Maker Habit of Mind in High School

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http://bit.ly/makerspacehabitofmind

Who we are

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Steps

1. Re-evaluate space-- make more open spaces
2. Develop culture of maker
3. Do the research
4. Convincing others-stakeholders, partners
5. Connecting to the teachers to link to coursework

Re-evaluate your space

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Repurpose the seminar room

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Put 3D printer in library

How do I support a Maker culture?

-Hour of Code

-Started a Creativity Day

-Maker Monday

-Dedicated Makerspace

HOUR OF CODE

https://hourofcode.com/ca

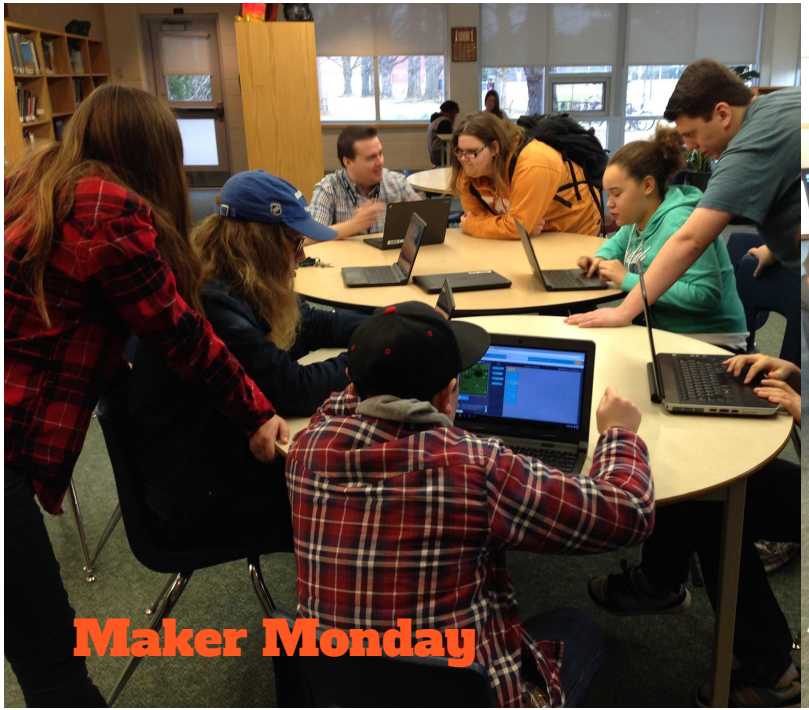
How did this start?
What did I get myself into?
DASHFEST 2015 -- HOUR OF CODE

How much fun
did we have?

Hour of Code

https://drive.google.com/a/scdsb.on.ca/file/d/0B5NYBXs8YFYzX2F2RUwwRVFmOVk/view?ts=56a8f401

