

ENVISIONING YOUR MAKERSPACE

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MACUL | Thurs 3/10/2016 | 10-11am

Download slides later today:
<http://bit.ly/fontblog>



LEGO

TODAY WE'LL

- Make something!
- Give an overview of makerspaces
- Think through maker planning
- Share a list of some favorite tools

Free maker PD this summer statewide! makinglibraries.si.umich.edu
made possible in part by IMLS RE-05-15-0021-15

Today's slides: bit.ly/fontblog

But first ...

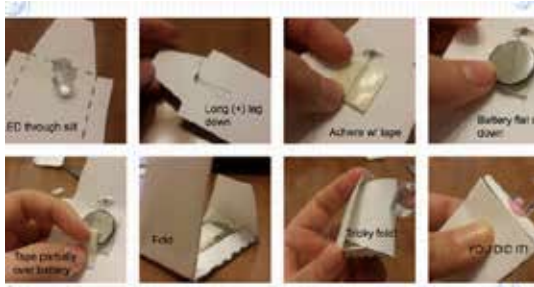
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News from the White House!

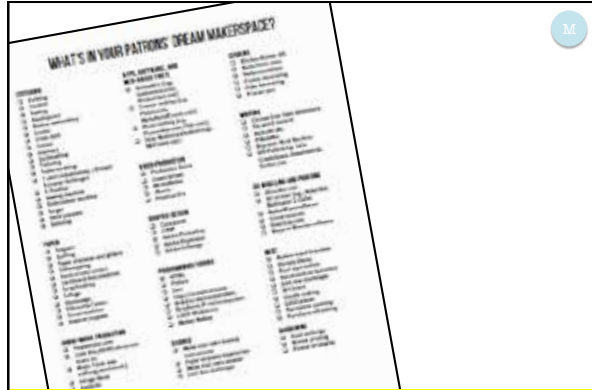
- ctemakeoverchallenge.com
- [Bit.ly/white-house-2016-making](http://bit.ly/white-house-2016-making)
 - Nat'l Week of Making 6/17 - 6/23/2016
 - Nat'l Maker Faire
 - CTE Makeover Challenge
 - Perkins recommendation
 - Maker Promise

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Let's Make Something!

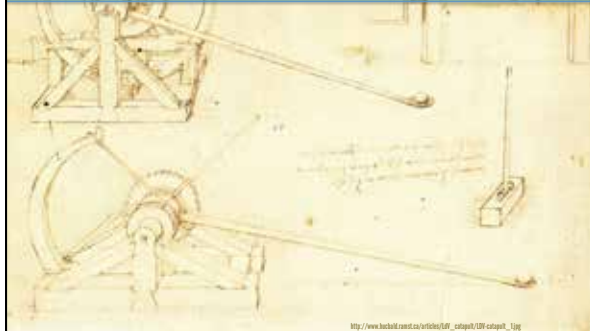


Tutorial by Amber Lovett



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How can we support the Leonardos in our community?



Makerspaces are one answer.



Student's own slingshot / catapult





And so is this.

K



And this.

K



This, too.

K

Parker Thomas,
<http://makezine.com/2013/08/11/key-qualities-for-a-school-makerspace/>

Tools
 +
Support
 +
Community

People
 +
Process
 +
Place

Dale Grover, Maker Works, Ann Arbor, Michigan

K



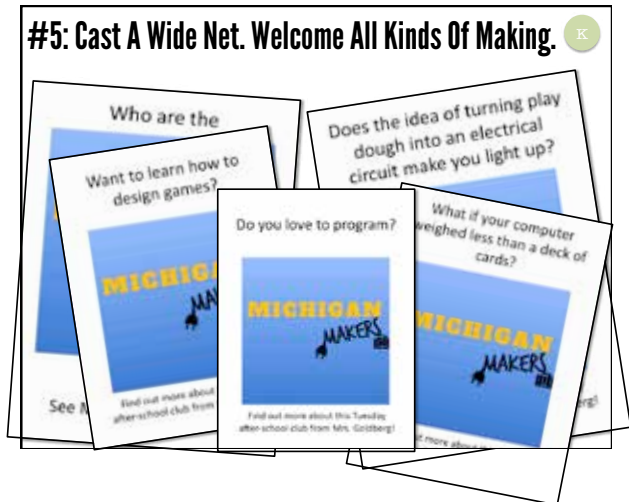
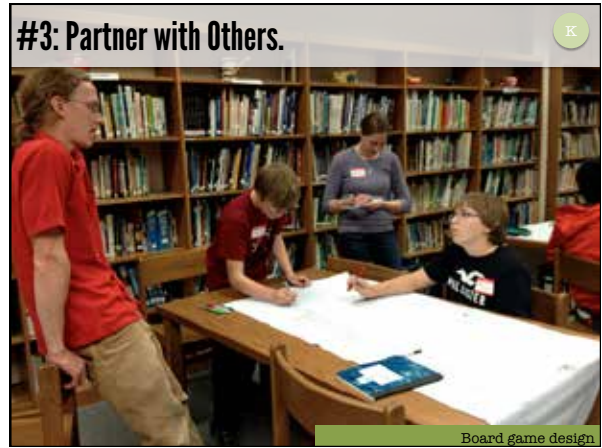
Squishy Circuits

