

MAKERSPACE NEXT STEPS

New Ideas and Strategies for Community Engagement

RECAP

P'UNK
AVE

WHAT ARE YOU DOING TODAY?

You are joining colleagues that facilitate makerspaces in libraries of all types from around the state for a day of collaboration, reflection, and idea development to bring your space and community connections to the next level.



LEARNING OBJECTIVES

- **Implement new strategies, tools, and initiatives learned from other libraries and gain ideas for potential partnerships and connections to your service community.**
- **Articulate the value of library makerspaces to both your community and management team.**



LEARNING OBJECTIVES

- **Reflect with clarity on challenges, successes, and outcomes of your library's makerspace experiences to date.**
- **Build a statewide community of practice among fellow library makerspace managers.**



YOU ARE...

Staff from libraries of all types who have already developed makerspace strategies and programming.



“

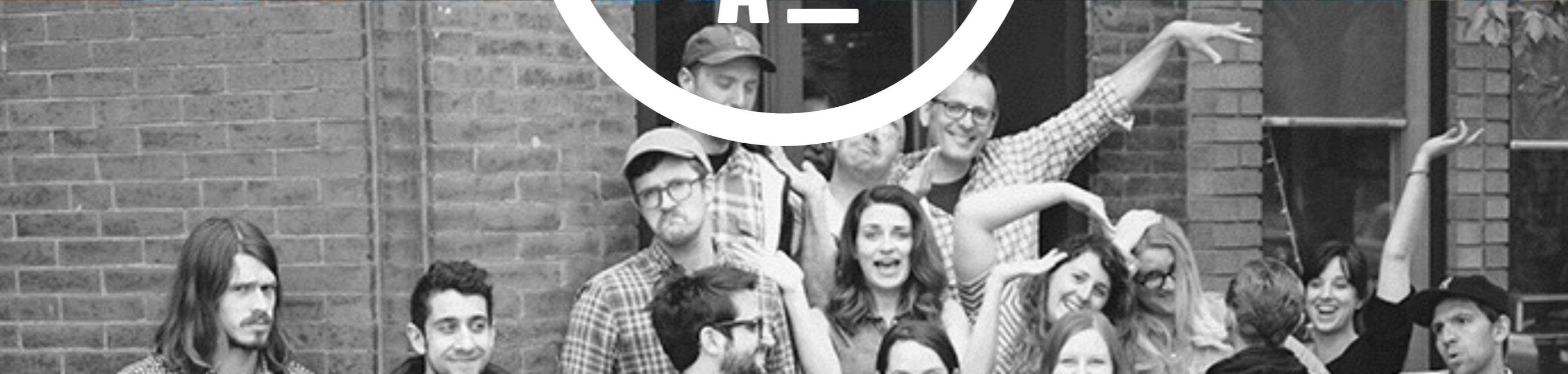
“I’m at the point where **I am trying to rethink everything**— that’s why I am interested in the program in June.”

”

10 GROUPS

Folks you don't typically work with





ASSUMPTION

**We believe many of the
answers are in the room.**



ASSUMPTION

**We believe that lasting impact
will come from the time you will
spend helping and connecting
with each other.**



GOALS

- **Share and exchange ideas**
- **Learn from each other's experiences**
- **Get to know each other better**
- **Pause and reflect**



PROCESS

- ***Interviews with librarians at makerspaces around the state.***
- ***Site visits to two libraries with makerspaces.***



MULLICA HILL BRANCH

GLOUCESTER COUNTY LIBRARY SYSTEM





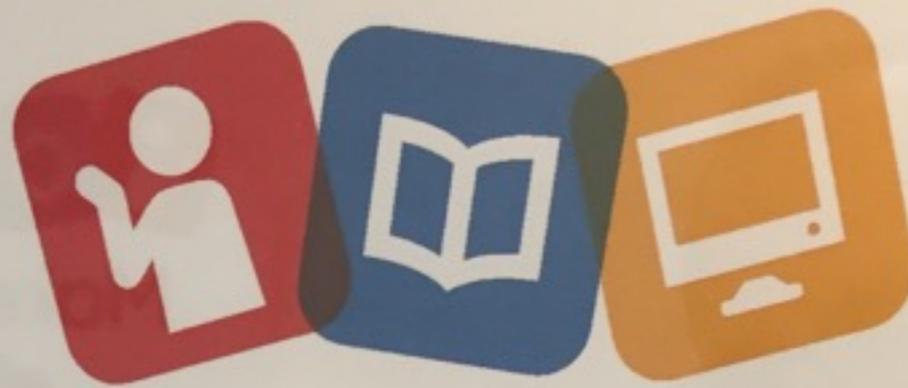
MakerStudio
@GCLS

MakerStudio
@GCLS

MakerStudio
@GCLS

MakerStudio
@GCLS





GLOUCESTER COUNTY LIBRARY SYSTEM

◆ *Our Vision*

GCLS libraries are the center of an informed, engaged, and connected community.

◆ *Our Mission*

The Gloucester County Library System provides welcoming community spaces where people gather to learn, create, and have fun.

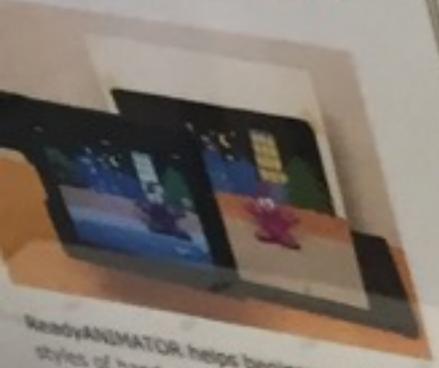




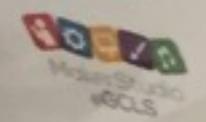
**BEGINNING
AutoCAD
2015**



ReadyANIMATOR



ReadyANIMATOR helps beginners make all styles of handmade animation.



SINGER | ProFinish™

Serger







culus





Magazines Newspapers

Adult



WIC
GIMP
Digital Filmmaking
KIDS
MakerStudio
@GCLS

Winning
LEGO MINDSTORMS
Programming
Resource
Collection
Maker
Making
Synthesizers
10 Making and Learning with
TINKERCAD
MakerStudio
@GCLS
Inkscape

Game Design
Home Recording
For Musicians
DUMPKS

Robot
Builder's
Bonanza
The DESIGN
of EVERYDAY
THINGS
HOMEOWNER'S
ENERGY
HANDBOOK

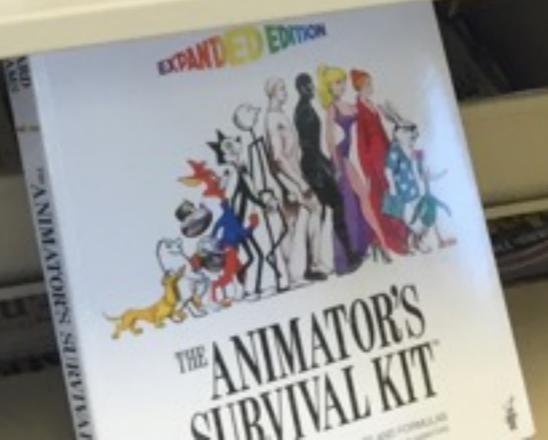
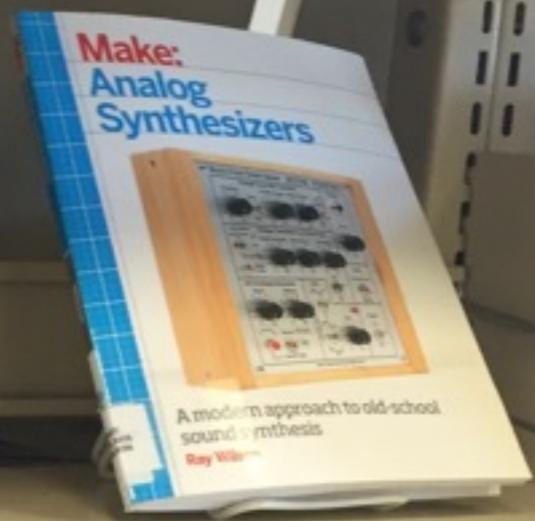
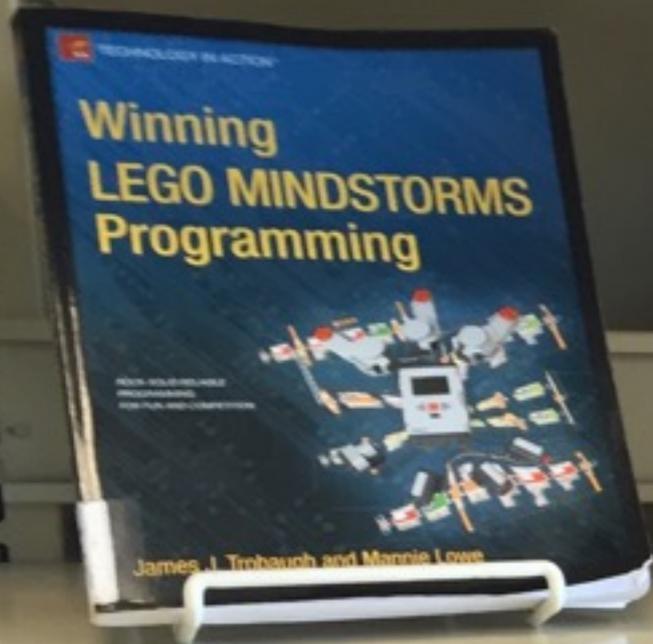
**SPEAK
FILM**
BRICK FLICKS

ANDREW HILLIARD
"ANIMATOR'S
SURVIVAL KIT"
GarageBand X
How it Works

**PYTHON
FOR KIDS**

**MAKER
DAD**
GO
CHIP KIDD







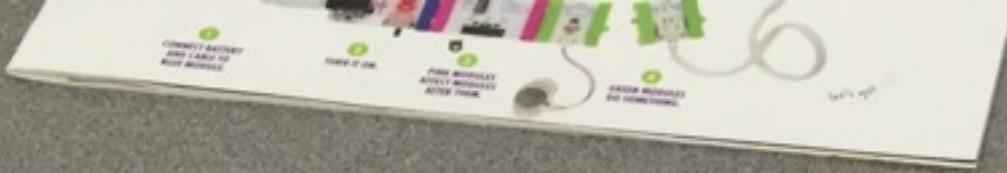
MakerStudio
@GCLS Jr.

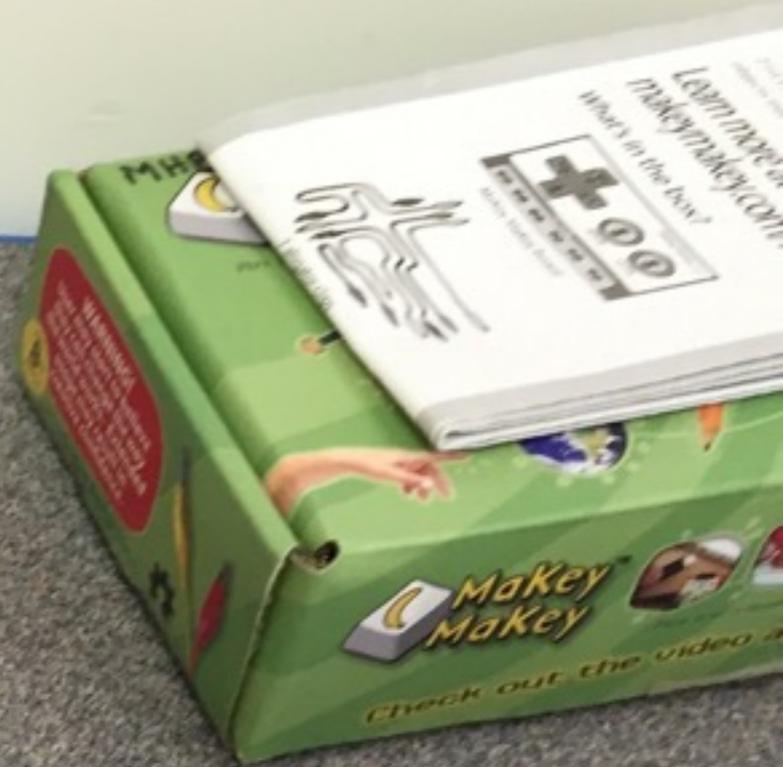
Keep your child safe!
Young children must
be accompanied by
an adult at all times.





welcome to littleBits







ATLANTIC CITY





P'UNK
AVE

Brother CS6000i
Sewing Machine
This is a computerized sewing machine with 23 built-in stitches and a needle threader. It is suitable for sewing a wide range of fabrics. It is a good choice for those who are new to sewing or those who want a machine that can do a lot of different things. It is also a good choice for those who want a machine that is easy to use and maintain.

Mini-Library
A collection of books and magazines for borrowing.

