

STEAM & the Maker Mentality for School-Age Youth Resources Links Presented by Amy Koester

Books & Articles

- **Janice Van Cleave** has written numerous books about fun science experiments that make perfect STEAM activities.
bit.ly/JaniceVanCleave
- **Kids Can Press** offers fantastic books, including numerous *123 I Can ...* books, that provide ideas on how to help kids get started on learning new skills. In addition, other non-fiction books support a variety of educational topics. In addition, there are teacher activities ideas that tie to specific books.
kidscanpress.com
- **LibrarySparks' "Gaining STEAM."** This publication from Upstart offers a STEAM column written by Amy Koester each month.
http://librarysparks.com/pdf/librarysparks/2015/lsp_steam_heroesabound_mayjune15.pdf

Non-fiction Book Ideas — Great for tying into lessons on specific subjects

- **Gail Gibbons**
bit.ly/GailGibbons
- **Steve Jenkins**
bit.ly/SteveJenkins
- **Melissa Stewart**
bit.ly/MelissaStewart

Blogs

There are numerous bloggers who share quality ideas on maker ideas. Many of these bloggers provide step-by-step guidance and new programming ideas. Below are our top-picks.

- **Abby the Librarian** by Abby Johnson
abbythelibrarian.com/search/label/steam_programs
- **Never Shushed** by Claudia Haines
nevershushed.com
- **So Tomorrow** by Anne Clark
sotomorrowblog.com
- **Teen Librarian Toolbox** by Karen Jensen, et. al.

teenlibrariantoolbox.com/2013/11/the-pop-up-mobile-makerspace-moment

- **Gadgets, Gizmos, & Goo (G3): The Mad Scientists Club** by the Cheshire (CT) Public Library
cheshirelibraryscience.wordpress.com
- **The Show Me Librarian** by Amy Koester
showmelibrarian.blogspot.com

Websites

Here are some of the websites that Amy uses as inspiration for her programs. These include both sites for ideas as well as places to order supplies and equipment.

- **Steve Spangler Science**
stevespanglerscience.com
- **Little eLit**
littleelit.com
- **Family Engineering**
familyengineering.org
- **Start With a Book**
startwithabook.org
- **Wonderopolis** — Every day, explore a different wonder in the world and read the explanation about it. Offers a nice brainteaser for lessons and activities.
wonderopolis.org
- **Mixing in Math**
mixinginmath.terc.edu
- **Bedtime Math**
bedtimemath.org
- **Make It @ Your Library**
makeitatyourlibrary.org
- **TinkerLab**
tinkerlab.com
- **Pinterest** — Search for STEAM or Library STEAM to get started. You can also visit Demco's Pinterest pages for more ideas.
pinterest.com
pinterest.com/demco
pinterest.com/upstart
pinterest.com/edupress