MAKERS IN THE SCHOOL LIBRARY

MAKE IT AT THE LIBRARY
Where Idaho Makers Meet
Session Objectives

1. To inform participants about the importance of making for children of all ages.

2. To introduce participants to a variety of activities which foster critical thinking and creativity and to present new tools, technologies, and materials that can be used in school library settings.

3. To share information and resources on how to get started with making.
WHY... MAKING?
LEARNING THROUGH DOING

CONSUMER ➔ PRODUCER

NOVEL APPLICATIONS OF TECHNOLOGIES

OPEN SOURCE & FREELY SHARED

PEER-LED & SHARED LEARNING
## WHAT IS MAKING?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hands-on</th>
<th>Social</th>
<th>Technology-infused</th>
<th>Innovation-driven</th>
<th>Leisure pursuit</th>
<th>Project-based learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Making</td>
<td>always</td>
<td>always</td>
<td>always</td>
<td>yes</td>
<td>sometimes</td>
<td>always</td>
</tr>
<tr>
<td>DIY</td>
<td>always</td>
<td>sometimes</td>
<td>sometimes</td>
<td>sometimes</td>
<td>sometimes</td>
<td>sometimes</td>
</tr>
<tr>
<td>Crafting</td>
<td>always</td>
<td>sometimes</td>
<td>rarely</td>
<td>rarely</td>
<td>always</td>
<td>rarely</td>
</tr>
</tbody>
</table>
Design Thinking is integral to making
WHY... SCHOOL LIBRARIES?
WHAT CAN YOU MAKE IN THE Library?!?!

friends :)

I can make my imagination come A.I.V.E.

Stuff! ☺

Everything!!! 50% Food inventions

...I build them out of body parts
- or mechanics
- or books
- or just nice to people
- print your homework!
- enemies
- targets
- friends!

Makerspace
SQUISHY CIRCUITS
FUN
MAKEY MAKEY MAYHEM
CIRCUITS BLOCKS

LITTLEBITS
MORE FUN TOOLS!

Introducing 3Doodler 2.0

The World's First & Best 3D Printing Pen
Just got even Better
WHAT HAVE WE LEARNED?

Making activities engage all ages

It is easier than many staff thought!

Fosters collaboration among patrons

IT’S FUN!

...(And when kids are having fun, they are most open to learning!)

Helps build new partnerships

Making can happen ANYWHERE!

Can be VERY cost effective!
OTHER IDEAS FOR MAKING

<table>
<thead>
<tr>
<th>Arduino</th>
<th>Bicycle Repair</th>
<th>Bongos</th>
<th>Catapults</th>
<th>Circuits</th>
<th>Crochet</th>
<th>Drawing</th>
<th>Electric Guitar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitness</td>
<td>Knitting</td>
<td>MaKey - MaKey</td>
<td>Raspberry Pi</td>
<td>Robots</td>
<td>Ukulele</td>
<td>3D Printing</td>
<td></td>
</tr>
</tbody>
</table>
WHAT WILL YOU MAKE?