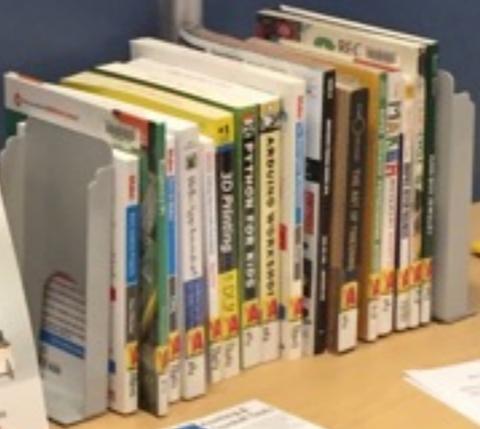




Photo Printer

Digital Cutter

To become a certified member of our community, you must meet the following requirements:

Audio Interface

Ableton Push

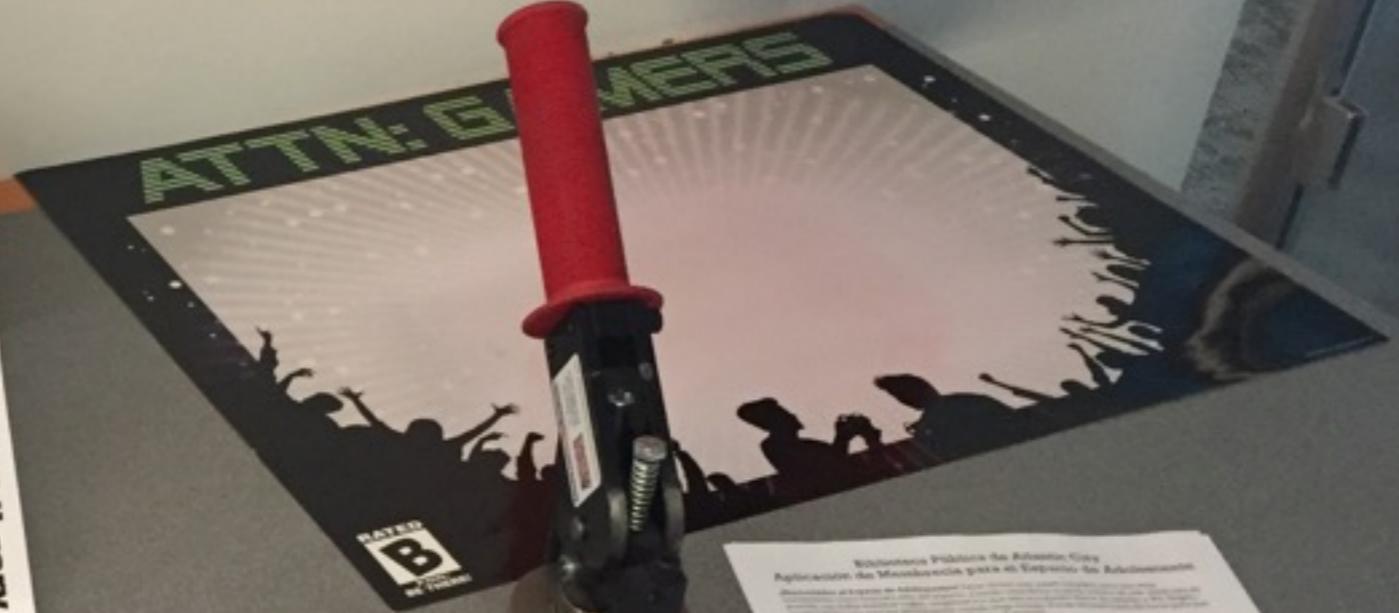
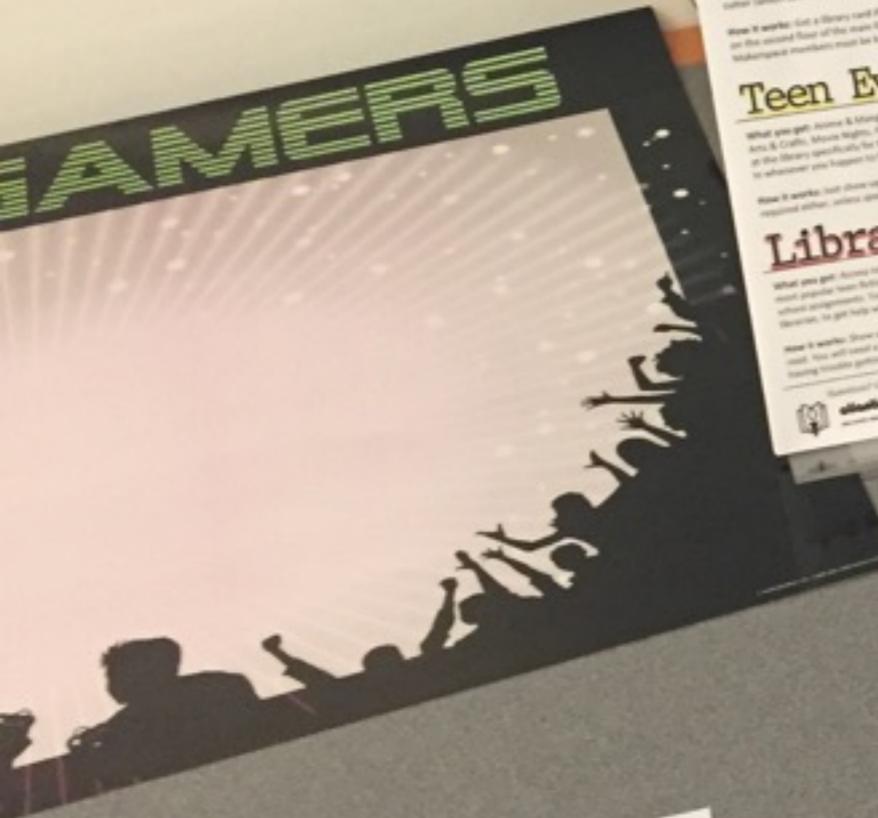
P'UNK
AVE



Live to Record
Ableton Live
To maximize your recording efficiency, you should record live to disk. This means recording your audio directly to the hard drive, rather than recording to a virtual instrument or software synthesizer. This method is faster and more efficient, and it allows you to hear the final result of your recording as you go.

Audio Interface
An audio interface is a device that connects your computer to your audio equipment. It allows you to record and playback audio from your computer. There are many different types of audio interfaces, and you should choose one that meets your needs. Some interfaces are designed for recording, while others are designed for playback. Some interfaces have multiple inputs and outputs, while others have only one. You should also consider the quality of the interface, as this will affect the quality of your recordings.

Ableton Push
Ableton Push is a MIDI controller for Ableton Live. It allows you to control Ableton Live's software instruments and effects. It has a grid of buttons and knobs that you can use to trigger notes, adjust parameters, and control the flow of your music. It is a very popular MIDI controller among Ableton Live users.



The Teen Lounge
 What you get: Access to our video game systems (PS4, Wii U, Xbox One, PC), Wii, Xbox 360, 50 minutes on the computer lab, 30 minutes on the regular computer, and a private lounge area on the second floor of the main library. All you have to do is fill out a sign! It's free and only takes a minute. Lounge members must be between 13 and 18 and have a card in good standing.

The Makerspace
 What you get: Access to all of our new best maker-space equipment. A hot glue gun, a green recording and production software, microphones, digital photo and video cameras, a digital screen, a photo printer, a sewing machine, an embroidery, video game design software, a digital cutter (which can cut vinyl for t-shirts or walls), and MORE. Everything is FREE or very cheap!

Teen Events
 What you get: Access to our teen-only computers, manga and graphic novels, magazines, all the Arts & Crafts, Movie Nights, Friction (AF), there's always at least one event per week going on at the library specifically for teens 13-18, plus self-directed crafts and projects you can participate in whenever you happen to be at the library. Everything is FREE!

Library Teen Zone
 What you get: Access to our teen-only computers, manga and graphic novels, magazines, all the most popular teen fiction plus some good or no-read books, and all kinds of stuff to help you with school assignments. You can also make use of our appointments with Ms. Wright, the teen librarian, to get help with jobs, college prep, homework resources, book lists, and more.

How it works: Show up at the right time at the library and use our materials on our computers, study or read. You will need a card if you want to check out any materials or use our computers. If you're having trouble getting a card, come see Ms. Wright!

Atlantic City Free Public Library

Atlantic City Free Public Library
Teen Lounge Membership Application

Member Name: _____
 Address: _____
 Phone Number: _____
 E-mail: _____
 How do you prefer to be called: _____

EXAMPLES
 I am applying for membership because I am interested in using the library's resources and I want to be able to check out books and use the computer lab. I am also interested in using the library's resources and I want to be able to check out books and use the computer lab.

COMMENTS
 I am applying for membership because I am interested in using the library's resources and I want to be able to check out books and use the computer lab. I am also interested in using the library's resources and I want to be able to check out books and use the computer lab.

LIBRARIAN
 I am applying for membership because I am interested in using the library's resources and I want to be able to check out books and use the computer lab. I am also interested in using the library's resources and I want to be able to check out books and use the computer lab.



How to use the "my library" button

1. Place the button on the paper. The button will be placed on the paper. The button will be placed on the paper.

2. Click on the button. The button will be placed on the paper. The button will be placed on the paper.

3. The button will be placed on the paper. The button will be placed on the paper.

4. The button will be placed on the paper. The button will be placed on the paper.

5. The button will be placed on the paper. The button will be placed on the paper.

6. The button will be placed on the paper. The button will be placed on the paper.

7. The button will be placed on the paper. The button will be placed on the paper.

8. The button will be placed on the paper. The button will be placed on the paper.

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April's Take Home Craft: Paper Pinwheels

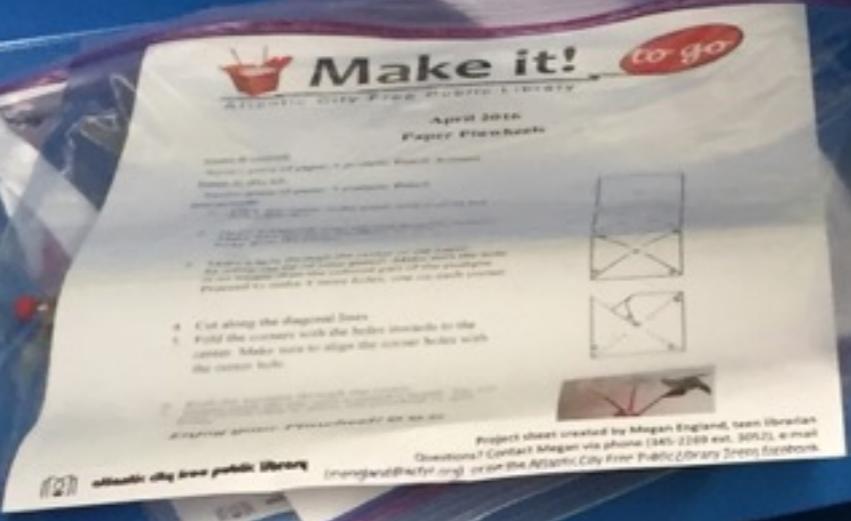
Ages 10-18

Take home a kit to make your very own paper pinwheel!

Questions about the craft? Need Help? Talk to Ms. Megan, the teen librarian:

By Phone: 345-2269 (dial 3052 when the recording starts)
By email: mengland@acfpl.org

On Facebook: "Like" the Atlantic City Free Public Library Teens page and send a message



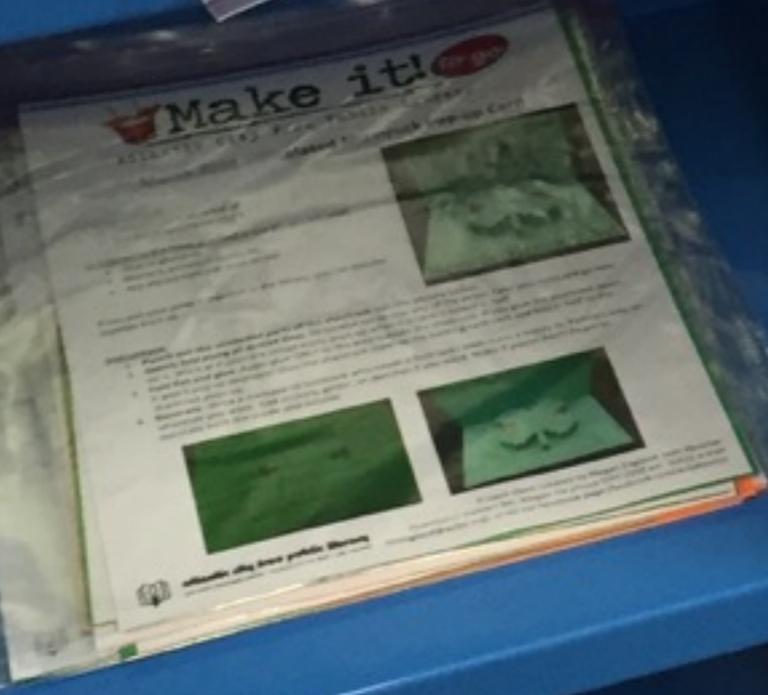
Make it! to go
Atlantic City Free Public Library

April 2016
Paper Pinwheels

Project sheet created by Megan England, teen librarian
Questions? Contact Megan via phone (345-2269 ext. 3052), e-mail
mengland@acfpl.org, or on the Atlantic City Free Public Library Teens Network

1. Cut along the diagonal lines.
2. Fold the corners with the holes inward to the center. Make sure to align the corner holes with the center hole.

atlantic city free public library



Make it! to go
Atlantic City Free Public Library

March 2016
Pixelated Shamrock Pop-up Card

atlantic city free public library

March's Take Home Craft: Pixelated Shamrock Pop-up Card

Ages 10-18

Take home a kit to design and bind your own book or journal!

Questions about the craft? Need help? Talk to Ms. Megan, the teen librarian:

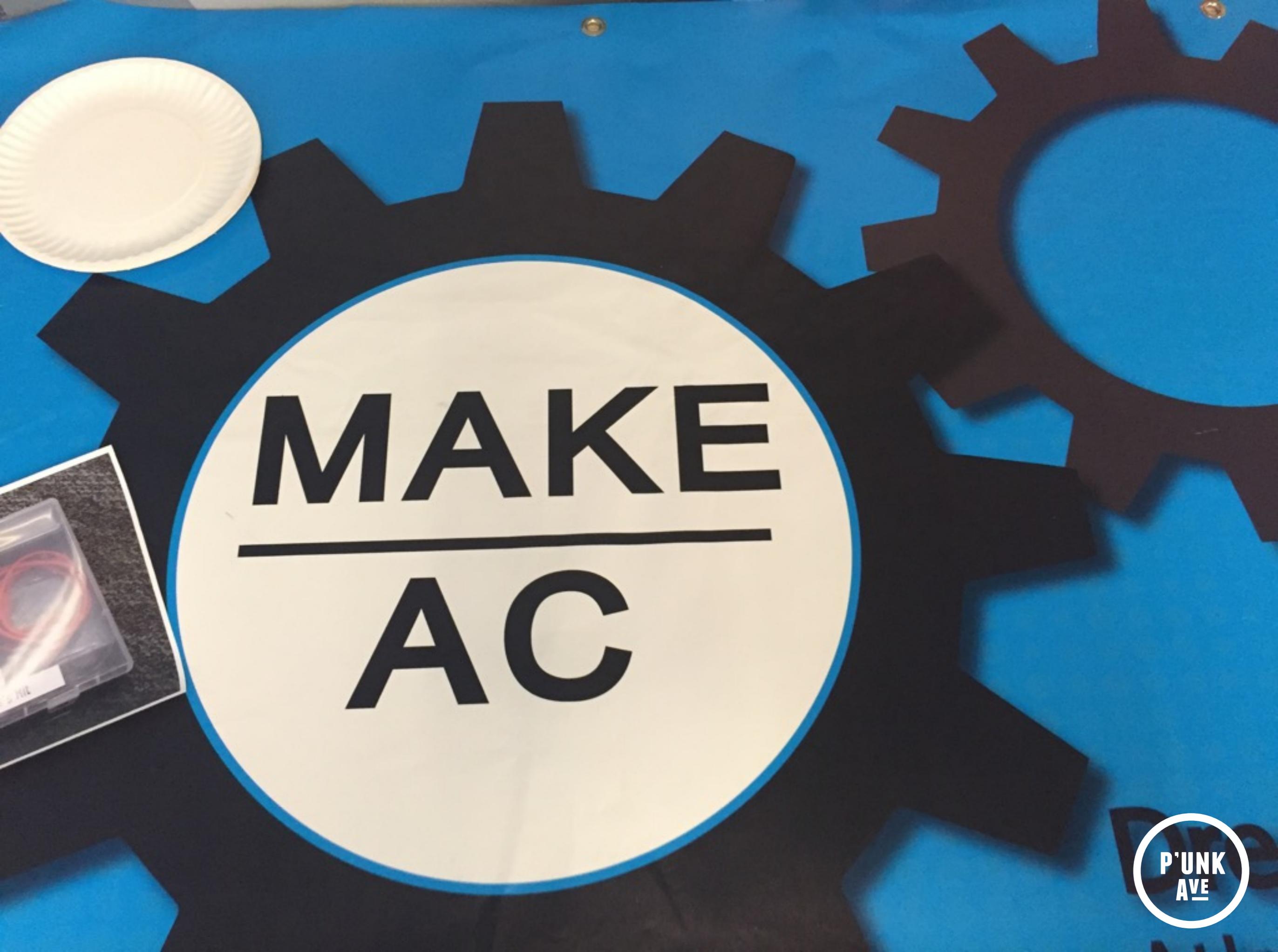
By phone: 345-2269 (dial 3052 when the recording starts)
By e-mail: mengland@acfpl.org

