**Training Purpose:**
Provide participants with the knowledge, resources, & skills to implement & evaluate formal & informal teen maker programming.

**Desired Outcomes:**
By the end of the training, participants will:

1. Increase understanding of 3D Printers & relevant software programs.
2. Increase understanding of 3D design software.
3. Develop skills to implement formal & informal teen programs using 3D design and printing.
4. Identify outcomes and evaluation indicators for use in making in the library.

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8:30 a.m.</td>
<td>Light Breakfast, sign in, and networking</td>
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<tr>
<td>8:55 a.m.</td>
<td>Welcome &amp; Housekeeping</td>
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<td>Agenda Review</td>
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<tr>
<td>9:00 a.m.</td>
<td><strong>Getting Started</strong></td>
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<td></td>
<td>Choosing a printer; Buying options; Software</td>
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<td>10:00 a.m.</td>
<td>Getting Started continued</td>
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<tr>
<td></td>
<td>Your first print</td>
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<td></td>
<td>Printer anatomy (Hardware)</td>
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<td>Print: calibration cube</td>
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<tr>
<td>11:00 a.m.</td>
<td><strong>Software for 3D Printing</strong></td>
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<tr>
<td></td>
<td>3D modeling/CAD Software</td>
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<td></td>
<td>Slicing/CAM software</td>
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<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
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<td>Pacific Northwest Girls Collaborative Network</td>
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<td>FabFems; SciGirls</td>
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<td>1:00 p.m.</td>
<td><strong>Software for 3D Printing continued</strong></td>
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<td></td>
<td>Printer Controller/Client Software</td>
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<td>Print: fan shroud - use Cura to slice, Repetier to control printer</td>
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<tr>
<td>3:30 p.m.</td>
<td><strong>3D Design for a beginner</strong></td>
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<td></td>
<td>Computer Aided Design (CAD)</td>
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<td>Types of Modeling Software</td>
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<td>DEMOs</td>
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<td>4:30 p.m.</td>
<td>Questions</td>
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<td></td>
<td>Preview of Day 2</td>
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<tr>
<td>5:00 p.m.</td>
<td>End of Day</td>
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</tbody>
</table>

Facilitators:
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Adam Day—Twin Falls Public Library  
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Agenda

2014 Cohort Libraries:
- Aberdeen District Library
  - Stephanie Adamson
- Buhl Public Library
  - Amanda Hatfield
- East Bonner County District Library
  - Morgan Gariepy
- Jerome Public Library
  - Linda Mecham
- Portneuf District Library
  - Morgan Gariepy

2015 Cohort Libraries:
- Bear Lake District Library
  - Brandee Wells
  - Mary Nate
- Burley Public Library
  - Julie Woodford
  - Linda Barney
- Caldwell Public Library
  - Fiona May
  - Abraham Valadez
- DeMary Memorial Library
  - Ayessiah Rubio
  - Shambry Emero
- Marshall Public Library
  - Jamie Bair
  - Kath Ann Hendricks
- North Bingham District Library
  - Sesha Hammond
  - Kaylene Christiansen
- Payette Public Library
  - Deleice Ward
  - Erin Haley
- Shoshone Public Library
  - Clay Ritter
  - Sarah Stowell
- Centennial High School Library
  - Gena Marker
- Heritage Middle School Library
  - Amy Armstrong

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September 15, 2015

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