

# WHAT'S IN YOUR STUDENTS' DREAM MAKERSPACE?

## STITCHING

- Knitting
- Crochet
- Sewing
- Needlepoint
- Ribbon embroidery
- Crewel
- Cross stich
- Crewel
- Stitchery
- Quiltmaking
- Tailoring
- Patternmaking
- T-shirt refashioning /  
*Project Runway* challenges /  
Hacking fashion
- E-Textiles
- Sewing machine
- Embroidery machine
- Serger
- Hand puppets
- Spinning

## PAPER

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

## AUDIO/MUSIC PRODUCTION

- Finalemusic.com
- Little Bits/KORG electronic  
music kit
- Music Tools (see  
[aadl.org/musictools](http://aadl.org/musictools))
- Garage Band
- Audacity

## CIRCUITS

- Snap Circuits
- Squishy Circuits
- Little Bits

## 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

## GRAPHIC DESIGN

- Canva.com
- GIMP
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign

## PROGRAMMING/CODING

- HTML
- Python
- Java
- Scratch.mit.edu
- Scratch Jr. app
- Arduino microcontrollers
- Raspberry Pi minicomputers
- LEGO Mindstorm
- MaKey MaKey

## SCIENCE

- Make your own musical  
instruments
- Paper airplane trajectories
- Make your own speaker
- Junk box challenges
- Design your own bubble wand

## COOKING

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

## WRITING

- Choose Your Own Adventure
- Six-word memoir
- NaNoWriMo
- PiBoIdMo
- Espresso Book Machine
- DIY Publishing: Lulu,  
CreateSpace, Smashwords,  
Scribd.com

## 3D MODELING AND PRINTING

- 3Doodler pen
- 3D printer (e.g., MakerBot  
Replicator 2, Cube)
- MakerWare software
- Tinkercad.com
- Sketchup.com
- Maya or Blender software

## MISC.

- Rubber band bracelets
- Shrinky Dinks
- Duct tape wallets
- Marshmallow launchers
- Junk box challenges
- Art boxes
- Candle making
- LEGO pieces
- Decorative painting
- Furniture refinishing
- Letterpress
- Printmaking

## GARDENING

- Seed exchange
- Bonsai pruning
- Flower arranging