On Facebook: "Like" the Atlantic City Free Public Library Teens page and send a message

February's Take Home Craft: Valentine's 'Stained Glass'

Ages 10-18





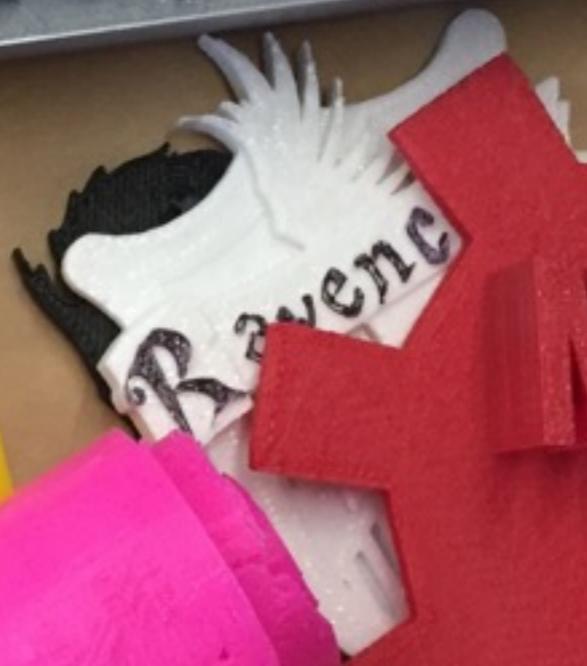
MAKE

AC

**P'UNK
AVE**

TEEN ZONE

Atlantic City Free Public Library



THE LOUNGE

EINSTEIN

P'UNK
AVE

ATLANTIC CITY TEEN SPACE

Staff Pick

Who I Am

YO. MISS

NEW

Magazines

Science Fiction & Fantasy

SIN OF CROWS

Stars Above

TRUTHMATTER

Thrillers & Horror

THE EDGE OF

THE

YA DIGS

YA DIGS

Stephan S. Gibson
2009
Youth Volunteers
Dress of the
MEET N. PATEL
Thun. Post
Renee Chan
Tina Jones
"I Love Great!"
Tish Chan
Add. Chan
April Hays
Jan. Robinson

TEEN SPACE



Behold The

AGENDA



Findings

One Thing

Positive Experience

Challenges

Mission

// Lunch //

Who, What, Wow!

Speed Dating

Write & Reflect

Q&A

KEEP IN MIND

**Write things you hear, learn, want
to try, etc in your journal**



FINDINGS



**YOU ARE ALL REALLY
AMAZING & GOOD PEOPLE!**



“

If there is any program I can provide from them that will boost their self confidence and their self image, **I will do it** because believing that you are able to do something is a key component in the learning process.

”

“THE MAKER MINDSET”



“

The one thing that I would come back to — what has gotten me passionate about the maker movement in general. I sort of refer to it as the **maker mindset**. It's a way of thinking about making and tinkering. In some ways it's almost like the force.

It does exist and it is powerful.

”

“

I think in a lot of ways... people get so focussed and so myopic on the stuff and the physical space... the four walls and the floor. **The really important stuff that can happen can sort of be lost.**

And that's where the **maker mindset** comes in.

”

“

In some ways, it's a **set of values**. The idea of being able to provide a place for people to come in and try out new ideas. The concept of **embracing failure** as part of the learning process.

Embracing what people call “**perpetual beta**” where nothing is ever quite finished. You are also sort of improving upon it. You are always making changes in what they call **iteration**.

”

“

You know, things like **design thinking** – and the great thing about that is that there are **frameworks and models** that people can employ to sort of strengthen those skills.

Going through the steps of thinking about problems and **having a set of steps or a set of principles that you can actually go through to solve a problem.**

”

“

Those are skills that can be learned. Those are skills that we can focus on and those are **skills that might not even require a space**. And I think that pedagogy that I mentioned... those learning constructs... those kinds of things... sometimes they can get lost or people don't know about them because they are so focussed on **“Where are we going to put that 3D printer?”**

”

“

I think if we **focus much more on the intellectual part of the maker movement**, I think people would find that it's much more not only approachable but much more doable.

”

“

It doesn't become as much of a challenge to be able to embrace it at your organization. To me that is the more important part, and I think it's the more interesting part of the whole thing. No matter what you have, it's really about what are people taking away from it? **What are people learning?** What are people able to do?

”

“

How are people able to change if that's a goal of yours... especially with younger people.

”

“

**That's not to diminish the
makerspace as a physical place,** but it
is a balancing act. And I think you have to
consistently remember to keep the balance.

”

“

If you can **strike the balance** between the space and the intellectual part of it then you are probably going to have a much higher chance of success and **having your audience engaged** and having them want more and really serving them.

Which for libraries is our ultimate goal.

”

EVERY COMMUNITY IS DIFFERENT



“

They had previously tried some technology based programs like Snap Circuits and LED lights. The feedback we got is that **it wasn't something people could take away and use in everyday life.**

”

“

And in our community, people are looking for necessary skills that they can use on a semi-regular basis. Many of them work multiple jobs, so their free time if it's going to be recreational **it needs to also have an added aspect of practicality.**

”

“

Sewing is by far our most popular program. People don't have machines at home, and they will come for the product we are making at each event, **but they will also bring their things from home that need mending...**

”

“

I had a woman come in... she was an at home nurse... so she had all of her scrubs and they needed repair and she didn't want to buy new ones so she brought them in to repair the little rips around the seams and whatnot **so she could use them again for work.**

”

“

Not everyone is going to be the same. Like any other service, **it should be a reflection of the community you are serving.** Targeting what your public wants or needs.

”

MAKERSPACES ARE GATEWAYS



“

If they leave a makerspace program after just making a hat and their flying high because they just made a hat and they're psyched about it, and they're already in the library and they see me, talking about that, **I get to encourage them, and maybe they stay a little longer.** We read a book or I point them to more resources. **It's a gateway to more things for them.**

”

“

So I really think it's critical that we offer these kinds of programs here. **We are one of the only places in this community where people can still get free education** when people are outside the public school system.

”

MAKERSPACES ARE A TOOL SHARE



“

And in some sense, **I see the makerspace as giving people the tools** – they are free to explore something new without having to go out and buy their own 3D printer. I think it makes perfect sense for the library as a resource for the community that we buy a book that is **shared by anybody in the community**. It's a cost savings for the community. **In as much as its possible, libraries can do that for other tools.**

”

JUST DO IT

“

Don't get bogged down in a lot of planning. **Just do it.** Don't worry about getting the policy just perfect. We stole another policy to make it work— don't get bogged down in the legalities of it. Show them how it works and **get them interested in it.**

Libraries shoot themselves in the foot to try something new because they don't have a policy for everything that could possibly happen.”

”

ONE THING



ONE THING

What is the one most important reason for cultivating a maker mindset in your community?

When you are finished, post your answer on the wall.



We can make,
not just CONSUME.

Promote entrepreneurship +
innovation to
strengthen local economies

give people the
power to create
their own!

People are making things to
sell because they can't find
good jobs that make them happy
or allow them to be creative.
We can help them with this

activating the maker mindset. why?
we want a community of doers...
not takers...
the mindset will only drive to benefit
the community as a whole

To foster an environment of
making, rather than just consuming.
Every one can make, they
just might not realize it yet.

URBAN COMMUNITIES NEED TO BEGIN
TO VIEW THEMSELVES AS CENTERS FOR
INNOVATION, BECAUSE I BELIEVE THAT
IT IS MERELY A MATTER OF CULTIVATION,
NOT NEW IDEAS; THE IDEAS ARE THERE.

To teach the community
that everyone can be a
maker and have their
ideas come to life.

Our youth have become
consumers of things,
we want to help
them be makers of
things

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not just CONSUME.

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sell because they can't find
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or allow them to be creative.
we can help them

actually we never market why?
we need a community of doers
not just ideas...
the mindset will only drive to build it
the community of doers

To foster an environment of
making rather than just consuming
we need to encourage people to make, they
will realize it yet.

Everyone can make.

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Our youth have become consumers of things, we want to help them be makers of things

Expand the futures for the youth in our Community!!

Crafting A Path That Will Lead Others To See The Future.

To bring people into the library who may not think they need it or belong there.

TO GET MORE PEOPLE TO OUR LIBRARY

Get more and maybe new or different patrons into our library

Our youth have become consumers of things, we want to help them be makers of things

Expand the futures for the youth in our Community!!

Crafting A Path That Will Lead Others To See The Future.

To invite more people in.

To help people see themselves as

creators of the future.

To bring people into the library who may not think they need it or belong there.

Get more people TO OUR LIBRARY

Get more and maybe new or different patrons into our library

Decreasing the fear in
learning new things +
having fun.
(ok that's 2 things)

It's never too late to
learn something new and
have that "I did that"
feeling.

STIMULATE CREATIVITY

Give the community a chance
to try & experience new things
that they may not otherwise
be able to do → learn - grow.

We want to give the
community the tools, knowledge
& resources to explore their
creative side & excel in their lives!

Inspiring

creativity!

Cultivating
exploration
and independence
↓
Being able to fix, build,
etc.

perpetual beta as
a way of life + work
in real aspects of #librarylife

Interaction
of ideas on a
personal level not just
digital.

Decreasing the fear in learning new things + having fun.
(ok that's 2 things)

It's never too late to learn something new and have that "I did that" feeling.

STIMULATE CREATIVITY

Give the community a chance to try & experience new things that they may not otherwise be able to do → learn - grow.

Stimulate creativity.

We want to give the community the tools, knowledge & resources to explore their creative side & excel in their lives!

Try new things.

creativity!

Cultivating exploration and independence
↳ Being able to fix, build, etc.

perpetual beta as a way of life + work in real aspects of #librarylife

Interaction of ideas on a personal level not just digital.

Learning new skills
creates confidence

ENCOURAGE
Self Discovery

To cultivate creativity
through technology in the
community.

Fostering critical,
creative thinking &
closing the gap
between us and
things.

Empowering ^{us}
(libraries)
+ our public

- Confidence -

As a children's librarian (& mom),
I love seeing kids' confidence grow
as they are exposed to new situations
and have the opportunity to develop
new skills.



Encouraging
Curiosity and preparing
our community
for what's next

Because
creativity is
a valuable skill

CONFIDENCE
&
SELF-RELIANCE



Learning new skills
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ENCOURAGE
Self Discovery

To cultivate creativity
through technology in the
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Empower people.

Encourage self discovery.

Foster creative & critical thinking.

Fostering critical,
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CONFIDENCE
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SELF-RELIANCE

SHARE + LEARN
WITH OTHERS

Giving our community
a creative outlet

To connect people in
the community by
sharing of expertise +
working together in the
makerspace.

Sharing knowledge
and hobbies to create
a community of people
interested in a variety
of interests

Building
community
ideas in
our organization

Foster
Collaboration

Sharing
skills & talent
among community
members
Libraries
as
Share Space

to develop a
"center" for our
community to work
together

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Share knowledge.

Build community.

Building
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Librarians
as
Share Space

to develop a
"center" for our
community to work
together

library as the center
for lifelong learning.

to share a lifetime of learning

To inspire my community
to engage in creative,
life-long learning.

To allow our community to realize
that a library can be so much more
than a book depository. That is
a place for everyone to learn something
new and to spark creativity - FOR FREE!

Exposing new
learning
pathways.



That the library is
the educational resource

that serves the entire community
(True lifelong learning)

library as the center
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to share a lifetime of learning

To inspire my community
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Encourage life long learning.

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Exposing new
learning
pathways.



That the library is
the educational resource

that serves the entire community
(True lifelong learning)

Legitimate

Fun

GENERATING
ENTHUSIASM

Legitimate

Fun

Have fun.

GENERATING

ENTHUSIASM

To keep EVOLVING
present maker space

Staying
Relevant

To free up
funding to
do more
than what we
do now.

Keep evolving & stay relevant.

To keep evolving
present water

Evolve
Release

To free up
do more
than what we
do now.

Cultivating this maker mindset will provide an outlet for children and adults who are not sports driven to express themselves and broaden their imaginations.

What is the one most important reason for cultivating a maker mindset in our community?

Including 'Arts' into the makers

Cultivating this maker mindset will
provide an outlet for children and
adults who are not sports driven
to express themselves and broaden
their imagination

What is the one most important reason for
cultivating a maker mindset in the first
place?

Including 'Arts'
into the makers

A place for everyone!

POSITIVE EXPERIENCE

P'UNK
AVE

LEARNING OBJECTIVES

Reflect with clarity on challenges, successes, and outcomes of your library's makerspace experiences to date.



REFLECTION

Describe a positive experience you've had as a result of having a makerspace in your library.

Write for two minutes in your journal.



