I’ve compiled some of my best Makerspace resources onto this page. I’ve been researching this topic extensively, and I will continue to add resources as I discover them.

What is the Maker Movement?

- **Thinkers and Tinkers: The Maker Movement** – Fantastic website that goes over the basics of what the Maker Movement is, how it started, and how it can fit in with your school.
- **How the Maker Movement is Transforming Education** – Great article from Gary Stager and Sylvia Martinez about the basics of the Maker Movement and practical ways to bring it into your school.

Great examples of School Makerspaces:

http://renovatedlearning.com/makerspace-resources/
New Jersey High School Getting Creative...

Want to get in touch?
Click on over to my Contact page

Popular posts

- New Milford High School, Laura Fleming
- Ravenswood Makerspace Collaborative, Robert Pronovost (check out this Google Hangout where he talks about his space)
- Curtis Elementary Library, Shawna Ford
- Grand Center Arts Academy

My Makerspace Posts:

- 5 Questions to Ask Yourself When Planning a Makerspace
- What’s a Learning Mess (and why is it awesome)?
- How Students Build Creativity, Collaboration, and Confidence in Makerspaces
- Reflections on our first year of Making
- Our Makerspace Journey
- All my blog posts tagged Makerspaces

Makerspace Wishlists:

- Electronics
- Technology and Robotics

http://renovatedlearning.com/makerspace-resources/
Other resources I’ve curated/created:

- My Makerspace Inspiration Pinterest
- My Makerspace Technology Projects Pinterest
- My Makerspace Arts and Crafts Pinterest
- I’ve also got lots of Pinterest boards that focus on different types of Maker projects
- My Diigo Makerspace list

Blogs to follow:

- Worlds of Learning: Laura Fleming’s blog, a major inspiration for me
- Create, Collaborate, Innovate: Colleen Grave’s blog; my STEAM club students frequently meet virtually with her Maker Monday students
- Barrow Media Center: Andy Plemmons’ blog; in addition to being an all-around awesome librarian, Andy does an amazing job of bringing making into an elementary library
- Attempts at Using Tech Effectively in our Classrooms: Robert Pronovost’s blog about Ravenswood Makerspace
- Teen Librarian Toolbox: Blog run by librarians who work with young adults. They have lots of examples of Maker programs. Check out their Teen Program in a Box page for great inspiration.
- Library as Incubator Project: Blog that focuses on libraries and artists working together
- Make: The people who started it all – there’s amazing project inspiration and ideas on here, as well as lots of free resources

Project ideas & other resources:

- The Maker Education Initiative’s Resource Page: From the people who started it all, this page is an amazing
resource for anyone interested in making in education. From getting started, to tools, to project ideas, this is a great site for Makers.

- **Instructables**: If you want to learn how to do pretty much anything, whether it’s bake a cake or build a roller coaster out of K’nex, you can find it on this website. A great project for students who be to have them document their work and create Instructables on their own projects.

- **Invent to Learn**: Gary Stager and Sylvia Martinez’s website is an amazing resource.

- **Make it @ Your library**: Project database for making in libraries. Easily sortable by age range, cost, size of groups, etc.

- **Library Makers**: Another great library blog with tons of awesome project ideas.

- **Super Sylvia’s Awesome Maker Show**: Sylvia is an amazing inspiration for all Maker kids. She filming her Maker projects around 11, and has all sorts of fabulous videos to inspire young Makers.

- **Cybraryman’s Makerspace Resources page**: Tons of Makerspace links and a list of Twitter handles to follow.

### Twitter:

There’s so many amazing MakerEd educators and companies on Twitter that I couldn’t list them all here. Click the link to go to my [MakerEd Twitter List](http://renovatedlearning.com/makerspace-resources/), which I update as I find more awesome people to follow.

