
Big ideas, small budgets

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Hillsboro Public Library
OLA 2018

Housekeeping

Introductions

Session format

Goals

Questions

Sponsors



Starting somewhere

“The secret to getting ahead is getting started.”

— Mark Twain

“Everybody has to start somewhere.”

— Haruki Murakami

"The beginning is the most important part of the work."

— Plato



Twenty things

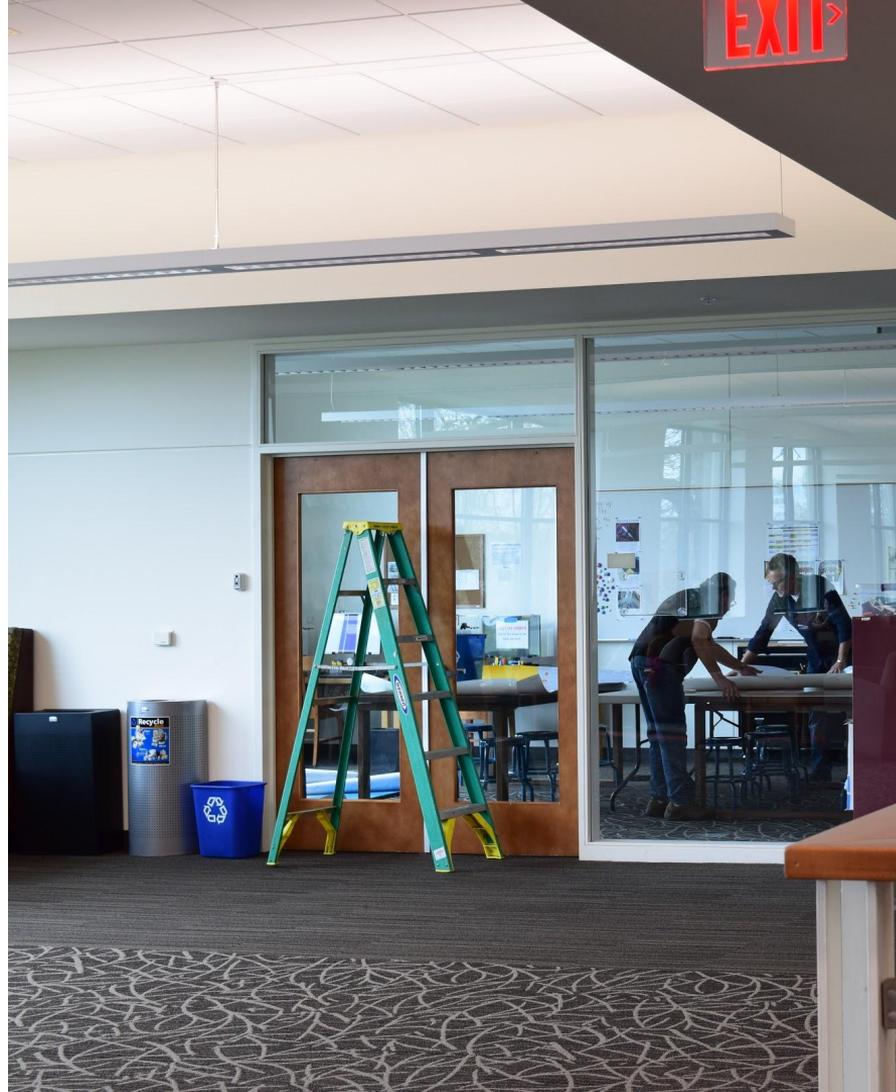
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the collaboratory