SHARE

Share your **positive** written response with your group.





SHARE

Share your **positive** written response with your group.



CHALLENGES



LEARNING OBJECTIVES

Reflect with clarity on challenges, successes, and outcomes of your library's makerspace experiences to date.



REFLECTION

**Describe a challenge you have with
the makerspace in your library.**

Write for two minutes in your journal.



FINDINGS

CHALLENGES

CHALLENGES

More than a Room

One of our big challenges was going from having a room with equipment in it **to having a makerspace.**



CHALLENGES

Staffing

This is a huge issue. A lot of times people buy the equipment, but it sits in a closet.

What staff is interested? Director might want it, but staff might not be willing to staff it.

How willing are people to invest in human capital?

CHALLENGES

Staffing

Library can't just say we're going to have a makerspace, buy equipment, be so cool and hip without **staff and volunteers to assist, facilitate, mediate.**



CHALLENGES

Community Building

How much effort can staff put into
community building?



CHALLENGES

Attendance

Community is unique in the challenges they face. One big one is transportation. A lot take taxis, buses or walk. It's a walkable community.

Weather. Doesn't matter how interesting your event is, nobody will come if the weather is bad.



CHALLENGES

Programming is Important

We would do much better if we had the time to do classes. Has to be a holistic program if library is going to be interested in pursuing this successfully.



CHALLENGES

Ideas for Programming

Run out of ideas pretty quickly, would love to bring in more people for new ideas



CHALLENGES

Time

Just don't have it.

Would love to go to meetings at different cultural institutions and promote the programming there.



CHALLENGES

Demographics

Don't have a lot that appeals to boys in one library. In other libraries it is the opposite.



CHALLENGES

Resources

Computers are used constantly for other things—
makes it difficult to teach something like coding.



CHALLENGES

Language Barrier

Spanish is common language spoken in our community, and there are newly arrived folks to the USA.

We can offer bilingual presenter occasionally in programming, but it is challenging to cover all languages.



CHALLENGES

Marketing

A lot of people don't have personal devices — online marketing doesn't work.

Lower literacy - so difficult to market to people
Rely on word of mouth. Have to be patient when that's
you're main mode of communication.



CHALLENGES

Developing policy & dealing with liability issues

Access - what ages?

What is your general use policy?



CHALLENGES

Developing policy & dealing with liability issues

What types of equipment are you going to get?

Safety policies?



CHALLENGES

Developing policy & dealing with liability issues

What is your overhead for consumables?

What will you charge for vs. include in your budget?

(If you are going to be making things, there will be consumable supplies.)



WHAT CHALLENGES DO YOU HAVE?



ASSUMPTION

**We believe many of the
answers are in the room.**



ASSUMPTION

**We believe that lasting impact
will come from the time you will
spend helping and connecting
with each other.**



“

Not everyone is going to be the same. Like any other service, **it should be a reflection of the community you are serving.** Targeting what your public wants or needs.

”

THERAPY

**Opportunity to help each other work
through individual challenges.**



THERAPY

Each person will get 6 minutes to share a challenge and receive feedback from your group.



THERAPY

1. Each person will get 6 minutes to share a challenge and receive feedback from their group.
2. Move on to the next person when you hear the bell.
3. After everyone has gone, each table will have 2 minutes to share highlights with the room.



SHARE

Keep in mind: Write ideas and techniques in your journals

2 minutes each group



HIGHLIGHTS



CHALLENGE

People that are resistant to new technology.

SOLUTION

3D Print something that is practical that people can use. I printed a crochet hook for my boss and she was in love with it.



CHALLENGE

Learning how to use your equipment.

SOLUTION

Hand it off to volunteer teams that are excited about it and ask them to learn how it works and then tell me how to use it.



CHALLENGE

Getting attendance and community engagement.

SOLUTION

Community-wide call for makers. “What can you make?” “What can you bring to the library and show us how to make?”

“The mayor came in and ran a wood working program.”



CHALLENGE

Money issues, time constraints, and perceived value of makerspaces.

SOLUTION

Just let it go.

Try to do what you can with what you have. The more you do this, the more feedback you will get and hopefully the community will see the value over time.



CHALLENGE



Staffing.

SOLUTION



Find volunteers in the community.

Example: Some grocery stores have nutritionists and they will come and do nutrition programs and cooking classes.



CHALLENGE

Reaching different age groups.

SOLUTION

“Mommy and me” or “Family” programs to reach different age groups. If parents get interested in something, they can encourage their kids to do something and the other way around.



MISSION MAD LIBS

P'UNK
AVE

LEARNING OBJECTIVES

Articulate the value of library makerspaces to both your community and management team.



FINDINGS

**HOW DOES A MAKERSPACE
CONNECT TO YOUR MISSION?**



“

We recently changed our mission. We changed it to **“the library helps people pursue their passions.”** I very much see the library as providing support for people that want to share their own knowledge and expertise with other people in the community. I think our role is to instruct and help people finding information, finding correct information. **Helping them learn to do new things.**

”

“

For us, the way I bring it back to the core tenants of our **library serving the public**. It is about **access and opportunity**. The makerspace is an extension of us offering access for learning and growth.

”

“

We consider our mission to be literacy. And **skill building of any kind is something that we consider to be literacy.**

”

“

So whether that's building reading, math comprehension, or building computer skills, or if it's building tool skills. To us, it's all being **literate in some area that eventually leads to better critical thinking and thus better personal success.**

”

“

Additionally I always think of it is as the use impact, because I do work with the kids all the time. What I see among the kids in our community who economically struggling and oftentimes struggling against racial prejudice, and so on.

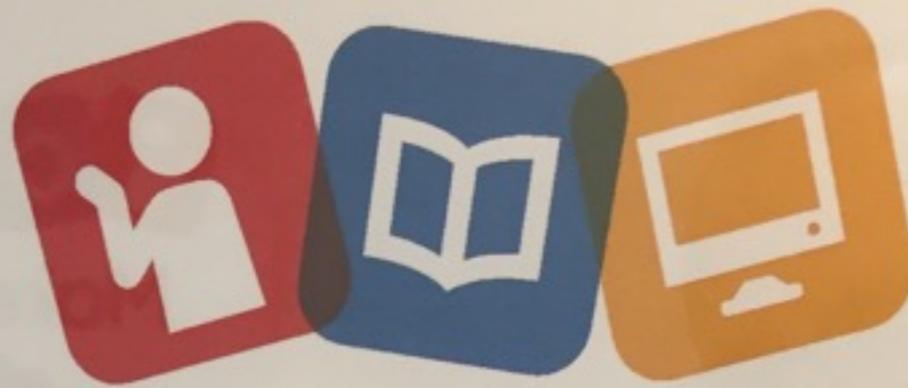
They lack self esteem in such an extreme way.

”

“

So if there is any program I can provide from them that will boost their self confidence and their self image, I will do it because **believing that you are able to do something is a key component in the learning process.**

”



GLOUCESTER COUNTY LIBRARY SYSTEM

◆ *Our Vision*

GCLS libraries are the center of an informed, engaged, and connected community.

◆ *Our Mission*

The Gloucester County Library System provides welcoming community spaces where people gather to learn, create, and have fun.



Makerspace Mission Mad Lib

My Library's Mission is _____
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes _____ to feel
(patrons)

_____, _____, and _____.
(adjective) (adjective) (adjective)

We want them to strive for _____ everyday and know we
(goal)

have succeeded when _____. As we move
(desired outcome)

forward, we hope to _____ with the goal of
(verb/phrase)

_____ in mind.
(desired outcome)

Fill out your Makerspace Mission Mad Lib!

1. Take 8 minutes to fill out your Makerspace Mission Mad Lib.
2. Share with everyone in your group.
3. Give feedback to each other as you go.



My Library's Mission is to provide welcoming community spaces
(mission)

where people learn, create, & have fun. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes everyone to feel
(patrons)

engaged, creative, and happy.
(adjective) (adjective) (adjective)

We want them to strive for community collaboration everyday and know we
(goal)

have succeeded when patrons are working toward common goals. As we move
(desired outcome)

forward, we hope to foster creativity & lifelong learning with the goal of
(verb/phrase)

improving community in mind.
(desired outcome)

My Library's Mission is to provide ^{School} community members with the tools ~~and~~
(mission)

~~to~~ to build knowledge and be ethical and productive global citizens. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes students + teachers to feel

② capable, ① curious, and undaunted.
(adjective) (adjective) (adjective)

(engaged
creative
happy)

We want them to strive ^{to} for try something new everyday and know we
(goal)

have succeeded when failure is a part of the process. As we move
(desired outcome),
not ~~engendering~~ a shutdown.

forward, we hope to create, make opportunities with the goal of
(verb/phrase)

independent, ^{oriented} process in mind.
(desired outcome)
thinking

Accomplished
something

Creativity
life-long learning

My Library's Mission is To help our public
(mission)

easily access resources/info. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes ↳ to feel
(patrons)

welcome, happy, and helped.
(adjective) (adjective) (adjective)

We want them to strive for to question everyday and know we
(goal)

have succeeded when their goals have been reached. As we move
(desired outcome)

forward, we hope to progress with the goal of
(verb/phrase)

their needs in mind.
(desired outcome)

My Library's Mission is to promote life long learning
(mission)

and support the needs of the community. With that in mind, I want to cultivate
(mission continued)

maker mindset that makes patrons of all ages ~~to~~ feel
(patrons)

inspired, empowered, and curious.
(adjective) (adjective) (adjective)

We want them to strive ~~for~~ to explore new things everyday and know we
(goal)

have succeeded when they tell us that they've learned or applied something. As we move
(desired outcome)

forward, we hope to evolve & keep updating with the goal of
(verb/phrase)

broadening knowledge in mind.
(desired outcome)

+ promoting curiosity / exploration

My Library's Mission is to engage + interact w/ patrons
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes children ~~patrons~~ to feel
(patrons)

motivabel, encouraged, and PROUD / accomplished
(adjective) (adjective) (adjective)

We want them to strive for to do well everyday and know we
(goal)

have succeeded when they smile or share ideas. As we move
(desired outcome)

forward, we hope to Reach ~~at~~ our patrons (inspire) with the goal of
(verb/phrase)

community in mind.
(desired outcome)

Experienced

My Library's Mission is

serve NJ Govt, IES, & General Public's International needs
^{1. 2. honors dissonance state university}

(mission)

_____ . With that in mind, I want to cultivate a

(mission continued)

maker mindset that makes

NJ State Employees

(patrons)

to feel

informed

(adjective)

excited

(adjective)

competent

(adjective)

We want them to strive for

being effective public employees

(goal)

everyday and know we

have succeeded when

more attend classes and use library resources

(desired outcome)

As we move

forward, we hope to

foster ideas & programming

(verb/phrase)

with the goal of

offering innovative learning opportunities

(desired outcome)

in mind.

My Library's Mission is to serve the informational, educational, cultural,
and recreational needs of all members ^(mission) of the Cranbury community,
to providing access to professional staff, up-to-date technology and

_____. With that in mind, I want to cultivate a
^(mission continued)
quality material, programs, and services.

maker mindset that makes patrons of all ages to feel
_(patrons)

empowered, creative, and _____.
_(adjective) _(adjective) _(adjective)

We want them to strive for learning something new everyday and know we
_(goal)

have succeeded when they are proud of something. As we move
_(desired outcome) they accomplished.

forward, we hope to expand opportunities for with the goal of
_(verb/phrase) patrons to learn new skills

realizing the benefit of in mind.
_(desired outcome)

having a library.
v
community.

My Library's Mission is to provide resources & space to
(mission)

our community
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes our community to feel
(patrons)

welcomed, encouraged, and proactive.
(adjective) (adjective) (adjective)

We want them to strive for trying something new everyday and know we
(goal)

have succeeded when show other patrons ~~at~~ patrons. As we move
(desired outcome)

forward, we hope to cultivate knowledge with the goal of
(verb/phrase)

sharing that knowledge in mind.
(desired outcome)

My Library's Mission is to provide information services
(mission)

and resources for our health system. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our team members to feel
(patrons)

Knowledgeable, caring, and helpful.
(adjective) (adjective) (adjective)

We want them to strive for patient satisfaction everyday and know we
(goal)

have succeeded when patient comments reflect this in their satisfaction. As we move always.
(desired outcome)

forward, we hope to expand patient services with the goal of
(verb/phrase)

healthy outcomes in mind.
(desired outcome)

My Library's Mission is to build community and enrich the
quality of life throughout Maplewood by bringing
together diverse people. With that in mind, I want to cultivate a
information and ideas

maker mindset that makes the community to feel
(patrons)

connected, inspired, and engaged.
(adjective) (adjective) (adjective)

We want them to strive for trying something new everyday and know we
(goal)

have succeeded when they feel empowered. As we move
(desired outcome)

forward, we hope to facilitate our patrons with the goal of
~~help the community~~
(verb/phrase)

more connected in mind.

