Make It at the Library

Training Purpose:
Provide participants with the knowledge, resources, and skills to use selected tools for formal and informal tween/teen programming in library Make It spaces.

Desired Outcomes:
By the end of the training, participants will:
1. Be knowledgeable of tools to create basic electronics projects.
2. Set-up and operate a 3D printer.
3. Create basic 3D designs using CAD software.
4. Print 3D designs on 3D printers.
5. Provide feedback on steps for project and understand the need for a plan for their libraries in year two.
6. Generate ideas on effective ways to evaluate overall project and individual programs at their libraries.

Facilitators:
Erica Compton
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Sue Walker
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Make Media:
Courtney Lenz
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Nick Raymond
nraymond@makermedia.com

Agenda

12:30 p.m.  Check in, Networking, and Material Organization

12:45 p.m.  Introductions and Overview of Day

1:00 p.m.   Project One: Breadboards  Activity

2:00 p.m.   Project Two: PerfBoard Transfers  Activity

3:00 p.m.   Break

3:20 p.m.   Project Three: Conductive Ink with Touch Sensor  Activity

4:10 p.m.   Project Four: e-Textiles  Activity

4:40 p.m.   Closing Overview

5:00 p.m.   Suggestions for Purchasing Q and A  Presentation

5:20 p.m.   Workshop Ends

This project is funded through the Library Services & Technology Act, administered by the Institute of Museum and Library Services.
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Pilot Project
Participants:

Ada Community Library:
- Travis Porter
- Denise Burnett
- Alex Hartman

Community Library Network:
- Nick Madsen
- Morgan Chevally
- Denise Neujahr

Gooding Public Library
- Cindy Bigler
- Sue Sabala

Meridian District Library
- Megan Egbert
- Nick Grove
- Kate Radford

Snake River School Community Library:
- Sherrilynn Bair
- Emily Perkes
- Kim Jones

Agenda

8:00 a.m.   Breakfast; Networking, Admiring Printers

8:30 a.m.   Setting up your 3D Printer Workstation
            Installing the Software at your Library
            Fine Tuning Your Printer
            (break as needed)

11:30 a.m.  Evaluation Methods (Sue and Erica)

12:00 p.m.  Lunch

12:25 p.m.  Year Two—Where do we go from here?
            (Sue and Erica)

1:00 p.m.   Troubleshooting
            Tips and Tricks
            (Break as needed)

4:15 p.m.   Day One Review

4:30 p.m.   Workshop Ends

Facilitators:
- Erica Compton
  erica.compton@libraries.idaho.gov
- Sue Walker
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- David Ultis
  grasshopperrocket@gmail.com

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## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Breakfast and Networking, Activity</td>
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<tr>
<td>8:30 a.m.</td>
<td>Design:</td>
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<td></td>
<td>Choose your CAD</td>
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<td>Design for Reality</td>
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<td>10:15 a.m.</td>
<td>Break</td>
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<tr>
<td>10:30 a.m.</td>
<td>Explore and Experiment</td>
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<td>Troubleshooting</td>
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<td>Improving your Design Methods</td>
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<td>12:00 p.m.</td>
<td>Lunch</td>
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<td>12:25 p.m.</td>
<td>Year Two—Where do YOU go from here?</td>
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<td>1:00 p.m.</td>
<td>Beginning Independent Enrichment</td>
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<td>Creative Programs and Projects</td>
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<td>3:45 p.m.</td>
<td>Workshop Evaluation and Closing Remarks</td>
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<tr>
<td>4:00 p.m.</td>
<td>Workshop Ends</td>
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