The story of the Collaboratory



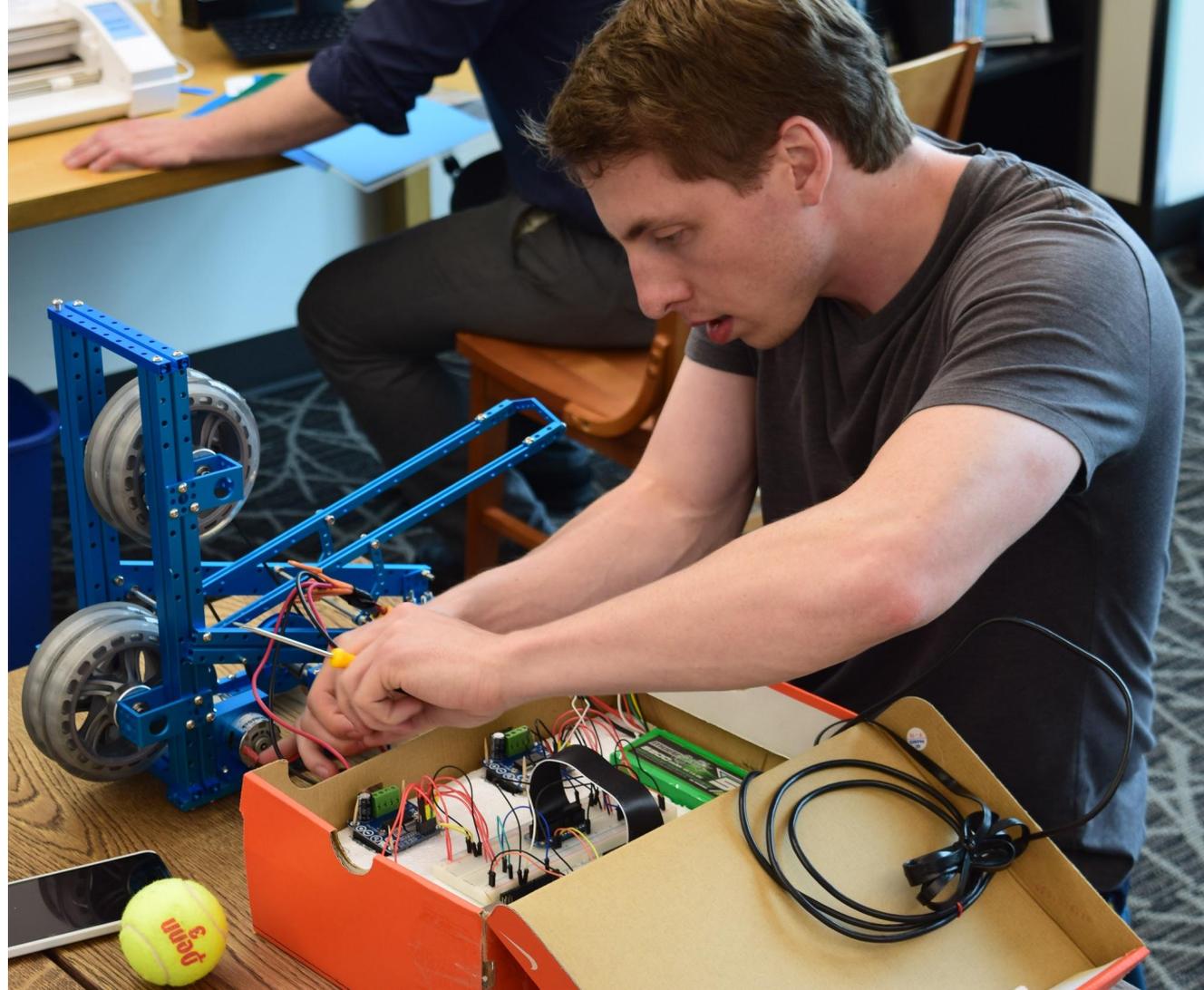


Where we started

- Experience from STEAM programming & Library of Things
- An under-used computer lab
- A generous Friends of the Library group with \$5000
- Lots of ideas!

The goals

- A space where the community can learn and MAKE!
- Available to the public as much as possible.
- Support lifelong learning.
- Provide popular & new materials & tech.



