

Welcome to the YALSA webinar! It will begin promptly at 2pm, eastern. You will not hear audio until then.



CATAPULT YOUR TEENS...

...into a Summer of Learning!

Your Fab Facilitators



Erica Compton

Project Coordinator, Idaho Commission for Libraries

Erica co-developed Idaho's *Make It at the Library* project, supporting the implementation of makerspaces in eleven public libraries across the state in year two of the project. She also chairs YALSA's Makerspace Resources Task Force which developed the *Making in the Library* toolkit.

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Robin Willard

Young Adult Specialist, Chicago Public Library

Robin works in Teen Services, a newly-formed Department at CPL directed by Jeremy Dunn, and designed to foster a more focused lens for providing welcoming spaces and staff to support programs, services, and collections for better serving the unique cultural, informational, educational, and recreational needs of Chicago's urban teens ages 13-18 (across the city in 80 libraries).

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What We'll Cover Today

Concrete Ideas for Expanding Traditional Summer Reading Programming to Catapult Teens into a Summer of Learning:

- ❑ The Maker Movement and Making
- ❑ Inexpensive and Active Learning Activities for Teens
- ❑ Chicago Public Library's Summer Program Redesign and Lessons Learned Related to Teen-Specific Components
- ❑ Activating Teen Spaces
- ❑ Fostering Teen-Directed and –Driven Participation



Why Is It Important?

The Future of Library Services for and With Teens: A Call to Action

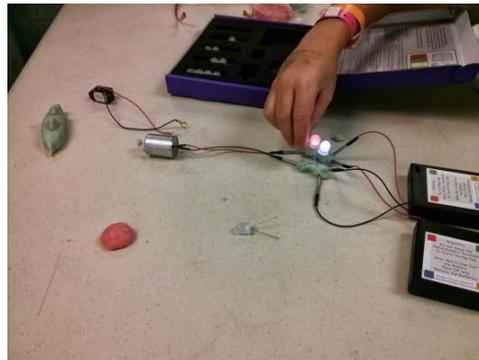
YALSA report highlighting the need for an expanded set of skills beyond traditional academic skills, including innovation, critical thinking, collaboration, information media and technology skills.

National Summer of Learning Findings

Research indicating youth are losing knowledge and learning skills over the summer

President Obama's STEM Initiatives and 21st Century Skills Initiatives:

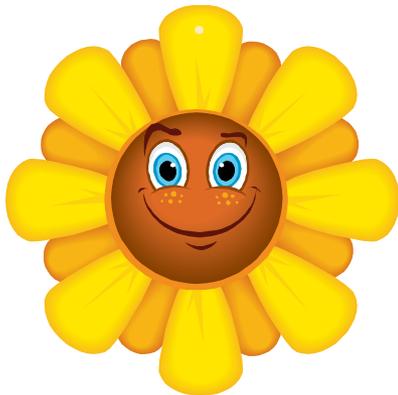
National initiatives to better prepare teens for college and career success in the global marketplace



Poll

SUMMER PROGRAM PLANS:

How many of your SR programs incorporate more than reading?



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MAKER MOVEMENT:

How familiar are you with the Maker Movement, makerspaces, and making?



Making...



- ... means learning through trial & error, practical application, & hands-on experience **in a social environment**
- ... gives access to communities to grow & create something better
- ... stresses unique applications of technologies
- ... encourages innovation, invention, & prototyping

Complicated? NO!



Squishy Circuits

Cost: \$25 kit

Audience: All

Time: 30 min

Outcomes: Students will learn very basic electronic skills including the difference between a conductor and an insulator.

Cup Catapult

Cost: \$.01/person

Audience: All

Time: 30 minutes

Outcomes: Teens will learn basic properties of physics, including the simple mechanics behind the catapult and force.



Fiber Optic Bracelet

Cost: \$5/person

Audience: All

Time: 60 min

Outcomes: Students will learn the basics of e-textiles and fiber optics.

Reduce, Recycle, Reuse!