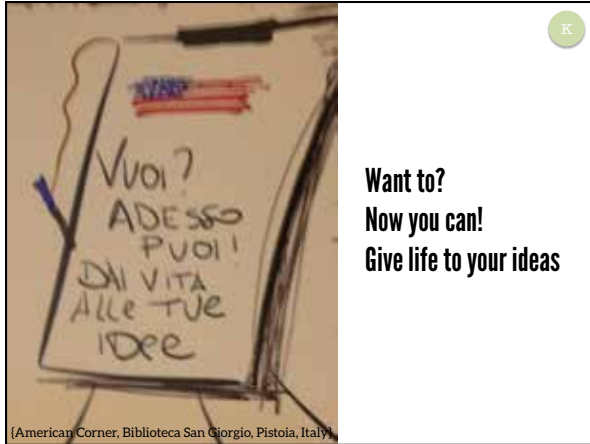
Example: Michigan Makers

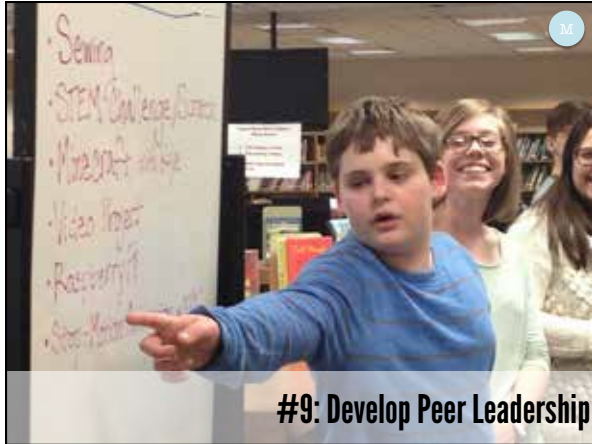
- Create community around making
- Balance DIY exploration with guidance from mentors
- Create sustainability and replicability
- "Have something for every member of the family"
- Welcome female makers

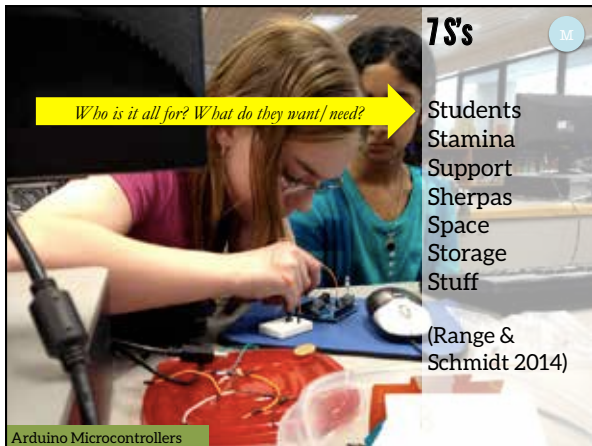
LittleBits / KORG music kits


#2: Choose Activities That Fit Your Kids' Needs.











7S's K

Students
Stamina
Support
Sherpas
Space
Storage
Stuff

(Range & Schmidt 2014)

Who will support you w/ budget, PR, admin.?




7S's M

Students
Stamina
Support
Sherpas
Space
Storage
Stuff

(Range & Schmidt 2014)

Who already does this kind of work and can mentor you?



7S's M

Students
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Stuff

(Range & Schmidt 2014)

Where in your facility will you set this up to promote community-oriented, collaborative making?



7S's K

Students
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(Range & Schmidt 2014)

Where are you going to put it all away?

Design a board game



7S's

- Students
- Stamina
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- Sherpas
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- Stuff

What are you going to buy, with or without a 3D printer?

(Range & Schmidt 2014)

Seed's Chaihuo Makerspace Shenzhen



Join us! We're still learning, too.
<http://makerbridge.si.umich.edu> - @makerbridge
 created by Sharron Ginsberg

In summary:

Purpose & People Before Stuff

Free 3-day Maker PD This Summer Near You!

- Alpena, Ann Arbor, Benzonia, Centreville, Coopersville, Frankenmuth, Houghton Lake, Pickford, W. Iron
- One day workshop for K-8: Saginaw
- Makinglibraries.si.umich.edu
- Made possible in part by IMLS RE-05-15-0021-15

Questions?

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