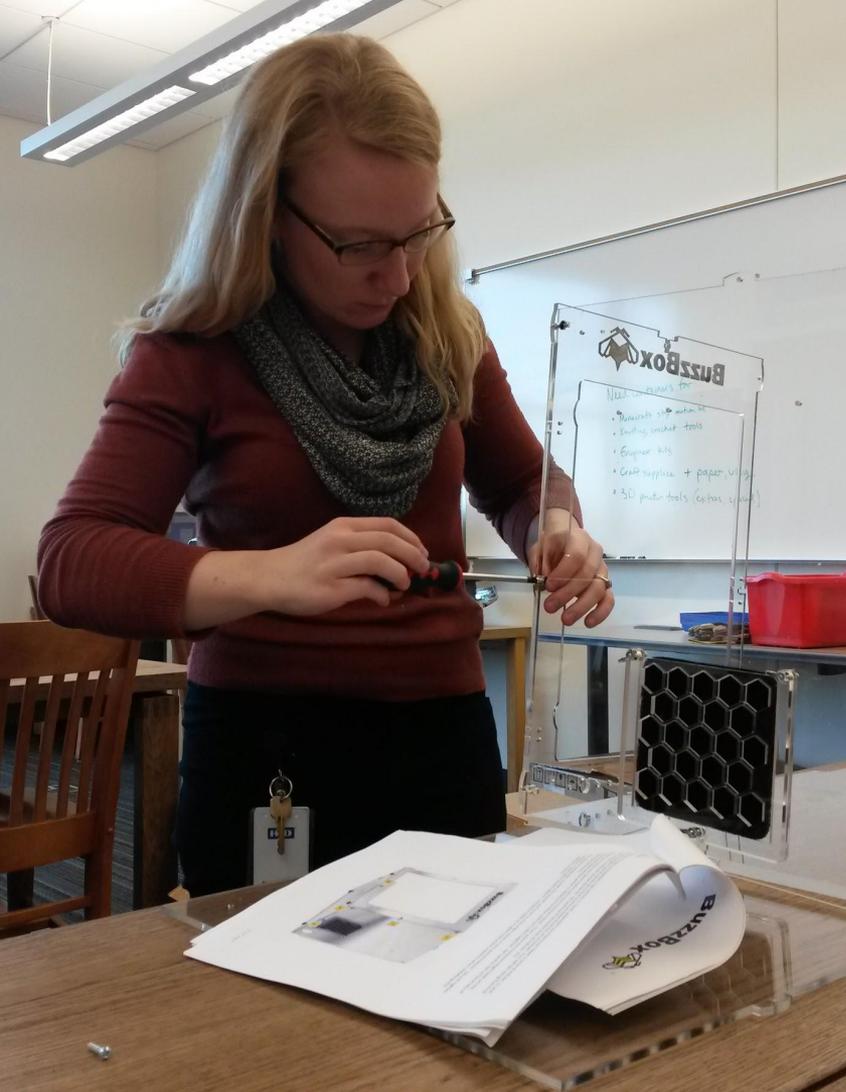
Screen Screen
Robot car
Grove
Arduino
AR+L
matte cutter (for framing)
Rai
Tinker Toys
Animation Software
like MMD or Fla
Printer
update

I want to learn to make Movies.

Rentable drones

open the Door!
Printer

Arts and Crafts



The barriers

- This is all new!
- Small budget
- Space issues
- No dedicated staff



We found the people
outside the Library



Volunteers are the right people for the job!

- Expertise
- Excitement & passion
- Breadth & depth of knowledge

Innovations come with
challenges of their
own





The work is worth it.

formed of three bones, th
fused in the adult
in·no·vate

innovare,

to introd

innovation

in·no·va·tion

of innovat

device, etc

innovate

/ˈɪnəˌvāt/

verb

make changes in something established,
especially by introducing new methods,
ideas, or products