Fused plastics

The
Tinkering
Lab at the
Exploratorium

More Ideas



cardboardchallenge.com



Express ideas through construction

Idaho Makers in Action



iPod speakers

Materials for deconstruction



Car races



Stealth program
Challenge

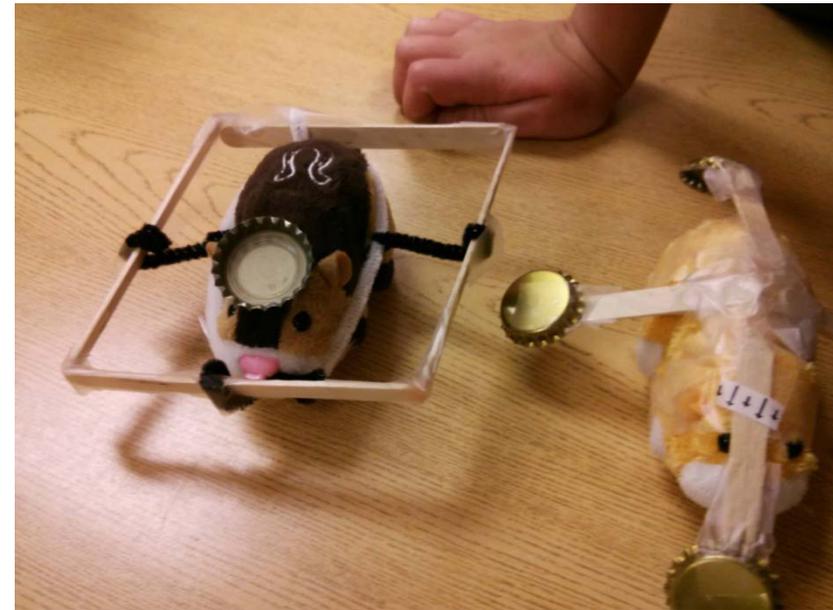


Catapults

More making and having fun



3d scanning - hacked



Zhu-zhu pet battles



Learning about electricity

HELP Is Out There!

