

WHAT'S IN YOUR SCHOOL'S DREAM MAKERSPACE?

STITCHING

- Knitting
- Crochet
- Sewing
- Needlepoint
- Ribbon embroidery
- Crewel
- Cross stich
- Crewel
- Stitchery
- Quiltmaking
- Tailoring
- Patternmaking
- T-shirt refashioning / Project Runway challenges
- 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)
- 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
- <http://scratch.mit.edu>
- 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

ROBOTICS

- LEGO Mindstorm
- FIRST Robotics
- Arduino kits

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
- Auto repair
- Bike repair

GARDENING

- Seed exchange
- Bonsai pruning
- Flower arranging

WHAT ELSE?

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