(desired outcome)
community

Depts ^{being} Involved AND ~~Engaging~~ in
My Library's Mission is Digital project ENGAGEMENT
(mission)

^{with} ~~Self-Service Content~~ Self-Service Content. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes Students/Faculty and ^{campus community} to feel ^{members}
(patrons)

ENGAGED, creative, and Empowered
(adjective) (adjective) (adjective) ^{empowered}

We want them to strive for independent Learning everyday and know we
(goal)

have succeeded when minimal staff support is achieved. As we move
(desired outcome)

forward, we hope to engage others with the goal of
(verb/phrase)

Independence in mind.
(desired outcome)

My Library's Mission is Moving all libraries in NJ forward together.
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our members let's go together to feel
(patrons)

empowered, competent, and thoughtfully adventurous
(adjective) (adjective) (adjective)

We want them to strive for equity + access everyday and know we
(goal)

have succeeded when they share their stories + dreams forward ~ next. As we move
(desired outcome)

forward, we hope to continue to build + foster a community of practice with the goal of
(verb/phrase)

Strong community engagement in mind.
(desired outcome) supportable library + community

My Library's Mission is Support the personal, educational, and professional
(mission)

needs of all ages.
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes all community members to feel
(patrons)

innovative
~~patrons~~ included, and invested.
(adjective) (adjective) (adjective)

We want them to strive ^{to} for learning new things everyday and know we
(goal)

have succeeded when they achieve / do something they. As we move
(desired outcome) *once were intimidated by*

forward, we hope to expand our reach with the goal of
(verb/phrase)

full community engagement in mind.
(desired outcome)

→ when we begin learning from them

My Library's Mission is create, discover, empower
(mission)

interest
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes everyone to feel
(patrons)

competent, empowered, and enriched.
(adjective) (adjective) (adjective)

We want them to strive for learning everyday and know we
(goal)

have succeeded when the library is the center of community. As we move
(desired outcome)

forward, we hope to grow with the goal of
(verb/phrase)

visibility & acceptance in mind.
(desired outcome)

My Library's Mission is to promote a life long interest in
(mission)

library use and learning. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes customers of all ages to feel
(patrons)

accomplished, proud, and worthy.
(adjective) (adjective) (adjective)

We want them to strive for creative and fun thinking everyday and know we
(goal)

have succeeded when their ideas come to life. As we move
(desired outcome)

forward, we hope to aid them in accomplishing these thoughts with the goal of
(verb/phrase)

creating these ideas at the library in mind.
(desired outcome)

My Library's Mission is to be the center of the community. culturally, etc.
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes users to feel
(patrons)
curious, engaged, and wanting more.
~~welcomed~~ (adjective), ~~informed~~ (adjective), (adjective)

We want them to strive for satisfaction everyday and know we
(goal)

have succeeded when the user is satisfied with their results. As we move
(desired outcome)

forward, we hope to help foster our users with the goal of
(verb/phrase)

helping them with their goals in mind.
(desired outcome)

My Library's Mission is a community center that actively supports

(mission)

Sharing ideas, literacy lessons, and an understanding of Mexican history. With that in mind, I want to cultivate a

(mission continued)

maker mindset that makes our community to feel

(patrons)

Motivated

inspired
(adjective)

encourage creativity
(adjective)

passionate, confident, and engaged in learning
(adjective) at all levels

We want them to strive for active learning everyday and know we

(goal)

have succeeded when they are engaged in learning activities. As we move

(desired outcome)

forward, we hope to create a maker space with the goal of

(verb/phrase)

increased creativity & learning in mind.
(desired outcome)

My Library's Mission is to ~~be~~ be a bridge for our community
(mission)

to new ideas and to find their path in life.
~~to be able to explore things~~
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes ~~the~~ community to feel
(patrons)

engaged, adaptable, and creative.
(adjective) (adjective) (adjective)

We want them to strive for ~~inspiration~~ ^{inspiration} everyday and know we
(goal)

have succeeded when they have reached their ^{destination}. As we move
(desired outcome)

forward, we hope to adapt to our community's ^{path} with the goal of
(verb/phrase)

always innovating in mind.
(desired outcome)

My Library's Mission is access for its community's information
(mission)

educational, & recreational ^{needs & interests} With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our patrons to feel
(patrons)

empowered, knowledgeable, and confident.
(adjective) (adjective) (adjective)

We want them to strive for exp growth ^{& creative outlets, & independence} everyday and know we
(goal)

have succeeded when they produce something ^{that they can use or gain a new skill.} As we move
(desired outcome)

forward, we hope to increase our offerings ^{provide our patrons} with the goal of
(verb/phrase)

continued education in mind.
(desired outcome)

My Library's Mission is support the curriculum, teach info skills,
(mission)

and provide a collection + facility that supports personal interests/passions
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes students to feel
(patrons)

welcome, engaged, and intelligent.
(adjective) (adjective) (adjective)

We want them to strive for active learning everyday and know we
(goal)

have succeeded when they can use lib/info resources independently and effortlessly. As we move
(desired outcome)

forward, we hope to inspire them with the goal of
(verb/phrase)

experimentation and exploration in mind.
(desired outcome)

My Library's Mission is to bring community together.
(mission)
& make entrepreneurs.
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes community to feel
(patrons)
welcoming, encouraging, and supporting.
(adjective) (adjective) (adjective)

We want them to strive for a knowledge everyday and know we
(goal)
have succeeded when they ^{have} accomplished. As we move
(desired outcome)
forward, we hope to be consistent with the goal of
(verb/phrase)
achieving something in mind.
(desired outcome)

Makerspace Mission Mad Lib

My Library's Mission is to serve the ^{information and ~~maker~~ educational} needs of the
(mission)

citizens of West Caldwell. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes patrons and staff to feel
(patrons)

passionate, inspired, and excited.
(adjective) (adjective) (adjective)

We want ~~them~~ to strive for new ideas to implement everyday and know we
(goal)

have succeeded when our patrons tell us they ^{love what we are} ~~As we move~~ ^{doing}
(desired outcome)

forward, we hope to move forward with the goal of
(verb/phrase)

always responding to our patrons needs in mind.
(desired outcome)

My Library's Mission is to provide an ^{become} ~~available~~ outlet ^{resource}
(mission)

for our community imagination. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes the least imaginative to feel
(patrons)

empowered, engaged, and knowledgeable.
(adjective) (adjective) (adjective)

We want them to strive for growth everyday and know we
(goal)

have succeeded when they continue to ^{participate in or} return for more programs. As we move
(desired outcome)

forward, we hope to offer more variety with the goal of
(verb/phrase)

servicing more people in mind.
(desired outcome)

My Library's Mission is connecting people to information through
(mission)

libraries
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes all patrons
~~staff/employees~~
(patrons) to feel

engaged
(adjective), informed
(adjective), and challenged
(adjective).

We want them to strive for creativity
(goal) everyday and know we

have succeeded when they are inspired to innovate
(desired outcome). As we move

forward, we hope to design effective programs
(verb/phrase) with the goal of

fostering a new ideas
(desired outcome) in mind.

My Library's Mission is "strengthening community building connections,
(mission)

enriching lives"
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes Elizabeth citizens to feel
(patrons)

empowered, connected, and ~~accomplished~~
~~inspired~~
~~motivated~~ enlightened
(adjective) (adjective) (adjective)

We want them to strive for shared innovation everyday and know we
(goal)

have succeeded when groups are proud of their ideas, and. As we move
(desired outcome) their ~~start~~ experience changing them.

forward, we hope to get creative with the goal of
(verb/phrase)

community in mind.
(desired outcome)

My Library's Mission is to offer tools, technology & personal
(mission)
assistance to help patrons accomplish any & all goals
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes our community
(patrons) ~~to~~ feel
inspired, empowered, and encouraged.
(adjective) (adjective) (adjective)

We want them to strive for greatness
(goal) everyday and know we
have succeeded when we see their success
(desired outcome). As we move

forward, we hope to expand & grow
(verb/phrase) with the goal of

community empowerment in mind.
(desired outcome)

My Library's Mission is to provide information services
(mission)

and resources for our health system. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our team members to feel
(patrons)

Knowledgeable, caring, and helpful.
(adjective) (adjective) (adjective)

We want them to strive for patient satisfaction everyday and know we
(goal)

have succeeded when patient comments reflect this in their satisfaction survey. As we move
(desired outcome)

forward, we hope to expand patient services with the goal of
(verb/phrase)

healthy outcomes in mind.
(desired outcome)

My Library's Mission is to build community and enrich the
quality of life throughout Maplewood by bringing
together diverse people. With that in mind, I want to cultivate a
information and ideas

maker mindset that makes the community to feel
(patrons)

connected, inspired, and engaged.
(adjective) (adjective) (adjective)

We want them to strive for trying something
new everyday and know we
(goal)

have succeeded when they feel empowered. As we move
(desired outcome)

forward, we hope to facilitate our patrons
help the community with the goal of
(verb/phrase)

more connected in mind.
(desired outcome)
community

My Library's Mission is to create welcoming community spaces
(mission)

where people can learn, create and have fun
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes ~~members~~ ^{citizens} community members to feel
(patrons)

immersive, connected, and important.
(adjective) (adjective) (adjective)

We want them to strive for creative thinking everyday and know we
(goal) ~~from them~~

have succeeded when we begin learning in return. As we move
(desired outcome)

forward, we hope to share with everyone with the goal of
(verb/phrase)

connectedness in mind.
(desired outcome)

2 more connected community

Depts ^{being} INVOLVED AND ~~EVOLVING~~ in
My Library's Mission is Digital project ENGAGEMENT
(mission)

^{with} ~~with~~ Self-Service Content. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes Students/Faculty ^{and Campus community} to feel ^{members}
(patrons)

ENGAGED, creative, and Empowered
(adjective) (adjective) (adjective) ^{Empowered} ^{Enriched}

We want them to strive for independent Learning everyday and know we
(goal)

have succeeded when minimal staff support is achieved. As we move
(desired outcome)

forward, we hope to engage others with the goal of
(verb/phrase)

Independence in mind.
(desired outcome)

My Library's Mission is promoting literacy and lifelong learning
(mission)

for people of all ages. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes NJ residents to feel
(patrons)

empowered, educated, and enlightened.
(adjective) (adjective) (adjective)

We want them to strive for self-directed improvement everyday and know we
(goal)

have succeeded when they develop new skills. As we move
(desired outcome)

forward, we hope to evaluate, expand and redefine with the goal of
(verb/phrase) our services

creating new opportunities in mind.
(desired outcome)

for lifelong learning.

My Library's Mission is to connect the community to the
(mission)
library and encourage innovation & creativity. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our patrons to feel
(patrons)

welcoming, inspired, and creative.
(adjective) (adjective) (adjective)

We want them to strive for success everyday and know we
(goal)
have succeeded when they ~~share~~ share their knowledge with others. As we move
(desired outcome)

forward, we hope to work with the goal of
(verb/phrase)
connecting people in the community to the library and in mind. encourage them
(desired outcome) to work together to resolve issues

My Library's Mission is create lifelong learning opportunities
~~experiences~~
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes Patrons to feel
(patrons)

informed, empowered, and happy.
(adjective) (adjective) (adjective)

We want them to strive for new experiences everyday and know we
(goal)

have succeeded when our patrons and library board are satisfied. As we move
(desired outcome)

forward, we hope to continue with the goal of
(verb/phrase)

new knowledge and concepts in mind.
(desired outcome)

My Library's Mission is to continue growth and learning to all
(mission)

people in the community. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes people - the community to feel
(patrons)

empowered, knowledgeable, and confident.
(adjective) (adjective) (adjective)

We want them to strive for success everyday and know we
(goal)

have succeeded when growth and learning have taken place. As we move
(desired outcome)

forward, we hope to move forward with the goal of
(verb/phrase)

growth and learning have taken place in mind.
(desired outcome)

My Library's Mission is Serve the community
(mission)

. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes teens leeveryone to feel
(patrons)

empowered, Ready, and literate.
(adjective) (adjective) (adjective)

We want them to strive for knowledge everyday and know we
(goal)

have succeeded when we see them become more engaged. As we move
(desired outcome)

forward, we hope to Create more programming with the goal of
(verb/phrase)

teaching them relevant skills in mind.
(desired outcome)

My Library's Mission is _____
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes everyone to feel
(patrons)

engaged, involved, and a part of something
(adjective) (adjective) (adjective)

We want them to strive for collaborative learning everyday and know we
~~confronting~~ ^{will} ^{bigger than} ^{themselves}

have succeeded when curiosity in a new skill. As we move
~~a new~~ ^(goal) ^{people through learning + creating}
(desired outcome) or idea has been ^{sparked}

forward, we hope to explore new paths with the goal of
(verb/phrase)

_____ in mind.
(desired outcome)
* ~~keep~~ being open + welcoming
to all people +
ways of learning and creating.

My Library's Mission is connecting people, building community, transforming lives
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes everyone to feel
(patrons)

optimistic, enthusiastic, and creative.
(adjective) (adjective) (adjective)

We want them to strive for trying new things everyday and know we
(goal)

have succeeded when people are using the space + are happy. As we move
(desired outcome)

forward, we hope to use the space more with the goal of
(verb/phrase)

happy patrons in mind.
(desired outcome)

My Library's Mission is to promote life long learning,
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes each student to feel
(patrons)

empowered, confident, and positive.
(adjective) (adjective) (adjective)

optimistic
happy
creative
engaged
experiment!

We want them to strive for challenging themselves everyday and know we
(goal)

have succeeded when experiment and succeed (as well as fail). As we move
(desired outcome)

forward, we hope to evolve with the goal of
(verb/phrase)

providing meaningful experiences in mind.
(desired outcome)

My Library's Mission is committed to engaging minds, building connection + creating opportunities for individ. → comm-wide growth.
(mission) (mission continued)

maker mindset that makes Adults, teens + children to feel
(patrons)

accomplished, curious, and engaged.
(adjective) (adjective) (adjective)

We want them to strive for new experiences everyday and know we
(goal)

have succeeded when they try something new. As we move
(desired outcome)

forward, we hope to create curiosity with the goal of
(verb/phrase)

engagement in mind.
(desired outcome)

Youth

My Library's Mission is ^{to} provide resources for the community to enrich
(mission)

^{educate & empower, entertain} people of all
(mission continued) ~~ages & backgrounds~~

maker mindset that makes patrons from all to feel
(patrons)
~~ages & backgrounds~~

engaged, creative, and happy.
(adjective) (adjective) (adjective)

We want them to strive for social engagement everyday and know we
(goal)

have succeeded when they read, play, create & learn. As we move
(desired outcome) ^{together.}

forward, we hope to design programs & offer opportunities with the goal of
(verb phrase)

enriching our patrons in mind.
(desired outcome)

My Library's Mission is providing educational, informational,
cultural & recreational ^{resources & services to} our diverse comm. ^(mission). With that in mind, I want to cultivate a
^(mission continued)

maker mindset that makes all NB residents ^(patrons) ~~to~~ feel

capable ^(adjective), valuable ^(adjective), and HEARD/WOKE ^(adjective).

We want them to strive for Self-authorship ^(goal) everyday and know we

have succeeded when they use the skills we've helped ^(desired outcome) given them. As we move

forward, we hope to expand our services ^(verb/phrase) with the goal of

greater practical education ^(desired outcome) in mind.