**Hashtags to follow:**

- #makered
- #makerspace
- #makermovement
- #inventtolearn
- #dtk12chat

### Books/Magazines to Read:

- **Make Magazine**: Get a personal subscription and one for your library. The people behind this magazine were making before it was cool. Each issue is packed full of
amazing projects and inspiration.

- **Invent To Learn: Making, Tinkering, and Engineering in the Classroom**: This is the must-read of Maker Education. This book covers everything from the history and pedagogy of making in the classroom to practical steps you can take to get started. It also has a great section on advocacy and research that is an excellent resource for grant writing. [My review here.](http://renovatedlearning.com/makerspace-resources/)

- **Design, Make, Play: Growing the Next Generation of STEM Innovators**: This great book looks at how design and creativity is essential for the success of our students. Each chapter is by a different expert in a different field and features a variety of educational settings, including schools, museums and even playground. [My review here.](http://renovatedlearning.com/makerspace-resources/)

- **Makerspace Playbook** (free pdf!!): From the people at Make, this is a great book to help you get started creating a Makerspace.

- **Make Space: How to Set the Stage for Creative Collaboration**: This book is written more as a resource for how design of physical spaces can make an environment for collaboration. It focuses more on college and office environments, but there are many applications to schools, especially when it comes to creating an environment designed for making and experimentation. [My review here.](http://renovatedlearning.com/makerspace-resources/)

- **The Third Teacher**: This book is focused on how the physical learning environment acts as a third teacher for students. Its focus is quite broad, but it frequently discusses the importance of having flexible spaces, giving kids hands-on learning opportunities, creating space for flow and allows students room for creativity. [My review here.](http://renovatedlearning.com/makerspace-resources/)

- **The Art of Tinkering**

**Videos:**
Caine's Arcade

- **Caine's Arcade**: Inspirational story of a kid who created an entire arcade from cardboard boxes. Great introduction for kids to the Cardboard Challenge.
MaKey MaKey - An Invention Kit for Everyone

MaKey MaKey is a device that turns any conductive material into a key. This video is the best way to show how they work.
What is littleBits?

- **What is littleBits?**  
  A fabulous introduction to littleBits and all the amazing possibilities they hold.

TED Talks
Dale Dougherty: We are makers

- Dale Dougherty's TED Talk: We Are Makers
- Ayah Bedir’s TED Talk on littleBits
- AnnMarie Thomas's TED Talk on Squishy Circuits
- Emily Pilloton's TED Talk on Teaching Design for Change
- Sir Ken Robinson's TED Talk on How School's Kill Creativity

Webinars to watch:

- Transform You Library With Making – my ISTE Librarian’s network webinar
- **Worlds of Making: Establishing a Makerspace in Your School**  – Laura Fleming’s EdCollab webinar
Session Four - Laura Fleming

- littleBits and Library Makerspaces  – webinar by littleBits and guests
Central Florida Makerspaces:

- Orlando Public Library’s Melrose Center
- Tampa Hackerspace
- GulfCoast Makers – organization of Makers who put on the Gulf Coast MakerCon every year
- MOSI’s Idea Zone at the Museum of Science and Industry in Tampa
- The Hive at John F Germany Library in Tampa
- FamiLAB: Orlando’s community Hackerspace
- St Pete Makers

Even more resources:

- Makerspace webinar hand-out: Fabulous Makerspace resource list curated by Colleen Graves, complete with a month-by-month curriculum plan
- Growing Learning Communities through School Libraries and Makerspaces: Presentation by Buffy
Hamilton on Makerspaces and Libraries. Lots of information and resources.

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8 thoughts on “Makerspace Resources”

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Scott Austin
November 17, 2014 at 9:24 pm

My website, http://obrary.com, has free designs that people can download and make. The designs are contributed by the Maker community. Most of the designs are for the Laser Cutter or CNC Router.

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Pingback: Makerspace Resources ~ Renovated Learning ~ by Diana Rendina | BONNIE SANDY IN DeMarketplace

Awesome post thanks for sharing!!

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