Maker Shed

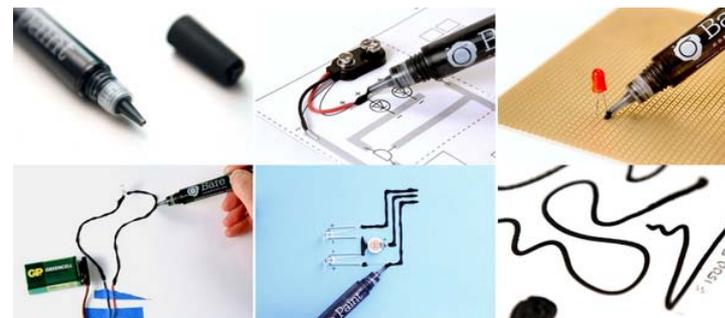
Make it @ your library



DIY Project Supplies



hacknmod.com

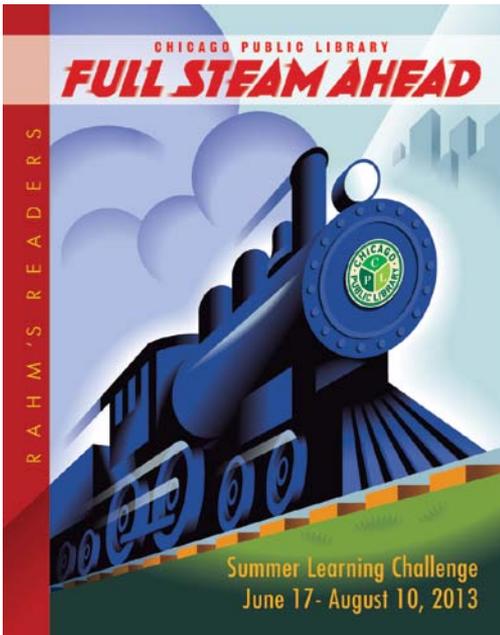


bareconductive.com

Making in the Library Toolkit



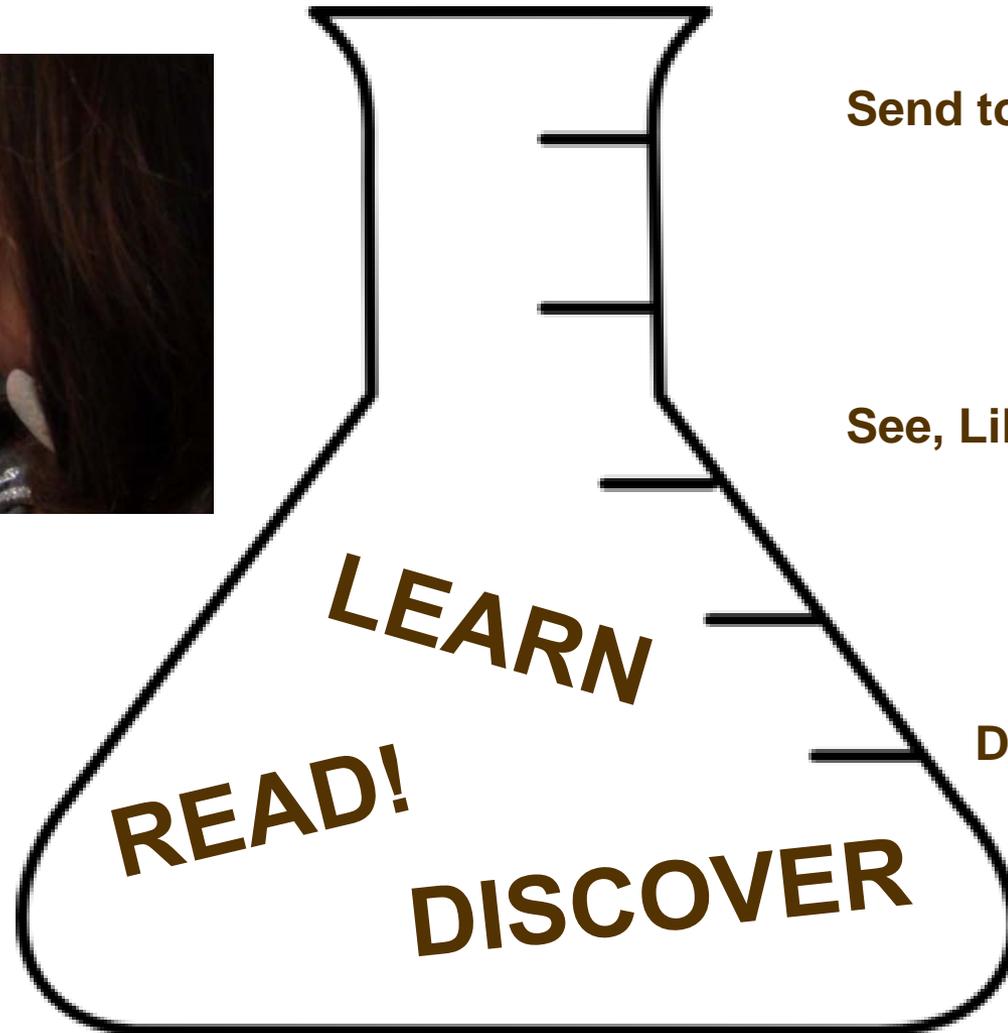
Re-Designing Summer Reading



Liz McChesney,
Chicago Public Library
Director of Children
& Young Adult Services
Mover & Shaker 2014



CREATE!



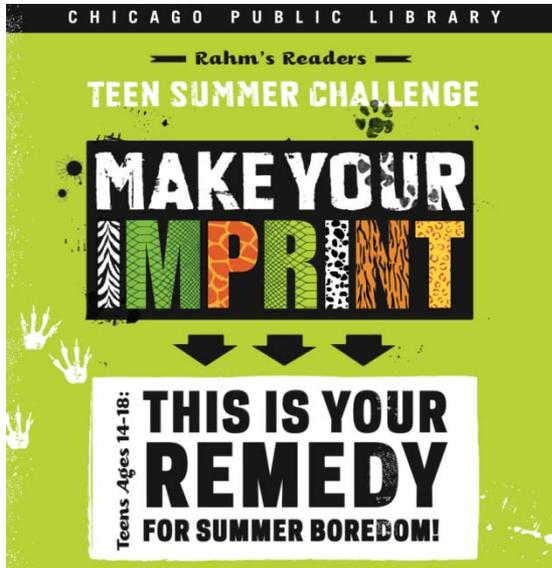
Send to Tumblr

See, Like, Reblog

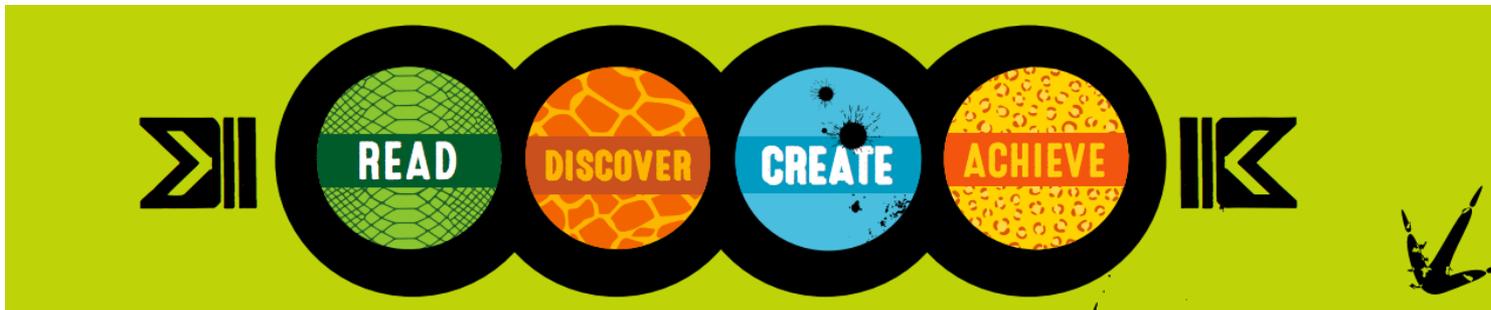
Do it again!