My Library's Mission is to enrich, empower, educate & entertain
(mission)

people of all ages & backgrounds. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes all who participate to feel
(patrons)

proud, excited, and accepted.
(adjective) (adjective) (adjective)

We want them to strive for creativity everyday and know we
(goal)

have succeeded when they leave smiling (dancing, laughing)
(desired outcome) ~~or even~~ crying

forward, we hope to touch many in our community with the goal of
(verb/phrase)

creative success in mind.
(desired outcome)

My Library's Mission is provide access to the universe of information
to ~~the~~ diverse community of NB ^(mission) through print, video, audio,
etc. With that in mind, I want to cultivate a

(mission continued)

maker mindset that makes people of New Brunswick to feel
(patrons)

engaged, empowered, and educated.
(adjective) (adjective) (adjective)

We want them to strive for understanding everyday and know we
(goal)

have succeeded when we uplift our community. As we move
(desired outcome)

forward, we hope to progress with the goal of
(verb/phrase)

advancement in mind.
(desired outcome)

My Library's Mission is to be the cultural, intellectual & leisure
(mission)

learning space in town. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes Adults & Teens
~~Adults & Teens~~ to feel
(patrons)

creative, empowered, and able.
(adjective) (adjective) (adjective)

We want them to strive for new skills everyday and know we
(goal)

have succeeded when people are able to explore their. As we move
ideas ^(desired outcome) freely with the end result they want.

forward, we hope to expand our resources with the goal of
(verb/phrase)

helping the community in mind.
(desired outcome) grow & learn.

My Library's Mission is to inform, enrich, connect,
(mission)

and transform our community. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our precious snowflakes to feel
(patrons)

creative, empowered, and capable.
(adjective) (adjective) (adjective)

We want them to strive for life-long learning everyday and know we
(goal)

have succeeded when they keep going even after a failure or setback. As we move
(desired outcome)

forward, we hope to expand the maker mindset with the goal of
(verb/phrase)

greater community inspiration & involvement in mind.
(desired outcome)

My Library's Mission is to meet the Recreational, educational
(mission)

needs of the community. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes our community to feel
(patrons)

Welcomed, Self-Reliant, and engaged.
(adjective) (adjective) (adjective)

We want them to strive for increased library use everyday and know we
~~becoming a community center~~
~~increased library use~~
thinking of the library as there go to place
(goal)

have succeeded when we see people using the library for various activities. As we move
(desired outcome)

forward, we hope to show the public that we are more than computers & books. with the goal of
(verb/phrase)

increased library use in mind.
(desired outcome)

My Library's Mission is serve the public
(mission)

Community ^{engagement} Outreach

from adults. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes interesting to feel
(patrons)

accepted, engaging, and confident.
(adjective) (adjective) (adjective)

We want them to strive for Success everyday and know we
(goal) acknowledge us

have succeeded when they are successful &. As we move
(desired outcome)

forward, we hope to continue with the goal of
(verb/phrase)

continuous success in mind.
(desired outcome)

My Library's Mission is to support lifelong learning for
(mission)

all
(mission continued). With that in mind, I want to cultivate a

maker mindset that makes customers to feel
(patrons)

curious, engaged, and important heard
(adjective) (adjective) (adjective) (adjective)

We want them to strive ^{to} for learn something everyday and know we
(goal)

have succeeded when they attend frequently. As we move want to share their
(desired outcome) skills, knowledge, passion.

forward, we hope to refine our space & programs with the goal of
(verb/phrase)

constantly evaluating in mind
(desired outcome) & growing.

My Library's Mission is to help people pursue their passion.
(mission)

_____. With that in mind, I want to cultivate a
(mission continued)

maker mindset that makes the Community to feel
(patrons)

comfortable, useful, and connected.
(adjective) (adjective) (adjective)

We want them to strive for fulfillment everyday and know we
(goal)

have succeeded when they thank us. As we move
(desired outcome)

forward, we hope to expand our ~~usefulness~~ helpfulness with the goal of
(verb/phrase)

a stronger ^{vibrant.} community in mind.
(desired outcome)

WHO, WHAT, WOW!

**P'UNK
AVE**

FINDINGS

**WHERE WOULD YOU DIRECT
MORE FUNDING?**

Staffing

I would love to be able to afford staffing for at least 10 hours / week to keep the space open.

Sole focus is learning and going in depth.



Staffing

More instructors for different kinds of things – external instructors. After 2 to 3 classes of nobody showing up... they don't really come back.



Staffing

“Member that could teach and facilitate beyond me”

One key employee that went on to direct a library who was responsible for things on a programming end.



Programming

Would like to see our space expand more into the hard sciences. A lot of spaces are more electronic focussed.



Programming

Would love to do more technology (i.e. coding/
programming or mini-robotics) - tinkering



Programing

A whole Arduino program.

Could grow with the right staff members and resources. If there's a demand for it.



More Space

Currently are in a 8ft x 10ft room with not a lot of opportunity to make noise and move around with a bunch of people—the things needed to collaborate, for those things to go on.

Wednesday programs are so well received because **we're converting the whole meeting room to a space where people can see each other, work together.** But they're breaking down and setting up chairs in order to do that.



LEARNING OBJECTIVES

Implement new strategies, tools, and initiatives learned from other libraries and gain ideas for potential partnerships and connections to your service community.



WHO, WHAT, WOW!

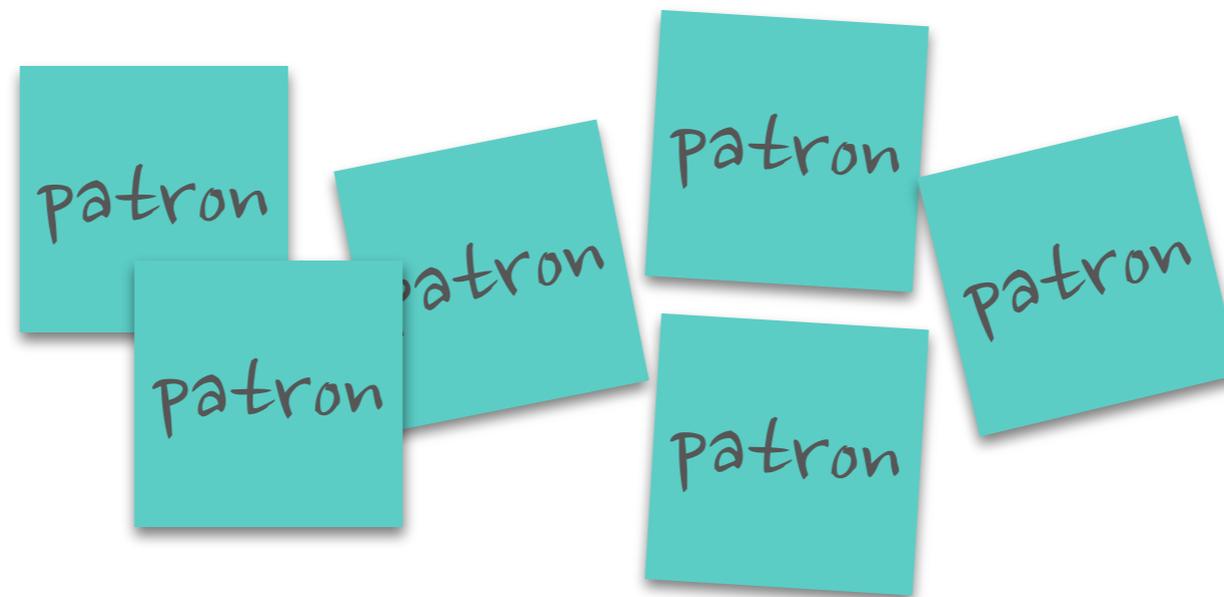
In this exercise, we're going to explore the following:

- Who do you want to be the primary patrons (users) of your makerspace?
- What do you want them to come and do?
- Wow! What delights them?



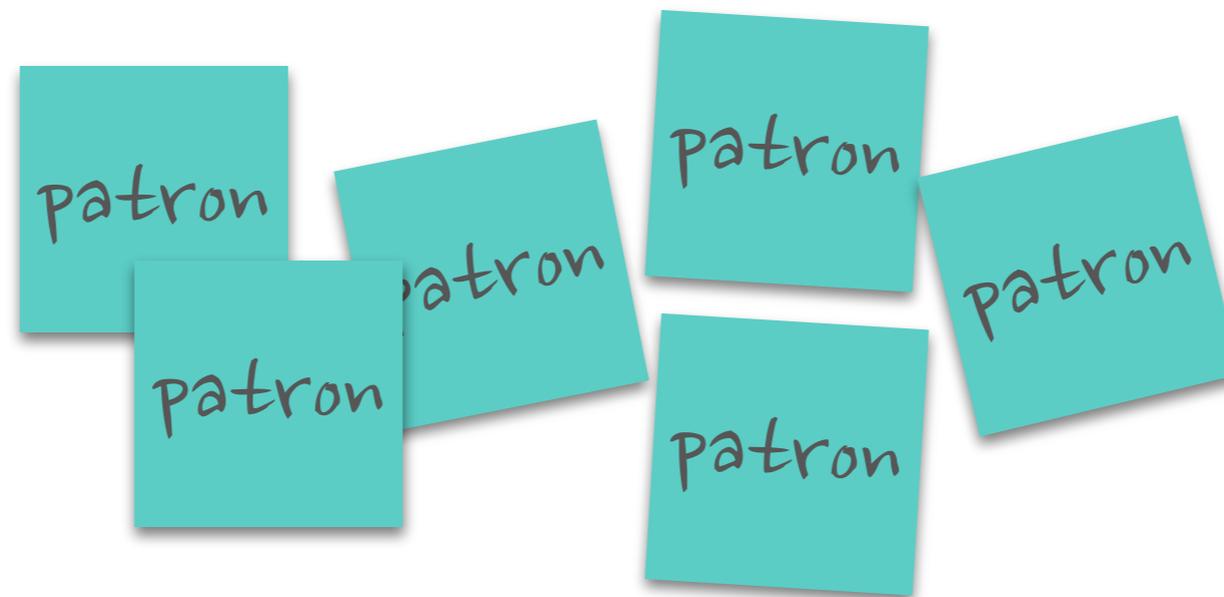
WHO, WHAT, WOW!

**Write each patron of your
makerspace on an individual post-it.**



WHO, WHAT, WOW!

**Write each patron of your
makerspace on an individual post-it.**



2 minutes

WHO, WHAT, WOW!

—

Pick two patrons to focus on.

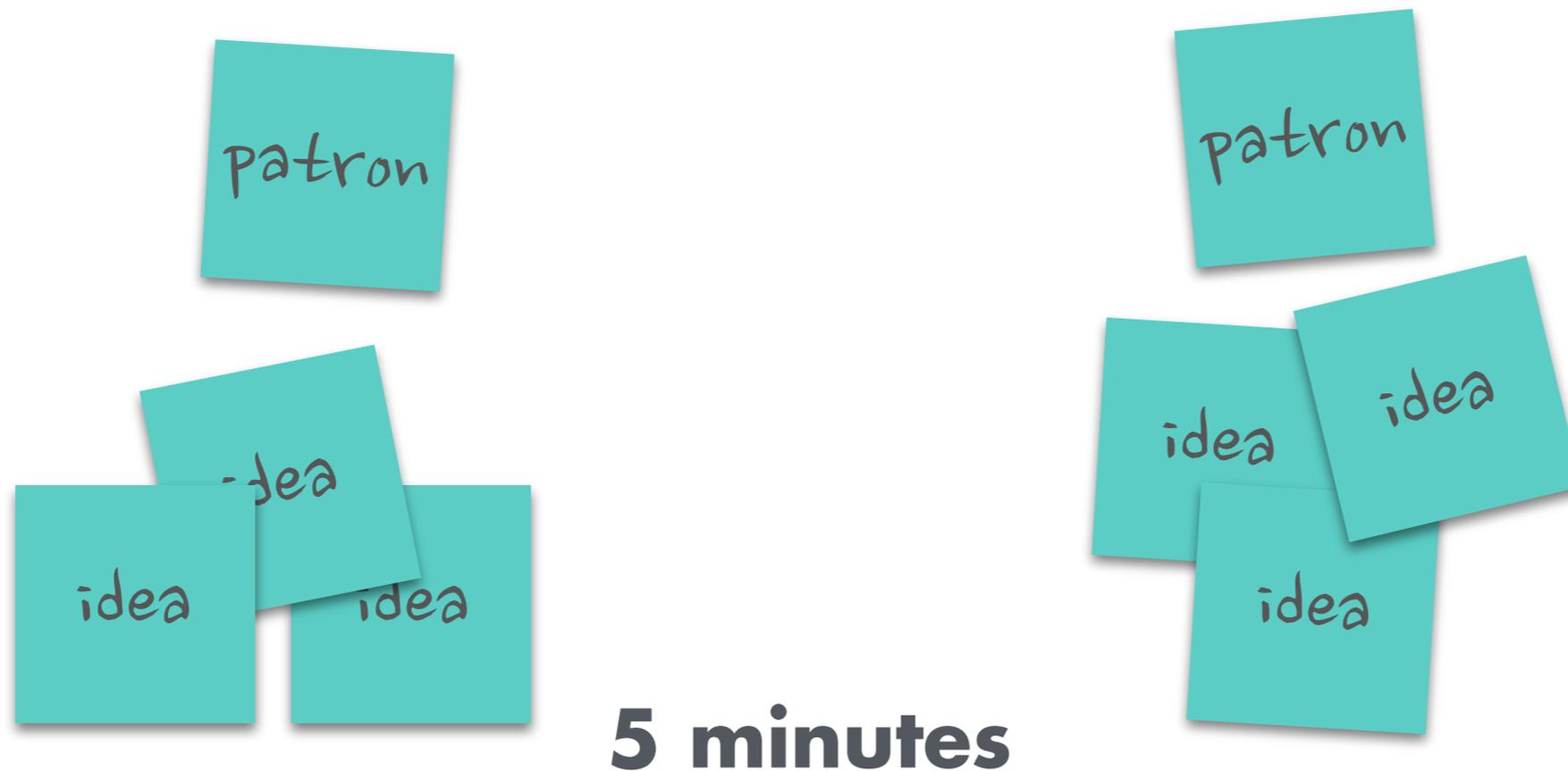
patron

patron

1 minutes

WHO, WHAT, WOW!

What do you want them to come and do in your makerspace?



WHO, WHAT, WOW!

Wow! What delights them?

patron

idea
idea
idea

wow!
wow!
wow!

patron

idea
idea
idea

wow!
wow!
wow!

5 minutes

WHO, WHAT, WOW!

Bring it together as a group!

patron tron

patron

Patron

patron tron

idea idea idea

idea idea

idea idea idea

idea idea idea

wow! wow! wow!

wow! wow!

wow! wow!

wow! wow! wow!

HIGHLIGHTS





Older folks/seniors

Boys

Working adults

Teachers

Teens

Learn new things

Refresh

Share cultural history

Feel welcome

Help to create

Things





WHO

WHAT

HOW



P'UNK
AVE

Doll Cats

...atters to a cat
... the fact that
... stroke them

8 minutes



WHO

—

Older folks and seniors.

