



## Webinar Resources

Engaging Youth Through Making

July 17, 2013; 12-1 EDT

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*Below are a list of web resources that were highlighted by the guest speakers during the webinar, as well as several additional links that were added afterwards based on the discussion. For additional background on making, check out our previous webinar: [An Introduction to Maker Culture](#).*

### Mozilla Hive NYC Learning Network

A Day in the Life of Hive NYC: <http://explorecreateshare.org/2013/07/11/a-day-in-the-life-of-hive-nyc-july-11-2013/>

Hive NYC: <http://hivenyc.org>

Webmaking as Connected Learning: <https://blog.webmaker.org/webmaking-as-connected-learning>

Networked Innovation and Hive NYC: <http://explorecreateshare.org/2013/01/28/networked-innovation-and-hive-nyc-pop-ups-as-particle-accelerators-2/>

### Maker Party

<https://blog.webmaker.org/maker-party-july-update>

<http://webmaker.org/party>

<http://webmaker.org/events>

[https://wiki.mozilla.org/Maker\\_Party/Get\\_involved](https://wiki.mozilla.org/Maker_Party/Get_involved)

### Resources to Teach the Web

<https://webmaker.org/teach>

<http://hivenyc.org/teachtheweb>

Mozilla Webmaker G+ Community: <http://bit.ly/gpluswebmaker>

### Cool Mozilla Webmaker Tools

<http://webmaker.org>

<http://thimble.webmaker.org>

<http://popcorn.webmaker.org>

### Mozilla

Mission: <http://www.mozilla.org/en-US/mission/>

The Mozilla Story (Video): [http://youtu.be/kmk43\\_2dtn0](http://youtu.be/kmk43_2dtn0)

Mozilla Open Badges (a new online standard to recognize and verify learning) [www.openbadges.org](http://www.openbadges.org)

Mozilla Open Badges Community: <http://community.openbadges.org/>

Join Stop Watching Us: A campaign that demands the full revelation of NSA privacy policies

[www.StopWatching.Us](http://www.StopWatching.Us)

### Maker Education Initiative

[www.makered.com/makercorps](http://www.makered.com/makercorps)

[www.youngmakers.org](http://www.youngmakers.org)

[www.makezine.com/maker-camp](http://www.makezine.com/maker-camp)

[www.makerspace.com/playbook](http://www.makerspace.com/playbook)

### Kylie Pepler, Indiana University

Textile Messages: Dispatches From the World of E-Textiles and Education: [http://www.amazon.com/Textile-Messages-Dispatches-E-Textiles-Education/dp/143311920X/ref=sr\\_1\\_1?ie=UTF8&qid=1374079758&sr=8-1&keywords=textile+messages+dispatches+from+the+world+of+e-textiles+and+education+buechley](http://www.amazon.com/Textile-Messages-Dispatches-E-Textiles-Education/dp/143311920X/ref=sr_1_1?ie=UTF8&qid=1374079758&sr=8-1&keywords=textile+messages+dispatches+from+the+world+of+e-textiles+and+education+buechley)  
<http://cainesarcade.com/cardboardchallenge/>

Cardboard Challenge: <http://cainesarcade.com/cardboardchallenge/>

Paper Roller Coasters: <http://www.paperrollercoasters.com/gallery.htm>

Make-to-Learn: <http://m2l.indiana.edu> (join our listserv on the site to receive additional updates!)

Instructables Make-to-Learn Youth Contest: <http://m2l.indiana.edu/make-to-learn-challenge/>

Upcoming World Maker Faire in New York City: <http://makerfaire.com/newyork-2013-call-for-makers/>

Instructables: <http://instructables.com>

Scratch: <http://scratch.mit.edu>

Makey Makey: <http://www.makeymakey.com/>

Gamestar Mechanic: <http://gamestarmechanic.com>

Toy Hacking: <http://www.good.is/posts/toy-hacking-training-kids-to-be-makers>

E-Textile online community: <http://lilypond.mit.edu>

## Further Guidance on Research & Evaluation

As educators, we know the projects students engage in within a Makerspace are exciting and valuable. The question remains, how do we assess and document learning? Our stakeholders still require outcomes data. How do we justify making as a rigorous and valuable contribution to STEM education? Documenting (see [Makerspace Playbook](#), pg. 45), portfolios and [digital badges](#) are all novel ways of illustrating student accomplishments. The resources below contribute to the necessary conversation on establishing outcomes and assessments that align with the philosophy and goals of making. Although the papers discuss afterschool science and STEM learning, there are clear parallels to making in any setting, particularly as many making activities incorporate STEM concepts.

1. Game Changers and the Assessment Predicament in Afterschool Science
  - [http://www.afterschoolalliance.org/documents/STEM/Noam\\_Shah.pdf](http://www.afterschoolalliance.org/documents/STEM/Noam_Shah.pdf)
2. Defining Youth Outcomes for STEM Learning in Afterschool
  - [http://www.afterschoolalliance.org/STEM\\_Outcomes\\_2013.pdf](http://www.afterschoolalliance.org/STEM_Outcomes_2013.pdf)
3. Where It Gets Interesting: Competing Models of STEM Learning After School
  - [http://www.niost.org/images/pdf/afterschoolmatters/asm\\_2013\\_17\\_spring/ASM\\_2013\\_spring\\_1.pdf](http://www.niost.org/images/pdf/afterschoolmatters/asm_2013_17_spring/ASM_2013_spring_1.pdf)