



Building Idaho Makers

A Statewide Approach

Erica Compton

Idaho Commission for Libraries

libraries.idaho.gov/make-it-at-the-library

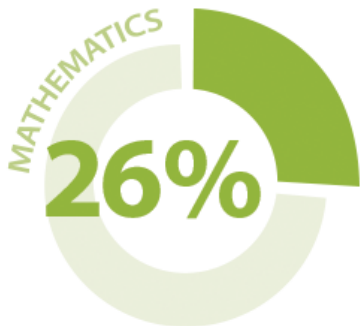




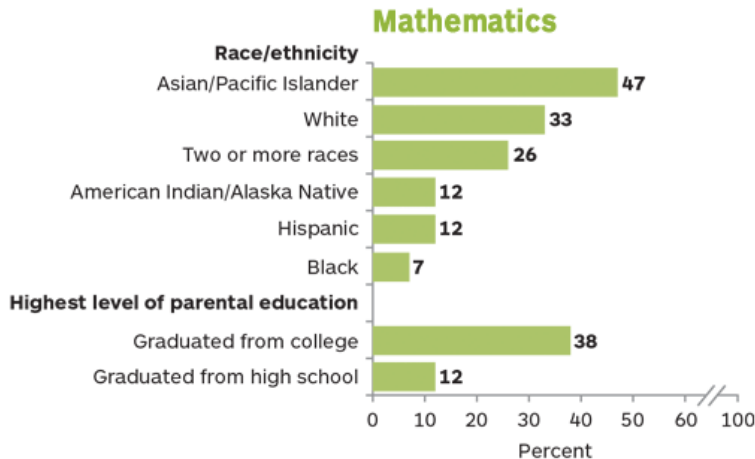
Our Why

Percentage of students at or above the *Proficient* level in 2013

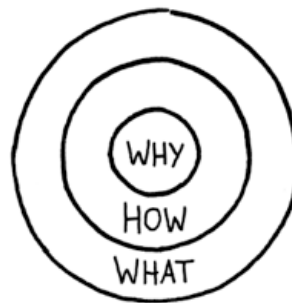
OVERALL



SELECTED STUDENT GROUPS



The Golden Circle



Sinek, Inc.

What

Every organization on the planet knows WHAT they do. These are products they sell or the services they offer.

How

Some organizations know HOW they do it. These are the things that make them special or set them apart from their competition.

Why

Very few organizations know WHY they do what they do. WHY is not about making money. That's a result. It's a purpose, cause or belief. It's the very reason your organization exists.





A Dual Approach

A Statewide Approach Builds:

- A network of mentors to support growth & expansion
- A cohesive understanding of maker philosophy & culture
- Partnerships for leveraging buying power & support
- Recognizable and consistent branding



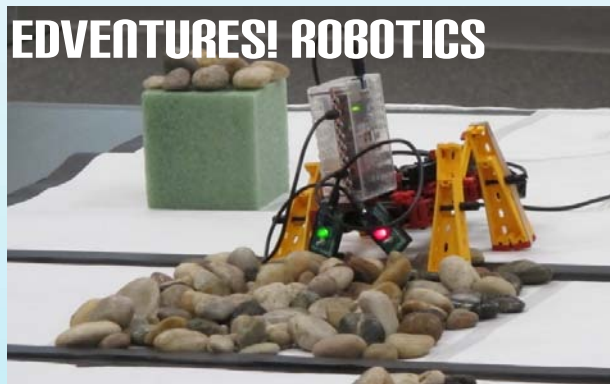
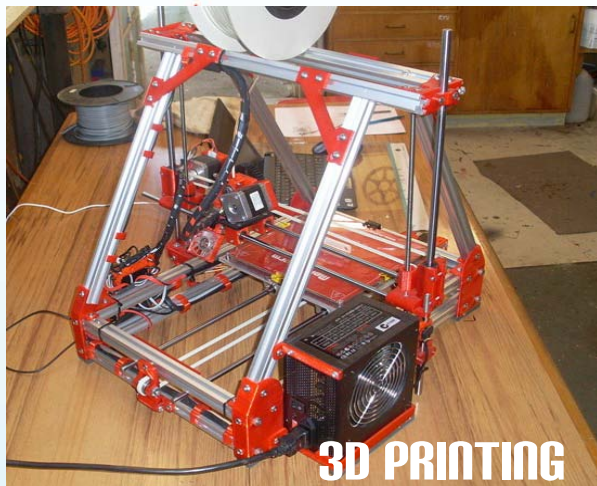
Local Level Approach:

- Encourages independence in meeting their community's needs
- Provides real-world feedback to guide overall project
- Shares best practices with a wider audience



Idaho Making...

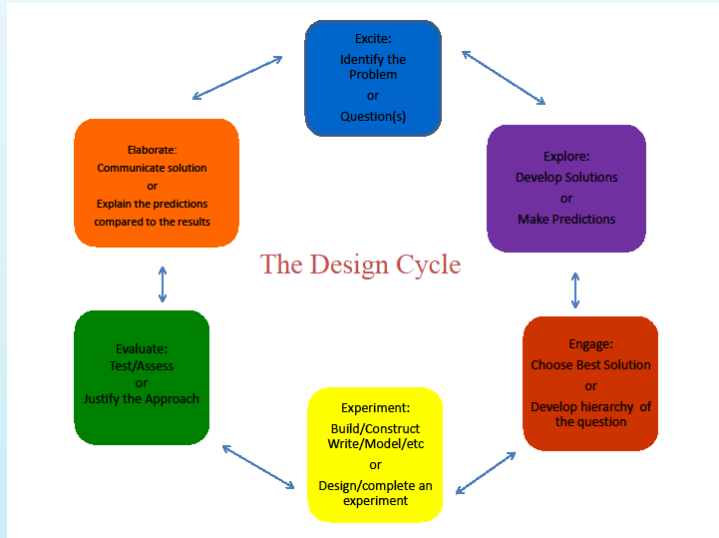
Start with Teens





Training is KEY!