WHAT

—

We we want them to be able to share their knowledge (crafts, making from specific culture), gain a sense of self worth and be validated.

WOW!

—

The wow for them is that they get a lot of energy from younger folks, so doing something for all ages.

WHO

—

Dads

WHAT

—

Empower them, help them feel welcomed. Show Dads that they can do anything — including sewing and knitting.

“We have a lot of dads who do manual labor in their work, so bringing that in and giving them self-worth.”

WOW!

—

The wow here would be helping them become teachers to share their trades.

WHO

—

Donors

WHAT

—

Having them have hands on experience with what they've donated.

WOW!

—

The public praise, finding something that they can make that relates to the book sales, learning new skills.

WHO

—

Kids

WHAT

—

Sewing programs, cooking programs, sauntering
programs, circuits

WOW!

—

Ability to show off what the groups have made, a lot of
play, recreation, life skills that they could use.

WHO

—

Overworked adults

WHAT

—

Help them relax and make fun things. “Why should the kids have all the fun?”

Cooking classes, learn what TinkerCad is all about, let them make jewelry.

WOW!

—

“Wow, I didn’t think about my job for 15 minutes!”

WHO

—

Adults — New adults, Mothers, Seniors

WHAT

—

Sharing their skills with their kids, doing more outreach
(knitting hats for cancer patients, etc.)

Giving them new skills, giving them tech literacy, teaching
for all ages.

WOW!

—

Help them become entrepreneurs, helping them be
comfortable with tech.

WHO

—

Teens

WHAT

—

Having them start up a radio group, having them collaborate with other teens, learn sewing skills.

WOW!

—

Food (pizza and ramon). Have the library better suit what they want to do.

WHO

—

Boys

WHAT

—

Moving/motion/tech.

Something they could cook and eat.

WOW!

—

The wow for this is having anything that has to do with
Minecraft / something to do with building.

WHO

—

Kids / Students / Teens

WHAT

—

Sewing programs, cooking programs, soldering programs, circuits.

WOW!

—

Ability to show off what the groups have made, a lot of play, recreation, life skills that they could use.

WHO

Entrepreneurs

WHAT

Help them learn Photoshop, draw a graphic novel, or learn new coding skills.

WOW!

They can sell their products in the new marketplace.

WHO

Kids

Kids
Students

Teens

THE "PIVOT" PEOPLE
- IMPORTANT SOCIAL CONNECTION

Home Schoolers

Parents

Adults

WHAT

Cooking -
- make pasta
- make waffle cooking

Learn to Fail

Prepping (Cooking)

Sewing

Experiment

PLAY

3-D Printing

Learn a skill by
- present - teach
- a class to learn
- a something
- unusual

Quitting
3-D Printing

Get outside
this world
zone

Be Creative

design

Have Fun!
LEARN

Explore
CREATE

socialize

Cook

do something

circuits

life skills
try

Making
A HALLOWEEN
COSTUME

transfer old
media to
newer format

WOW

Ability to
show off
what they make

Learning
Different

Ability to
show off
what they make

Making
things

food

free stuff
danger

Wow
Take still are
Exhibits of still
are

Wow
Take still are

Free stuff

Unvoiced
Explanation

New
Things to
play/Explore

being
appreciated

SPREAD
THE VIBES
- PROMOTE
JOB CREATION
JOB, P.D. INITIATION
- PAPER



food

free
stuff

danger

Take Staff Home
Exhibits of Staff
Made

feeling
apprec

to

one

SPREAD
THE WORD
- PROMOTE
THEIR CREATIVE
WORK

3-D Printing

Share a skill w/
others - teach
a class for kids
or something
cultural

Quilting

3-D Printing

Socialize

Cook

Cooking -
Blender cooking
Waffle cooking

Learn to
Fail

programming
(Coding)

Sewing

WHAT

Get outside
their comfort
zone

Learn to
Be Creative

design

eat
something

life skills

WHO

Business owners & entrepreneurs

adults

teens

teens

families

kids

Seniors

Adults

adults

teens

Teens

families

WHAT

Social impact - connect all these things back to community

teach skills to other partners

Sharing
Sewing

Writing
technology

encourage innovative play across age groups

basic mending skills

life skills
Reading
Story creation

celebrate creativity
Base judgement

entering craft on things

cooking
bookmaking
needle
Sewing or other skill

Develop new products

learn new job skills

technology

experiment
connect

Coding
knitting

Crafts

feel a sense of possibility

knitting

Sewing or other skill

WOW

Expand to guide line + give advice
opportunity to be the steps to class

partnerships local employers to get involved and
programs that incorporate community maker skills in a meaningful

woodworking

end result
Creation
accomplishment
positive reinforcement

a sense of community

seeing the library in a new light

end result
creation
accomplishment
positive reinforcement

3D printer

LEGO
Supernatural
batteries

Editing that they belong

develops a life skill while having fun

Completed proj

Completed proj

end result

new skill

impressing each other w/ original thoughts

a sense of belonging

Sense of accomplishment

Clothing tables

LEGO wall

I had Touch Screen gloves
sense of accomplishment



es

es

ra

celebrate
creativity

tinkering
craft on
the go

cooking
bookmaking
craft

escape
judgement

Sewing

use



(E1)

Suppowered
battery

Coloring
tables

wow?

EGO

wall

Feeling that
they belong

Patron

ids

Seniors

Feeling that
they belong

tinkering

Craft on

cooking



learn new job skills

technology Idea

connect

Coding thinking

design programs

feel of possi

Woodworking

end result
Creation
accomplishment
positive reinforcement wow!!

a sense of community

seeing the library in a new light

Games

end result
Creation
accomplishment
positive reinforcement wow!!

partnerships
local employers
to get trained and

tangible item

Programs that incorporate conveying maker skills in a resume

Completed proj

finch robotics Wow?

discussing a love of technology

pride

Sense of Accomplishment

end result

impressing each other w/ original thoughts

a sense of belonging

new skill

Wow
Touch screen
gloves

sense of accomplishment

WHO

business owners & entrepreneurs

adults

teens

families

teens

Teens

families

Adults

adults

teens

WHAT

Sharing

Idea

Writing

Idea

encourage innovative play across age groups

basic mending skills

life skills

Sewing

Idea

technology

experiment

Puzzle

reading story creat

at impact -
if feels is
ck to commu

teach skills to other patrons

teach basic sewing techniques

connect

upcycling

Crafts

Develop new products

technology

Idea

Coding
think



Develop new products

learn new job skills

technology

connect

Coding
thinking

WOW

Woodworking

end result
Creation
accomplishment
positive reinforcement

a sense of community

seeing the library in a new light

Experts to guide them + give advice

opportunity to be the expert to others

partnerships local employers to get trained and

Programs that incorporate conveying maker skills in a resume

Completed project

finch robotics

discussing a love of technology

pride

developing a life skill, while having fun

end result

new skill

impressing each other w/ original thoughts

a sense of belonging



WHO

Families

Parents

Teens

University

20's-30's

International Students

Teachers

Faculty

Digital Documentary Scrapbooking

robotics, coding

make the best graphic novel drawing by contests

Learn Photoshop graphic novels new coding skills learning computer skills

make/create projects on their own instead of paying for it.

Use equipment for work use → then spread the word! Spread word to students + coworkers

Create digital photobooks

knitting quilting creative crafts sewing

making a project using Arduino making railroads using Tinkercad

Think of this space as a destination for completing their ideas.

Enter contests together

Learn something their kids are doing - coding, minecraft, knitting

Create digital photobooks

Taking ideas on pinterest or etsy and being able to make it themselves.

Play minecraft

Crafts - as a creative outlet, just for fun

Get interested

to be able to share interests with their kids

to be exposed to how things work by computer programming

Learn sewing

Find community by each other

Code together

'Make' together

Craft together

to finally put all these digital photos somewhere to enjoy them more

to learn a practical + fun skill they can always continue to do

Teach minecraft Redstone

Learn coding

Core skills class

to create something just for the fun of it

to design a fun display of all their selfies/props

Public Showcase of Projects

Making team happy + relax

getting a job based on what they learned

Thinking of the makerspace as a one stop shop for many things

Open RIT

Offer nostalgic things

Tech in storytime

Offer ways to collaborate

once using space, letting me borrow into their classroom for an outreach program

Free! can schedule a training session to learn can bring equipment into classroom

Community Minecraft server

Exposing them to what library has to offer



Why should I do this?
All the fun! DIY -

They are
their P

pink sticky note

make new bags
graphic novel
drawing

lego contests

making a
project using
arduino

making
neckties

Learn
photoshop

graphic novels
new coding
skills

learning
computer
skills

make/create
projects on their
own instead of
paying for it.

Think of this
space as a
destination for
completing their
ideas.



Taking ideas o

WHO

// vo-tech kids
 // introverts!
 Seniors
 18-30 year olds
 Bill
 Trinity
 Jaden

WHAT

Volunteer
 Soldering
 Coding
 Sewing
 3D Printing
 Garden
 Teach Share Experiences
 Building Computer Programming
 make + ...
 Arduino multi-step project build confidence
 teach a class on mechanics
 make build ...
 practical life skills
 - Car Maintenance
 - Cooking
 Make a robot building series
 - Arduino course
 - Python and/or JavaScript
 - Raspberry Pi
 - Arduino
 - web design
 - email editing
 team-weight-bearing bridge of straws
 Sphero + coding
 make game (computer)

WOW

Collaborate
 Learn Something New
 Learn Something Practical
 Community Involvement
 Electronics Class
 Recording Studio!
 be a mentor
 be proud
 learn new tech skill
 WOW!
 - being access to tools and opportunities is a big deal
 - take any more things that you can



Electronics
Class

Recording
Studio!

LAN

Party

Game
Club

Watch
Party

be a
mentor

be
proud

learn
new
tech
skill

5 years)
oot.
ol.
le.

aden
ity

~~Twice~~
P.
Students
vo-tech
kids

~~Twice~~
kids
introverts!



★
Seniors

★
18-30
year
olds!

NS
State
Employees

Thomas
Edison
University
Staff & Students

Bill

step project
confidence

library skills

remote + web
- web hosting



practical
life
skills,...

- Car Maintenance
- Coding

Non traditional
leading services.

- video cameras
- button machines
- tablets
- cameras
- video games.

Tech-literacy skills

- image
- audio
- video
- gaming
- programming
- electronics
- 3D design/printing

- hosting
- web design.
- email hosting

Remote teaching
- web hosting design
- distance learning des
- mail order 3D
printing button
services

Crafting is maker
activities geared
towards fun!

- knitting
- sewing
- vinyl
- music creation
- tools

Actors

KIDS FROM
LOW INCOME
FAMILIES

young
girls

entrepreneur →

artists

Nurses

Career
Changes

Team Member
(Employee)

Work with
staff

Share info
on their trade
with others.

innovate

teach

Teach a
Skill

invent

beautify

Learn
write
column
journal

Learn skills
they normally
outsource, e.g.
3D design

share

design

something
concrete to
take home that
they can be
proud of

learn +
network
w/ potential
new colleagues

FILM
- CREATE
- TEACH KIDS

STEM PROJECTS
CIRCUITRY
3D PROT
PERSONALIZE

become
comfortable
asking questions

in field they
love but don't
work in yet

create



innovate

teach

invest

beautify

share

design

learn +
network
/ present
colleagues

create

Gold they
out don't
in yet.

access to

- Share
SKILLS

- Learn
from others

- Use information
RESOURCES



Crafts people

Crafts

- Learn a new craft

- Teach a craft

- Exchange information

Collaborate

WHAT

Team member
Employer

Teach
Skill

RECORD
- Film
- Teach
WORK

build childcare
collective

team/learn
crafts

Sensory
projects for
their kids

FILM
- CREATE
- TEACH K

trust
each
other

improve their
communication
skills

parents -
learn from

Foodways
- Canning / preserving



ART

WHO

Adults

SENIOR

MOTHERS

NEW Adults

Teens

① Special Needs Community
SPECIAL NEEDS POPULATION

Small business

Friends of the Library

TEACHERS

FREEHOLD

TEACH Soldering

START A HAM RADIO GROUP

GAMING STATIONS

CODING CLASSES

① Create without Judgment & Rules

be able to create promotional materials/marketing materials for their business

MONEY

brainstorm new maker ideas

① Finding/making a practical piece for every day

Share skills w/ kids/teens

② Help us reach other 20s & 30s

② Teach High Tech classes

gain tech literacy

Collaborate with peers

① Interact w/ others

print signs/banners

play with the little bits they bought

② Come into the library

② Bring in more tools

learn the value of Play for all ages

Puzzles

learn sewing skills for cosplay

① Branch out, find something new

SHARE

Appreciate

LAUNCH

② Some to

Skills that help with jobs

Anime

Video games - Super Smash

① Give them a purpose they can be proud of.

able to produce a commercial in their product WOW!

Public Praise

find something they can make that relates to the BOOK SALE

WOW

learns how to produce and edit a podcast WOW!

② Net w/ w/ Heavy - Entrepreneur Business Start

learn for the

learning what their devices can do

② ... food!

Pizza & Ramen

① Refine the programs to help them

New Skill

WOW! using a 3D printer, creates a prototype that can be used to see their idea

② Learn new skills

use space to create items for community outreach (ie Knit hats for cancer)

learn more tech stuff

print w/help

read prototype services



locate
peers

learn
Sewing
Skills for
Cosplay

Video games-
Super
Smash

①
Refine
the programs
to help them

①
Give them
something
to take
home!

①
learn more
stuff

w/ others
①
Branch out,
find something
new

①
Give them
a purpose
they can be
proud of.

New
Skill

WOW!
using a 3D
printer, creates
a prototype that
can be used to
sell their idea

able to produce
a commercial
in their
product
WOW!

SHARE

②
Learn
new skills

play with the
little bits they
bought

Public
Raise

Find something
they can make that
relates to the
BOOK SALE

Apprentice

① finding/making a practical piece for every day

② Come into the library

Share skills w/ kids/te

② Bring in more tools

LAUNCH

WOW

learns how to produce and edit a podcast
WOW!

use space to create items

TEACH Soldering

② Help us reach other 20s & 30s

② Teach High Tech classes

gain tech. literacy

learn the value of Play for all ages

PUZZLES.

② Some to

ALL SUPPL FOR the Program.

② Skills that help with Jobs

② Net

WAYS to make Money - Entrepreneur Business StartUp

feel non-forgettable tech

learning what their devices can do

START A HAM Radio Group

GAMING STATIONS

CODING CLASSES.