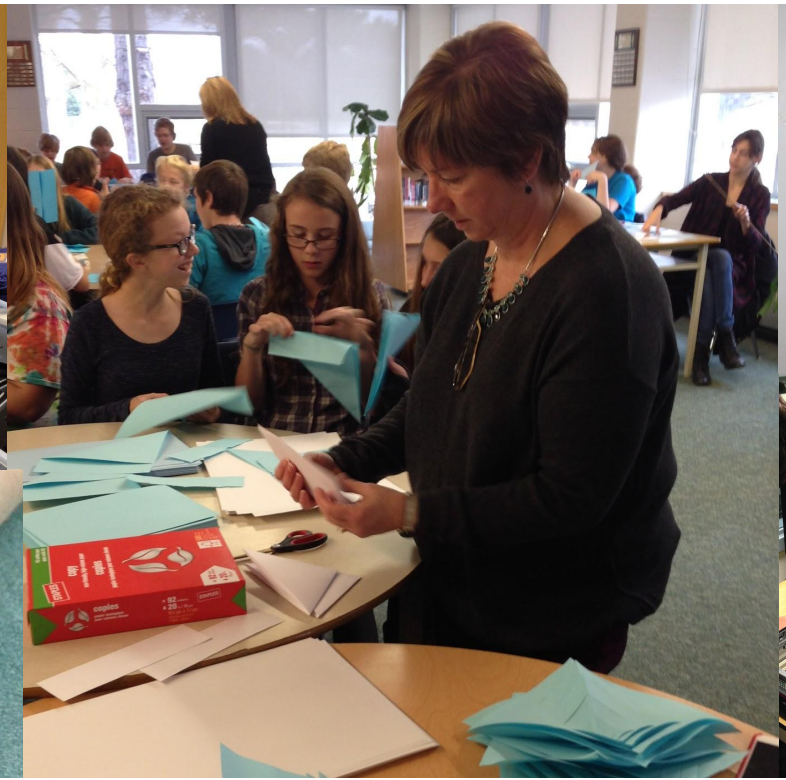
Hour of Code

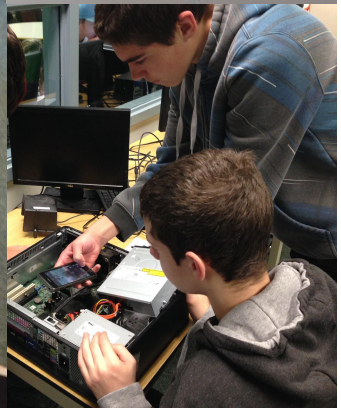


Maker Monday

Invited Grade 8's

Maker Monday





Creativity and Innovation Day

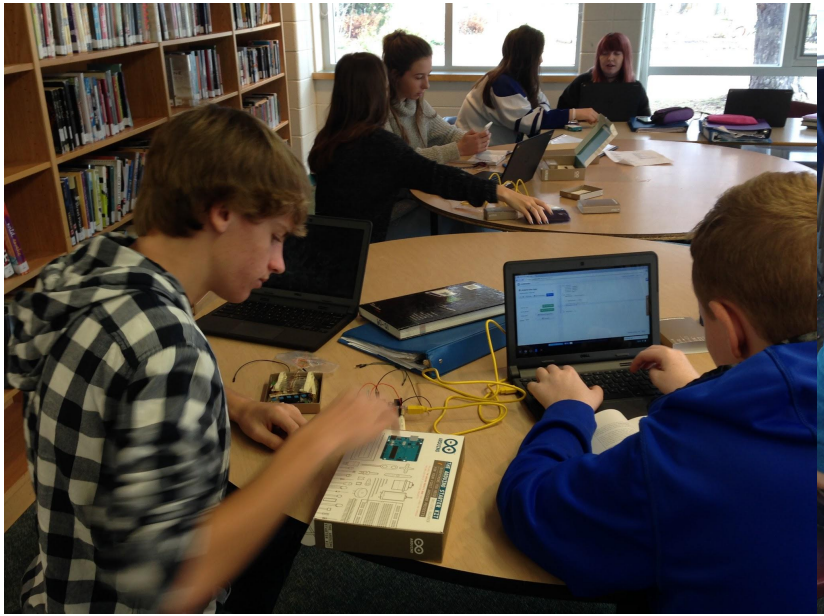
Do Your Research

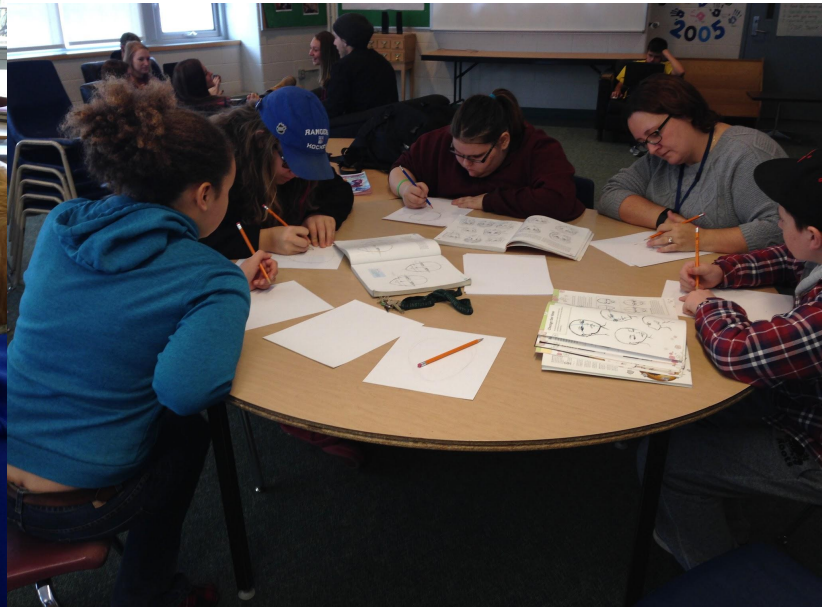
- PLC with other TLs
- OLA SuperConference
- Visited the Innisfil Library Lab
- Bring IT Together Conference

"NO two #makerspaces should be the same because no two school communities are the same. Plan carefully to personalize"

Partnerships

- Be strategic when choosing a colleague - mindset and curriculum
- Computer studies and art are natural fit and a good place to start





Resources

Flipboard magazine curation of Makerspace ideas a variety of teachers

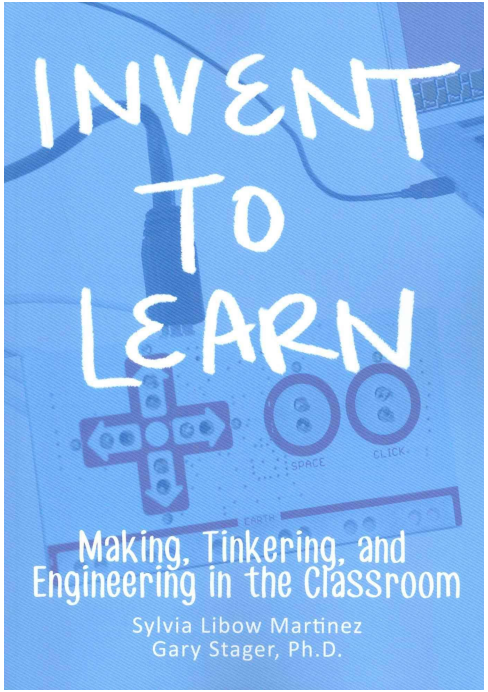
Digital Fabrication and ‘Making’ in Education: The Democratization of Invention

