makeitatyourlibrary.org

@MakeItLib

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The Maker Movement

Workshop?

Crafting?

DIY?

Digital Media Lab?

3D Printing?

Hacking?
The Maker Movement

...Yes!

Hands-on learning

Social

Innovation-driven

Leisure pursuits

Tech-infused
Libraries + Maker Movement?

- Common ground
  - creativity, resource-sharing, community outreach, empowerment
- New model for libraries: content creation
- Maker community brings enthusiasm and knowledge
- Bring in new patrons
- It’s fun. Did we mention it’s fun?
What does this look like today?

A few examples...
Chicago Public Library
Innovation Lab
Images taken from http://madisonbubbler.org/bubbler-room/
CONTRIBUTE YOUR CREATIVITY TO A TEE

GIVE IT A TRY.
IEEE Science Kits for Public Libraries
Lisle Library District
Shrinky Dink program
MI@YL: A History

- Came together for the 2013 ILEAD USA Cohort (Innovative Librarians Explore, Apply and Discover), and IMLS funded grant
- Connected with Travis Good, of *Make Magazine* and advocate for the Maker Movement
Partnership with Instructables

- Instructables had the content
- We had the librarian perspective
- ILEAD had the resources
How MI@YL works

What are you looking for?

Tools and Space
- Activity Ready
- Project Group Ready
- Temporary Tool Ready
- Clean Tool Ready
- Dirty Tool Ready

Age Level
- 0-10
- 11-18

Recent

See this blog post for more info
Levels of Readiness

Tools and Space

- Activity Ready
- Project Group Ready
- Temporary Tool Ready
- Clean Tool Ready
- Dirty Tool Ready
Activity Ready

Kool-Aid Play Dough

Ferrofluid

Paper Record Player
Project Group Ready

Kids programming Arduinos

Basic Arduino Kit
Temporary Tool Ready

Make your own stop motion movie
Temporary Tool Ready

Melted Crayon Ornaments

[Images of melted crayon ornaments and a tool being used to create them.]
Flatware jewelry

Woodworking for kids
Best Practices

- Set goals
- Start small
- Start with what you know, OR...
- Learn it yourself first
- Embrace the spirit of experimentation
- Don’t overthink it
- Partner with makers in your community
- Product should be exciting to the audience
Map of Library Makerspaces
Make It Guides

- Introduction to activity (e.g. Simple bots)
- Typical tools and materials
- Skills and concepts
- Recommended projects and resources
- Programming considerations

Coming Soon!
Instructables Build Night

- Free maker materials
- Host an event
- Experiment
- Contribute to Instructables.com
- Now open to libraries!

Psst! Ask us how to get software from Autodesk.
Library Maker Resources

- **Library Makers Google Group/email list**
  - Other librarians can often be the best resource
- **MakerBridge**
  - U of Michigan site has blog posts, interviews, tool reviews, forums, & more
- **Maker Faires and Mini Maker Faires**
  - Great way for libraries to get involved beyond the library scene
- **YALSA’s Making in the Library Toolkit**
  - Great overview of concepts with examples
- **Makey Makey**
  - Projects, products, instructions
- **The Maker Map**
  - Find a community of makers near you to possibly partner with and visit
⅕ of the MI@YL team could not join us at CIL:

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