2014 Teen Summer Challenge Components



- Open-Ended Summer Journal
- Less Scripting & More Self-Directed
- Teen Summer Site
- Space Activation
- Incentives Just for Teens



Draft Teen Summer Journal

GO WILD (and Achieve)!



In this log you'll find out about things you can Read, Discover and Create to get you thinking about the lives of animals. Every step of the way, you will receive mini-buttons, badges and an opportunity to win a free book.

By doing all of the above, you will automatically **ACHIEVE**, meaning you will receive your last mini-button, a set of ear buds, AND get entered in a raffle to win an e-reader with HD capabilities.

Use the space below to make some plans or for doodling...

IDEAS TO TREASURE

I READ...

I NOTICED...

I DISCOVERED...

Read

Discover

Create

600 minutes

- books
- blogs
- magazines



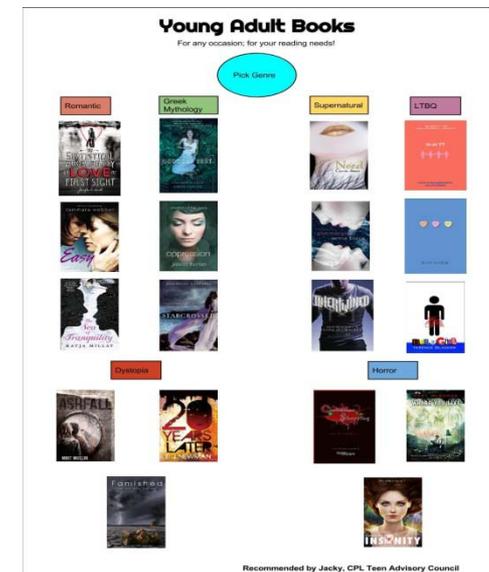
6 places or activities

- library programs & exhibits
- trips to cultural institutions
- Experiments
- music or video



6 pieces

- showcase your newly discovered knowledge



Why News Matters

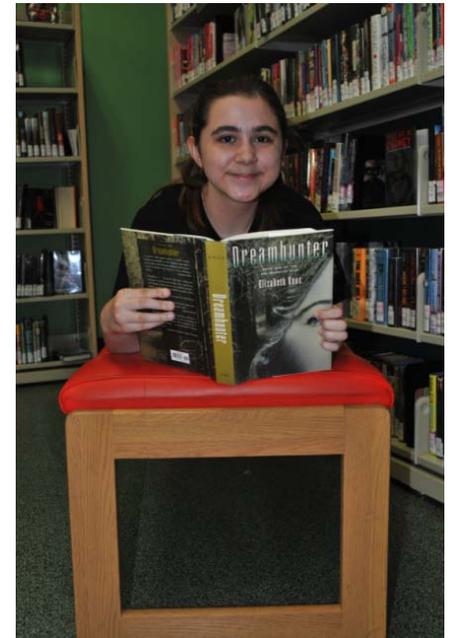


*Made possible by the
McCormick Tribune Foundation
through the Chicago Public
Library Foundation*

- Thematically-connected challenges related to animals in the news
- Helping teens build skills in distinguishing “news” from “noise”
- Example: Primates as Pets
 - **Read:** Alton woman whose pet monkey bit boy is charged
<http://bit.ly/1fUvw6B>
 - **Discover:** Should Chimps Have Human Rights? (Video)
<http://bit.ly/1nhvboH>
 - **Create:** Make a news report about your research and opinion about owning wild animals as pets

