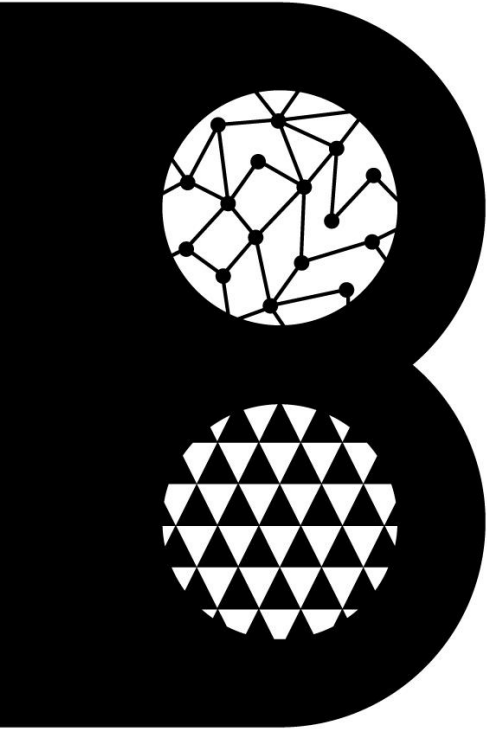


# Development Plan Overview



Hello!!

May 19th, 2022

Advisory Board & Grant Team  
Check-in



# Where is the info coming from?



## Environmental Technology Scan

- 50 responses (Tech Survey results sent 1/10/2022)

## Usage interviews with grant teams (2/7-3/10)

- 7 from Madison Public Library
- 8 from Waupaca Public Library
- 4 from Skokie Public Library
- 2 from Denver Public Library  
(Making Spaces partner & collaborator - Large Urban Library System)
- 1 from Sun Prairie Public Library -  
(regional partner & single suburban Library)

# Development Philosophy



- Being flexible to accommodate iteration and testing
- Reducing risk for failure upon delivery may change our testing structure (may be testing smaller components as we go)
- What stays the same
  - Initially in 3 locations
  - Adding additional (2-4) collaborators for refinement and creating best practices
  - 2 year timeline starting in September

# Seeking an innovative Partner



- We know we don't have everything figured out...
  - “Our development partner would be integral in the discussion of the scope of changes able to be made within the budget confines of the project, as well as highly encouraged to consider work arounds and creative solutions to the usage issues that arise.”

# 3 Goals of Development

**Goal 1: Data Collection Tool**

**Goal 2: Analysis Tool**

**Goal 3: Sustainability and Expanded  
User Community**

# Data Collection Tool



**Collecting data of observable patron behaviors that show evidence of outcomes:**

- Self-directed / self-determined learning
- Making connections & building relationships
- Developing confidence and pride
- Discovery & trying something new
- Fun, joy, fulfillment
- Deeply engaging with an activity or environment.

# Data Collection Tool



The data collected and the outcomes selected for tagging should be variable depending on the needs and desires of the institution.

The ability to alter or change what is tracked or selected over time is ideal.

- Everything from what kind of data, photos, quotes from participants, notes from facilitators
- Factors like materials, facilitator, location, attendance, age group, “type of program”

# Data Collection Tool



The most variable form of data collection proposed is an innovative way to measure or record elements of the overall environment and level of engagement amongst participants.

- ideate creative solutions for capturing a “vibe” of an experience or space
- a level of intensity of active participation.

This will be one of the key focuses of the testing period and the portion of data collection most subject to change.



# Assumptions of Data Collection

- It should not “interrupt the flow” of the making experience
- Tools should be quick and easy to capture (photos, talk to text, short notes)
- Integrated photo saving, talk to text, and easy tagging is needed
- The ability to edit, change, or make additions after a session is necessary
- Post session staff reflection can be added as an input with some organizing structures
- There is opportunity to add patron feedback solicited after the session
- Time spent to “close out” after each session should not exceed 15 minutes

# Analysis Tool



Our research showed that “hard numbers” are not as important or appealing unless they help understand the outcomes better.

More important is that the analysis toolkit provides easily generatable reports or summaries of data to show desired outcomes are present that a variety of stakeholders can easily understand.



## 2 Equally Weighted Purposes:

- Supporting Institutions in a Continuous Cycle of Improvement
- Supporting Outcome Sharing



MADISON  
PUBLIC  
LIBRARY

# Analysis Tool

## Supporting Institutions in a Continuous Cycle of Improvement

- Users should be able to compare variables and observed outcomes of ALL like programs to compare observable outcomes
- Users should be able to compare variables and observed outcomes of 2 programs side by side - what was the same, what was different
- Factors of a “successful program” based on a wanted outcome can be identified
- Information can be organized by a specific group of patrons - not by individuals - to see observable outcomes or even changes over time or over a series of program
- Administrators can compare facilitators by outcomes and observations
- Users can see what didn't work

# Analysis Tool

## Supporting Outcome Sharing

- Outcomes identified by data able to be determined and evidence organized in a digestible way
- Reports of linked data by outcomes (as well as other variables) are able to be generated
- Reports are easy to generate and include photos, text notes, tagging trends
- A variety of reports - by facilitator, by type of program, by series of program, by outcome, by period of time, by age group are able to be generated
- Outcomes NOT observed are able to be determined
- Unexpected outcomes are able to be reflected on and considered
- Data can be viewed by individual users and also all together in an administrative portal
- Data can be downloaded in saveable form by admin users

# Goal 3: Sustainability and Expanded User Community

## Questions:

- Best Practice is to make it open source, how do we factor this into our budget and cost structure?
- What infrastructure allows these tools to be the MOST accessible to the most libraries as well as within budget?
- What does 3rd party support for ongoing maintenance and adding new users look like and cost?
- How do libraries maintain control of their own data?

# Next Steps

1. Gather feedback from grant team & advisory partners
2. Receiving the Green Light from City IT & Purchasing
3. Put our RFP out to big (June 1st)
4. Receive questions and proposals (6 weeks)
5. Review proposals
6. Begin meeting with a developer in August/September 2022

# Questions?