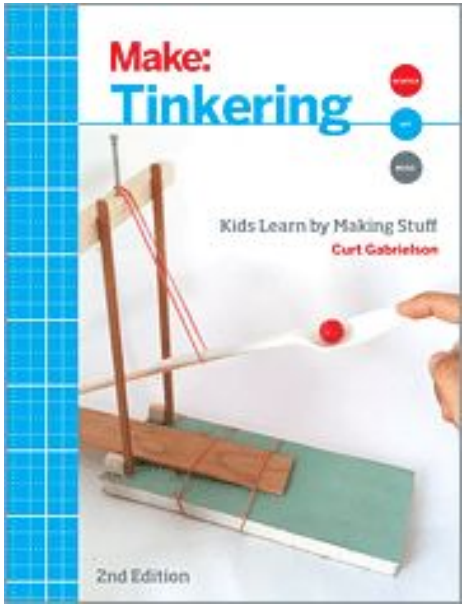
Blikstein, P. (2013). Digital Fabrication and ’Making’ in Education: The Democratization of Invention. In J. Walter-Herrmann & C. Büching (Eds.), FabLabs: Of Machines, Makers and Inventors. Bielefeld: Transcript Publishers.

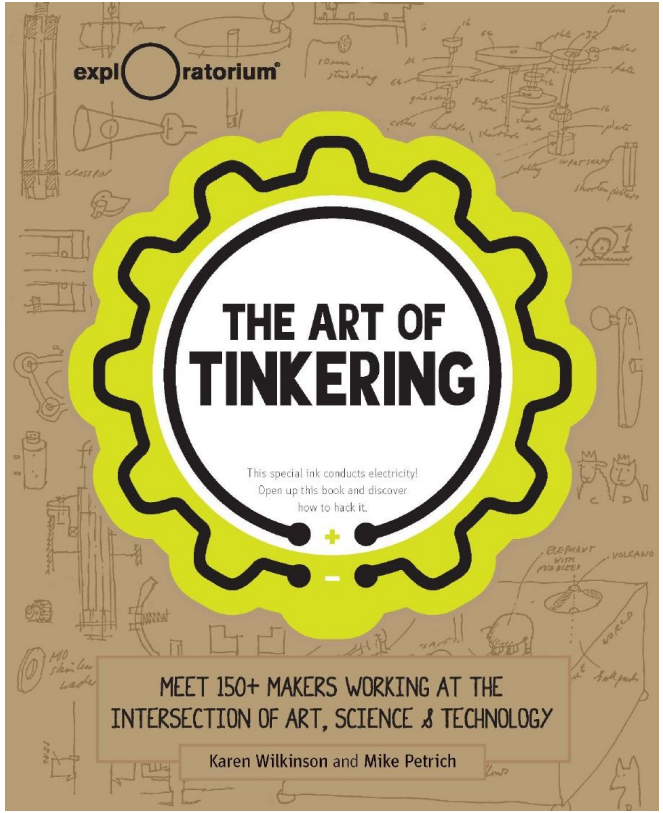
"How Minecraft and Duct Tape Wallets Prepare Our Kids for Jobs That Don't Exist Yet (EdSurge News)." *EdSurge*. N.p., 26 May 2015. Web. 25 Nov. 2015.

Makerspace Playbook
Twitter - #Makerspace
Pinterest

Other Resources







Funding

School Board Inquiry -$ and release time

Speak Up Grant
http://edu.gov.on.ca/eng/students/speakup/index.html

Best Buy Grants
http://www.bestbuy.ca/en-CA/school-tech-grants.aspx?fullsite=true&cmp=sm_TW_ENG_151112_TechGrants

Township of Innisfil grant (NSS)
Donations from community and staff

Funding ideas from the audience?

Please add any ideas or sources you may have:

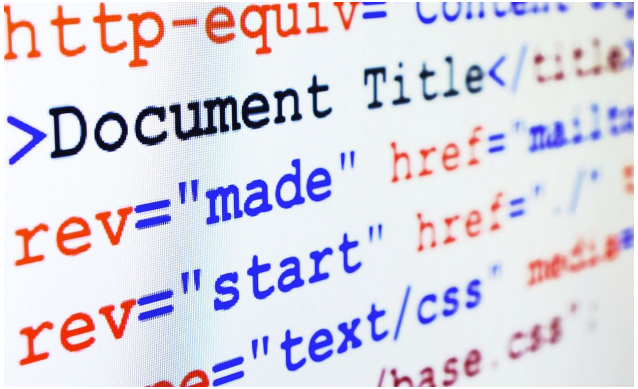
Challenges

- Cost
- Partnerships
- Time
- Knowledge

Successes

Now I know...

- Tie Dyeing is not a good idea with 400 students
- Great ideas from Twitter
- Important differences in the definitions of coding



Questions? Suggestions? Resources?

Makerspace PLN (Professional Learning Network)

Add your Twitter handle below. We can follow and learn from each other on our Makerspace journeys.