Collaborate with peers

learn Sewing skills for cosplay

Anime

video games- Super Smash

② ... food!

Pizza + Games

① Refine the programs to help them

① Create without Judgment & Rules

① Interact w/ others

① Branch out, and something new

① Give them a purpose they can be proud of.

New Skill

② Give them

more

be able to create materials their

print banners



WHO

Older folks/ seniors

Dads

YA

Kids

Community groups

Special needs (all ages)

DIYers

Grandparents

Adults

Seniors

Grades 3-5

Boys

up cycle/ recycle

use equipment for group purpose - pins, T-shirt

empower them. They can participate in their own learning. Show they can do anything... even sew

Learn the process of how their kids learn... see it in motion

Learn a new skill so they can become the teacher

think outside the box

- gather + learn something new - cook, art

Cultivate friendships

teach others

Painting class

Nutrition class

move - dance, exercise

Cook/Eat

Present to others - sewing circle

explore

discover a new community

create motion + tech projects

can do something they normally wouldn't have done

Share Latino cultural making

Refresh skills

Sense of self worth

\$/Ⓢ

science (hands-on)

Art/craft

Learn new skills

create

discover a new community

teaches kids that we are never too old to learn new things.

Motor skills crafts

receiving tutoring - teaching

Help create ideas

Learn to fail

Snap Circuits Program

Learn something useful to group

feeling included

access to tools

Gardening class

Not alone

Things that imitate MINECRAFT

Things that are active

LEGO

expand reach of group

feeling included

access to tools

Things that validate their place in family!

Things that take their advice into acct.

Things that are autonomous

teach

technology

FUN - new experiences

Get really inspiring instructors

Have as hands on as possible

make cool projects or things that can use



WHO

emerging adults (19+)

TEENS/TWOS

students K-12

retirees

Seniors

Artists

libraries

Entrepreneurs

WHAT

Play with tools they can't afford on their own

establish a relationship in their community

learn to model (new or reuse) • 3D objects

develop creative computational thinking skills

Use items that can be applicable to their lives - 3D printing - VHS to DVD

See what is out there

Find ways to relate to younger ages (grandkids)

create something useful

Creators

TEACH & MENTOR

TEACH

mentor teens or younger age groups

PROTOTYPE

TECHNISE

Preserve

Expand offerings

Bring n ideas at what else in the

Bring new users who don't use the library

Show others how stuff works

becoming a creator, not just consumer of dig media - wow!

ARDUINO

3D PRINTER

3D PRINTER

- SKETCHUP
- BLENDER
- TINKERCAD

Wow!
I can become an entrepreneur using skills + tools at the library

Wow - I made it myself!

WOW

Wow!
I can use technology to relate to my grandkids

Wow!
Libraries will let me use this stuff for free

Sewing Machine

Electronics Tools

Wow!
I can use a 3D printer to make practical things to use

123D CATIA

SKETCHUP SPANNER



WOW

show
others how
stuff
works

~~idea~~ Wow!
libraries will
let me use this
stuff for
free

Wow!
I can use
technology to
relate to my
grandkids

SEWING
MACHINES

becoming a
creator, not
just consumer
of dig media

ELFO
TO

community
ext. class

ages
(grandkids)

VSD

See what
is out
there

Preserve

Expand
offerings

ARDUINO

3D
PRINTER

3D
PRINTER

- SKETCHUP
- BLENDER
- TINKERCAD

Wow!
I can become
an entrepreneur
using skills +
tools at the
library

Wow -
I
made it
myself!

Wow!
I can use
a 3D printer
to make possible
things to use

12.3D CATCH

SKETCHUP
SCANNER

WHO

emerging adults (19+)

TEENS/Tweens
12+

students
K-12

- make something
- whatever
- cooperate with and work together

retirees

- learn technology
- share their expertise with the others in the community

Seniors

Senior Citizens

write memoirs of their biography and history/interviews

Historians

WHAT

Play with tools they can't afford on their own

establish a relationship in their community

learn to model (new or reuse) 3D objects

develop creative computational thinking

Use items that can be applicable to their lives

- 3D printing
- VHS to DVD

share their expertise with community teach a class

Find ways to relate to younger ages (grandkids)

Follow a design-implement process

- learning new technology

new technologies

using a new technology that I was scared of before

CREATE

create something useful



Citizens
make notes of
their biography/
oral history/interviews

Seniors

...together

- learning new technology
in new analogies

using a new technology that I was scared of before

CREATOR

TEACH & MENTOR

Mentor teens or younger age groups

Follow a design- implement process

learn to model (new or reuse)
• 3D objects

Use items that can be applicable to their lives
- 3D printing
- VHS to DVD

...their expertise with community of tech a class

Find ways to relate to younger ages (grandkids)

create something useful

TEACH

...work with others at the university

develop creative computational thinking skills

See what is out there

Preserve

...users who use the library

becoming a creator, not just consumer of dig media - wow!

ARDUINO

3D PRINTER

- SKETCHUP
- BLENDER
- TINKERCAD

Wow!
I can become an entrepreneur using skills at the library

Wow!
...will use this for

ELECTRONICS TOOL?



hardware.

Prototype new
ideas.

Can just keep
making more
stuff!



SPEED DATING!

**P'UNK
AVE**

LEARNING OBJECTIVES

Build a statewide community of practice among fellow library makerspace managers.



ASSUMPTION

We believe that lasting impact will come from the time you will spend helping and connecting with each other.



SPEED DATING

(5 MINUTES)



QUESTIONS TO ASK ON YOUR DATE



SPEED DATING

What was most useful to you?

What are you planning on doing next?

What are you inspired by?



DATE!

Remember you have 5 minutes per date. You will go on 4 dates.

Enjoy!





What was most interesting?
What are you planning on doing next?
What are you inspired by?





WRITE & REFLECT



REFLECTION

Write any goals or ideas you have or things you'd like to try.

Who would you want to work with that you met today?

What is the next actionable step to achieve each goal or try each idea?

This is just for you.





REFLECTION

Write any goals or ideas you have or things you'd like to try.

Who would you want to work with that you met today?

What is the next actionable step to achieve each goal or try each idea?

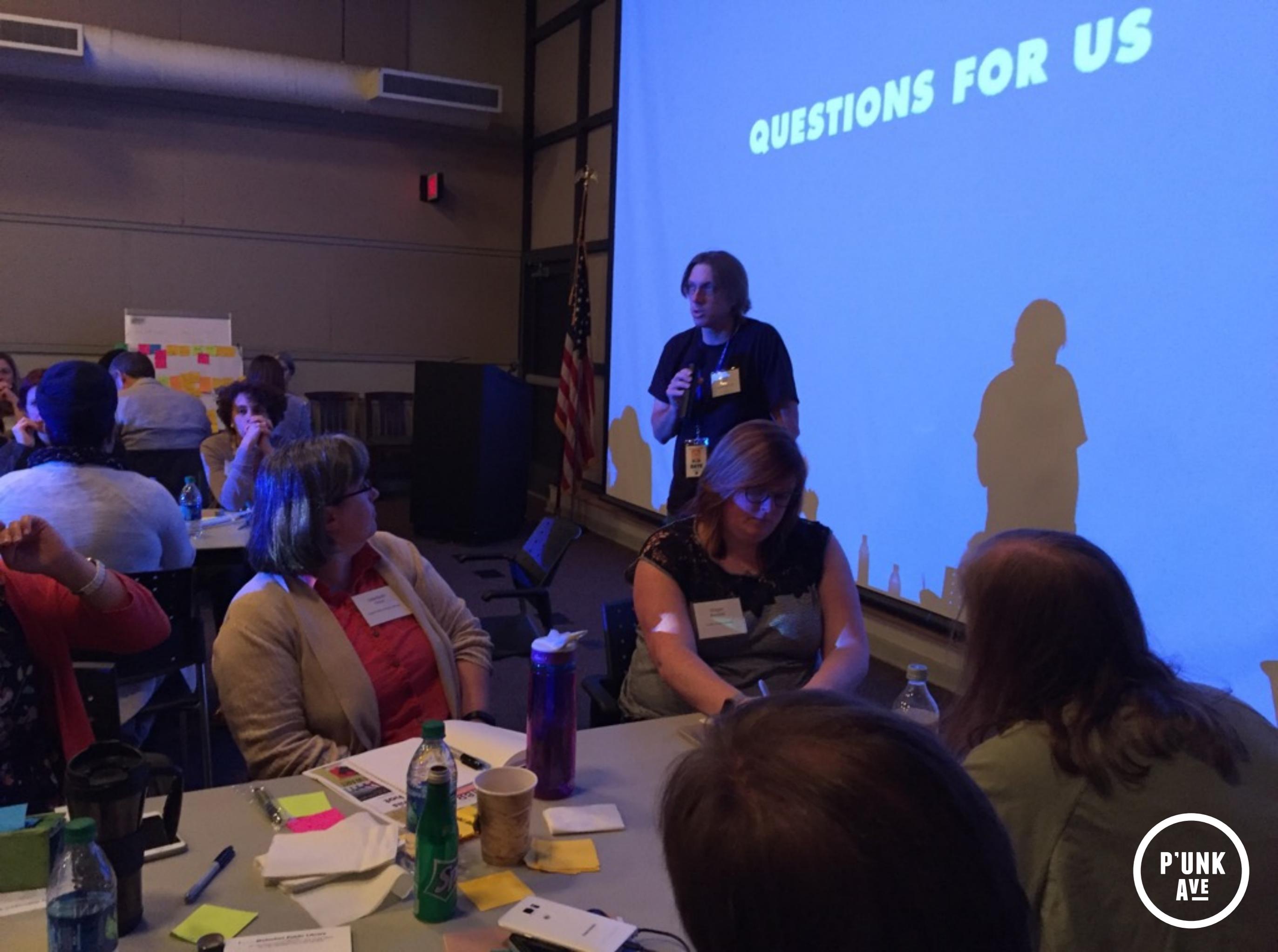
This is just for you.



Q&A



QUESTIONS FOR US



TOPICS DISCUSSED

“Perpetual Beta” different name for makerspace.

We make binary code bracelets. Kids translate out their names and string each letter onto a necklace or bracelet.

We do paper making from books that we’ve discarded.

Kids use pipe insulation, use duck tape to connect them, and use K’nex to build the structure. The kids have to work together to build the model roller coaster. It’s very popular.

Scott Pizza guy comes in, teaches about how to make it. Local pizza shops donates the pizza.

TOPICS DISCUSSED

Anime club, teaches them to make Japanese food.

Need a follow-up. Would love to see on the LibraryLinkNJ, a place where we could share our ideas and also a directory so that people could visit other libraries around the state.

NEXT STEPS



POSSIBLE NEXT STEPS

Library Makerspace Playbook

Directory of Makerspaces

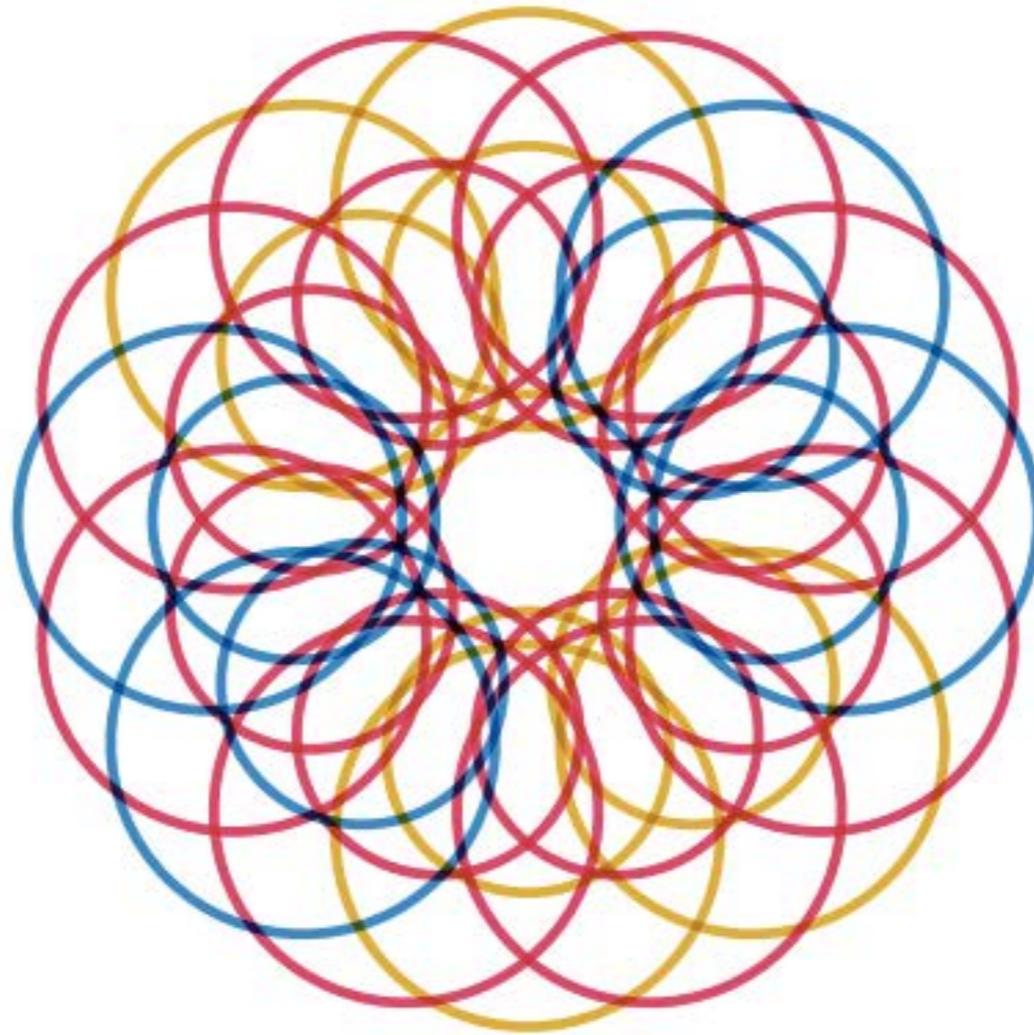
Additional Workshops

Website to Share Maker Project Ideas

Organized Regional Tours of Makerspaces

Creation of Group Chat (Slack, etc) to stay connected

YOUTH
MAKERSPACE
PLAYBOOK



MakerEd

THANK YOU!



STAY IN TOUCH!



GEOFF DIMASI
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