

November

6

# Make It at the Library

2013

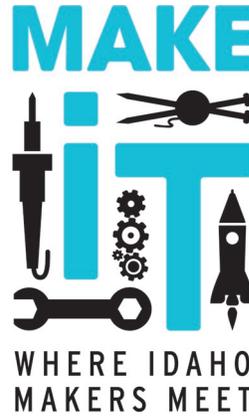
## Training Purpose:

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](mailto: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**

5:00 p.m. Closing Overview  
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

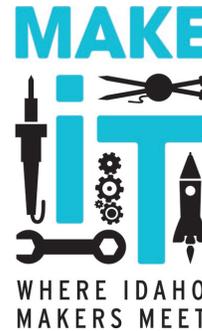
- ◆ Cindy Bigler
- ◆ Sue Sabala

#### Meridian District Library

- ◆ Megan Egbert
- ◆ Nick Grove
- ◆ Kate Radford

#### Snake River School Community Library:

- ◆ Sherrilynn Bair
- ◆ Emily Perkes
- ◆ Kim Jones



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David Ultis

[grasshopperrocket@gmail.com](mailto:grasshopperrocket@gmail.com)

## Agenda

|            |  |                      |
|------------|--|----------------------|
| 8:00 a.m.  | Breakfast; Networking, Admiring Printers       |                      |
|            | <b>Setting up your 3D Printer Workstation</b>  |                      |
| 8:30 a.m.  | <b>Installing the Software at your Library</b> | <b>Presentation</b>  |
|            | <b>Fine Tuning Your Printer</b>                | <b>Activity</b>      |
|            | <b>(break as needed)</b>                       |                      |
| 11:30 a.m. | Evaluation Methods (Sue and Erica)             | Discussion           |
| 12:00 p.m. | <b>Lunch</b>                                   |                      |
| 12:25 p.m. | Year Two—Where do we go from here?             | Discussion           |
|            | (Sue and Erica)                                |                      |
| 1:00 p.m.  | <b>First prints</b>                            | <b>Demonstration</b> |
|            | <b>Fine tuning prints</b>                      |                      |
|            | <b>Troubleshooting</b>                         |                      |
|            | <b>Tips and Tricks</b>                         |                      |
|            | <b>(Break as needed)</b>                       |                      |
| 4:15 p.m.  | Day One Review                                 | Discussion           |
| 4:30 p.m.  | <b>Workshop Ends</b>                           |                      |



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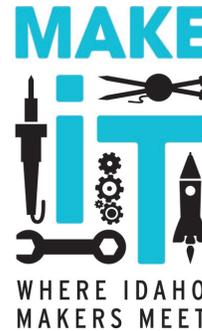
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David Ultis

[grasshopperrocket@gmail.com](mailto:grasshopperrocket@gmail.com)

## Agenda

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



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