENING

- Seed exchange
- Bonsai pruning
- Flower arranging
- Tool exchange

MISC.

- Rubber band bracelets
- Shrinky Dinks
- Duct tape wallets
- Marshmallow launchers
- Junk box challenges
- Art boxes
- Candle making
- LEGO / K'Nex / Lincoln Logs
- Tinkertoys
- Decorative painting
- Furniture refinishing
- Letterpress
- Printmaking
- Photography & photo editing
- Etching with Silhouette/Cricut
stencils
- CNC router, laser cutter, StepCraft