—

10 ways you can innovate at your library

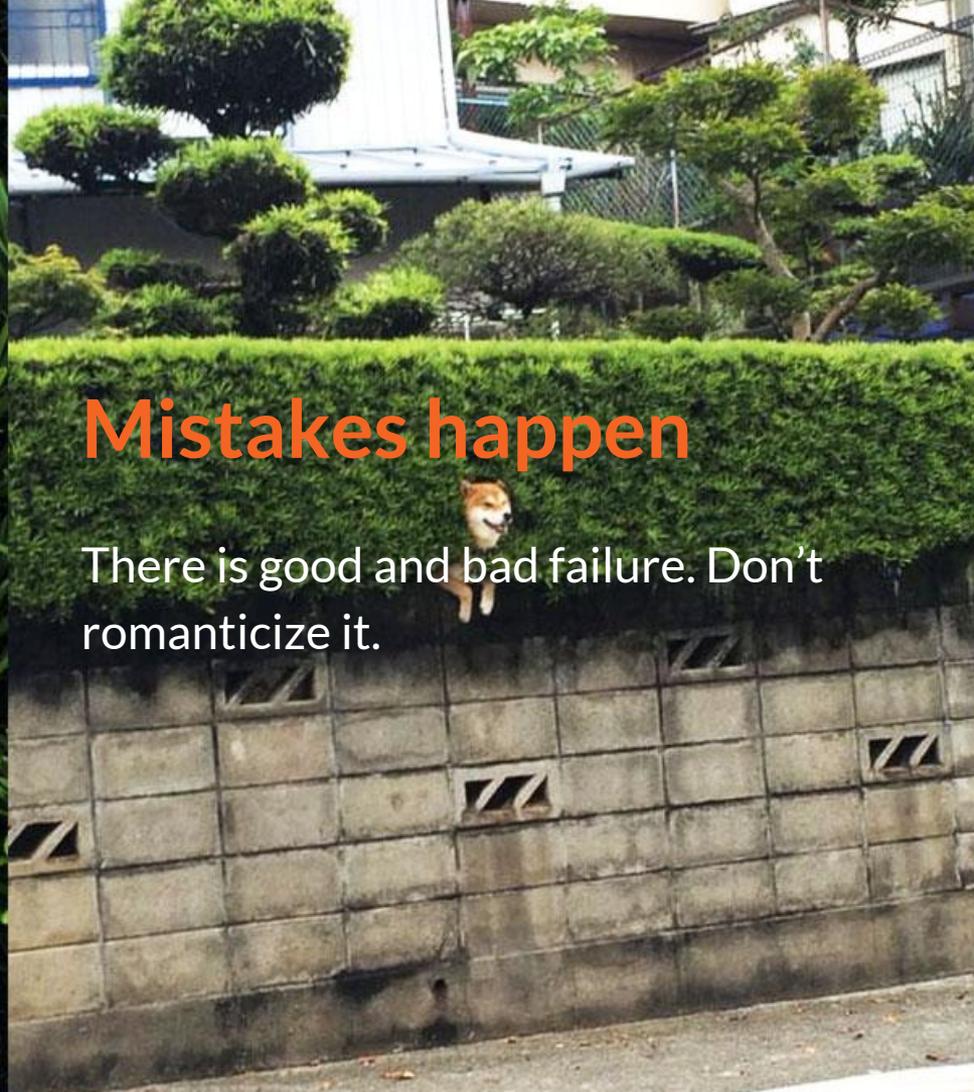
A photograph of two French Bulldogs floating in blue water. Both dogs are wearing bright orange life jackets with black straps. The dog on the left is a fawn-colored French Bulldog, and the dog on the right is a black French Bulldog. The water is slightly rippled, and the scene is brightly lit.

Maintain psychological safety

Innovation should have your heart
pumping. Within reason.



@Yamamochi223



Mistakes happen

There is good and bad failure. Don't romanticize it.

A long-haired ginger cat is sitting inside a cardboard box on a wooden floor. The cat's tail is long and white, and it is looking towards the camera. The box is open, and the floor is made of light-colored wood.

Know your limits

Laws, policies, and contracts, etc. are barriers. And can be a good thing.



Exploration vs. execution

Know the difference between
innovation and implementation.



Change is tough

Manage change intentionally. But remember that it will always be hard.



Find the root

Know what you're solving for.
Sometimes, this will involve re-framing
the problem.



Embrace creative chaos

The thinker can't always figure it out on their own. Don't count on an epiphany.

A close-up profile of a dachshund dog with long, wavy brown and black fur. The dog is looking out a window, with its head resting on the wooden sill. The background shows a blurred view of a house and greenery outside. The lighting is warm and natural, coming from the window.

Steal like an artist

Look outside your world for inspiration. Who does well?



Act

Learning and progress happen when you just try something. Have a bias toward action.



Have fun

Innovation should be a good time.
Check yourself.

—
Peter Piccolo

***Libraries Transform -
Education Innovation,
Symposium on the Future of
Libraries, February 10, 2018***

Your challenge:

Design an animal that's adapted to
withstand a hurricane

The criteria

1. Can it stand up to high winds?
2. Can it keep its offspring dry?
3. How cute is it?



—
Break

be back in 20 min.

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~~Problems~~ → ~~Solutions~~

Ideas → Plans

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Wrap-up and feedback

Questions?

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