- Foundational work
- Hands-on with real tools
- Responsive to needs
- Relevant to outcomes





And Builds Support





Formal Programs



Bridge Challenge
Structural Engineering & Critical Thinking

LEGO® Pinball
Machines Use Levers



Life-Size Angry Birds
Fosters Creativity!



Zhu-Zhu Pet Battles
Involved Problem Solving

Fischertechnik® Carnival Ride
Explores Force & Gravity





Not Just Technology!



Meet the Sheep!

All about shearing



Washing wool



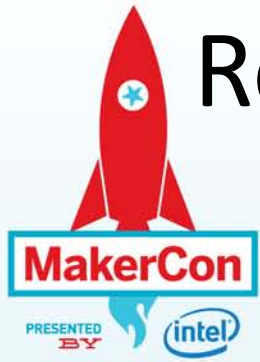
Final product!

Re-Cycle and Re-Use!

Boat Race Challenge



Problem-Solving, Innovation, & Creativity



Respond to Community Needs

Star Wars Cardboard Challenge
for the Whole Family!



Young Makers in N.
Idaho

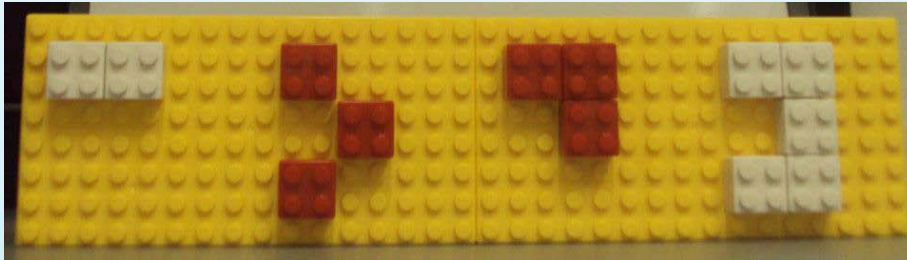


Maker Kits for
Check-Out

Stealth Programming



Build a hedgehog!



Write your name in Braille using bricks...



Challenge: Build model, snap a picture, post information, be entered to win!



Stealthier...



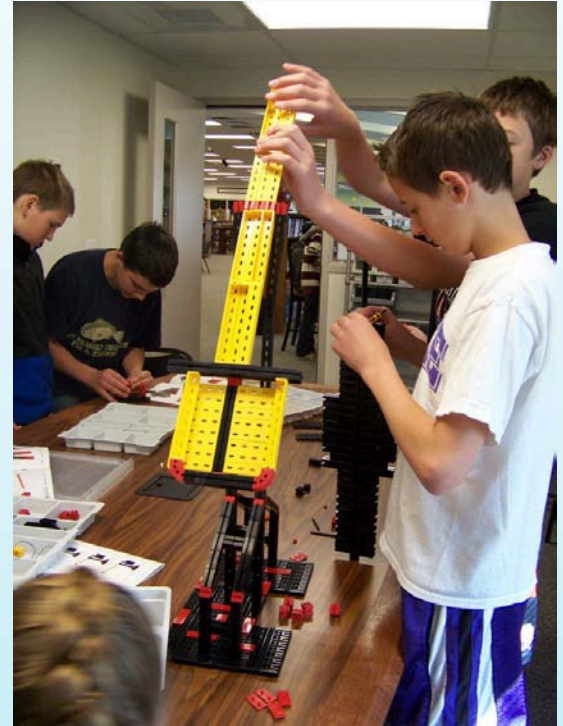


Makers Not Spaces...

Any place can be a maker space!



Develop makers...the space will come!





Temporary Makerspaces

<https://www.youtube.com/watch?v=3iZP7Eujgjk>





Evaluation – A work in progress

- Pre & post survey for teen participants
 - Skill acquisition, attitudinal and behavioral changes
- Reports from libraries
 - Program details, attendance, partnerships, marketing, attitudinal changes, space planning, next steps

Innovation

Engagement

Intentionality



High Points

- Staff gained confidence & expertise
- Encouraged new thinking about:
 - ✓ Space
 - ✓ Collections
 - ✓ Programming

- Expanding beyond the library
- Developing our “brand”
- Embracing innovation
- Building strong partnerships

Impact in 2013 Year One...

4,650 teens engaged through outreach

3,585 attended library programs

18 partnerships through 66 events



Year Two Plan

Replicate Year One Format

- Same Tools
- Same Training
- Same Expectations

Returning libraries:

- Get additional staff trained
- Act as mentors for new libraries
- Have freedom to choose new tools and materials





National Focus & Support

FOR IMMEDIATE RELEASE

IMLS Hosts Library Stakeholder Meeting May 15 at San Francisco Public Library

Experts to discuss how library spaces are changing to adapt to new learning models

IMLS will release a revised National Leadership Grant application this summer that will reflect the priorities identified during these meetings.



Spreading the Word

- Facebook:
www.facebook.com/MakeItIdaho
- Website: libraries.idaho.gov/make-it-idaho



erica.compton@libraries.idaho.gov