# 114 TIPS TO CREATE A **STEAM MAKERSPACE**





## GET STARTED

- □ Embroidery String □ Cardboard
- ☐ Fabrics/textile swatches
- □ Old telephone wire □ Balloons
- □ Popsicle sticks □ Pipe cleaners
- □ Wire cutters
- ☐ Tennis balls ■ Nuts and bolts
- □ Rubber bands □ Paint ■ Model magic □ Toothpicks □ Straws
- □ Markers ☐ Magnets ☐ Duct Tape □ Wood blocks □ Mod Podge
- □ Scotch tape
- □ Felt
- $\square$  Embroidery hoops □ Old instruments □ Dental floss
  - □ Poster board
  - □ Telphone wire
  - Paper: origami, construction, plain



## DIG **DEEPER**

- ☐ Snap Circuits ☐ Hole Punches
- □ Scissors
- ☐ Copper tape with conductive adhesive □ LEDs
- ☐ Batteries (AAA, AA, CR2032, C, D)
- ☐ Green screen paper

  Zoomy handheld
- microscope □ Microphone/
- ☐ Microphone stand
- □ Chibitronics Qubits ☐ Keva Structures
- □ Spirograph □ 3D Printer □ iPads/Tablets ☐ Sewing machine
- ☐ HUE Animation Studio
- □ K'Nex
- Makey Makeys □ Sphero Ball



## WEB RESOURCES

es that your students can access which will help them find ideas ools and share their work online.

#### GET IDEAS:

- □ CantataLearning.com ■ Makerspace.com
- CREATING:
- dedu.buncee.com □ picmonkey.com
- acanva.com □ piktochart.com
- education.minecraft.net
- SHARING:
- □ creatubbles.com □ web.seesaw.me



### APPS FOR STEAM

- □ Animation Creator
- □ MvStop Action
- ☐ StopMotion Recorder
- □ Garageband □ iMovie
- □ Drawing Desk
- □ EduCreations ☐ Shot Designer
- ☐ Storehouse Visual Storytelling
- ☐ Adobe Voice □ Echograph
- □ Vyclone Film
- Together

  Amaziograph
- □ Morphi
- □ Cardboard



□ Labels

□ Shelving

□ Rolling carts

☐ Checkout system

### FOR YOUR **CONSIDERATION**

## CARTS/STORAGE: ☐ Clear view bins

#### POWER/CHARGING:

- □ Charging stations
- □ Laptop/tablet bins
- □ Cord wrappers
- □ Power strips
- □ Label system
- WORKSPACES:
- □ Collapsible tables
- ☐ Long workbenches☐ Desk groupings
- □ Creating area
- □ Lab tables



## STEAM UNITS OF STUDY

- □ Study/create string art
- with linear equations □ Design a musical instrument
- ☐ Create a new set design

  Animate a story
- ☐ Robotic movement
- □ Explore sound and light waves
- $\ \square$  Microscopy study ☐ Art forgery/chemistry
- □ Architecture unit
- □ Lego Pixelation Wall
  □ Coded Grid Art
- □ Sound Effect Lab
- □ Energy and space
- through movement □ Models, structures
- and sculptures
- ☐ Costume design and wearable art

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