Fostering Teen-Directed and -Driven Spaces

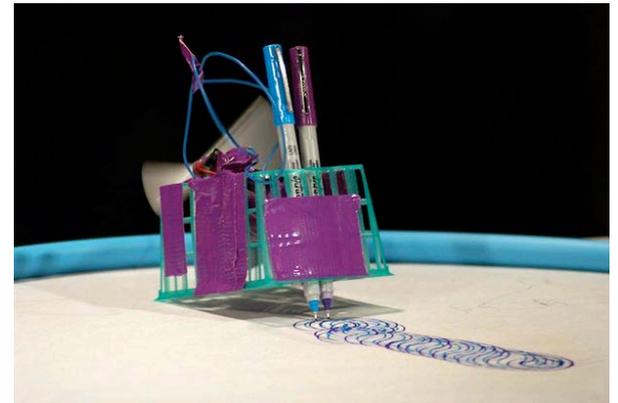
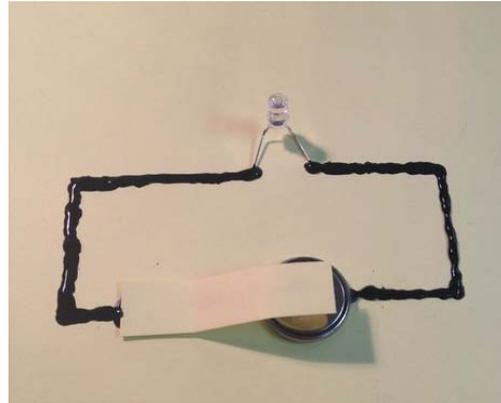
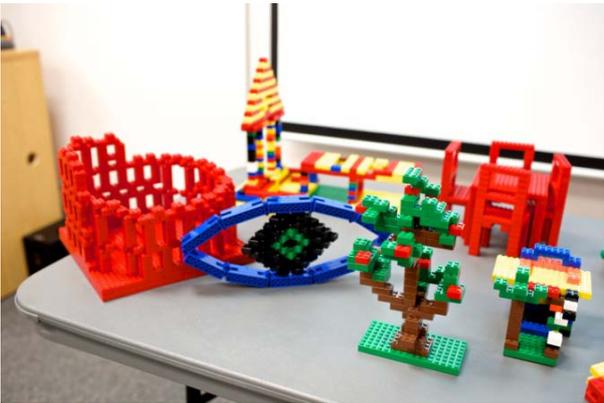
- Valuing/Showcasing Teens
- Informal and Formal Polling
- Digital Creation
- Program Options and Choices
- Flexible “Curriculum” & Outcomes



Poll

ABILITY TO IMPLEMENT:

Share your thoughts on your ability to add learning activities such as those discussed today into your summer reading program.



Ideas, Comments, Questions



- What would you like to know in more detail?
- What ideas or skills did you learn today that you'll use in your school or library?
- Any questions?

Thank you for participating!

Further Resources

ALA and YALSA resources:

Making in the Library Toolkit:

www.ala.org/yalsa/sites/ala.org.yalsa/files/content/MakinginthelibraryToolkit2014.pdf

Make it @ your library: makeitatorylibrary.org/

Maker & DIY Wiki:

[wikis.ala.org/yalsa/index.php/Maker %26 DIY Programs](http://wikis.ala.org/yalsa/index.php/Maker_%26_DIY_Programs)

YALSA's Call to Action:

[www.ala.org/yaforum/sites/ala.org.yaforum/files/content/YALSA A nationalforum Final web.pdf](http://www.ala.org/yaforum/sites/ala.org.yaforum/files/content/YALSA_A_nationalforum_Final_web.pdf)

Make it at the Library project:

libraries.idaho.gov/make-it-idaho

www.facebook.com/MakeItIdaho

Even More Maker Project Resources:

Makezine.com

Instructables.com

Hackaday.com

Inventables.com

mozilla.com/en-US/mozilla-hackasaurus/

makerspace.com/

More About Liz McChesney, CPL's Director of Systemwide Children's Services, 2014 Mover & Shaker:

lj.libraryjournal.com/2014/03/people/movers-shakers-2014/elizabeth-mcchesney-movers-shakers-2014-change-agents/#

Summer Slide: www.youtube.com/watch?v=Ahhj3wxxkdM

Human-Centered Design: Change By Design: How Design Thinking Transforms Organizations and Inspires Innovation
Tim Brown with Barry Katz. HarperCollins. 2009.

Hoffman Estates Hawklet's Chocolates Rube Goldberg Project:
www.youtube.com/watch?v=xhl_KDA3UVU&index=7&list=PLf7fxrIX15yuq4IPYku6JqamdyqoKpYV9

More About Rube Goldberg Contests:

www.rubegoldberg.com/Contest?page=contest_history

Anti-Cruelty Society Volunteer Projects:

www.anticruelty.org/diypettoys/

CCOL Badging Project: chicagocityoflearning.org/

Northwestern University Science in Society:

scienceinsociety.northwestern.edu/initiatives/scientific-images-contest

President Obama's STEM Initiatives:

www.whitehouse.gov/issues/education/k-12

21st Century Skills: <http://www.p21.org/>