



From Access to Information to Access to Each Other

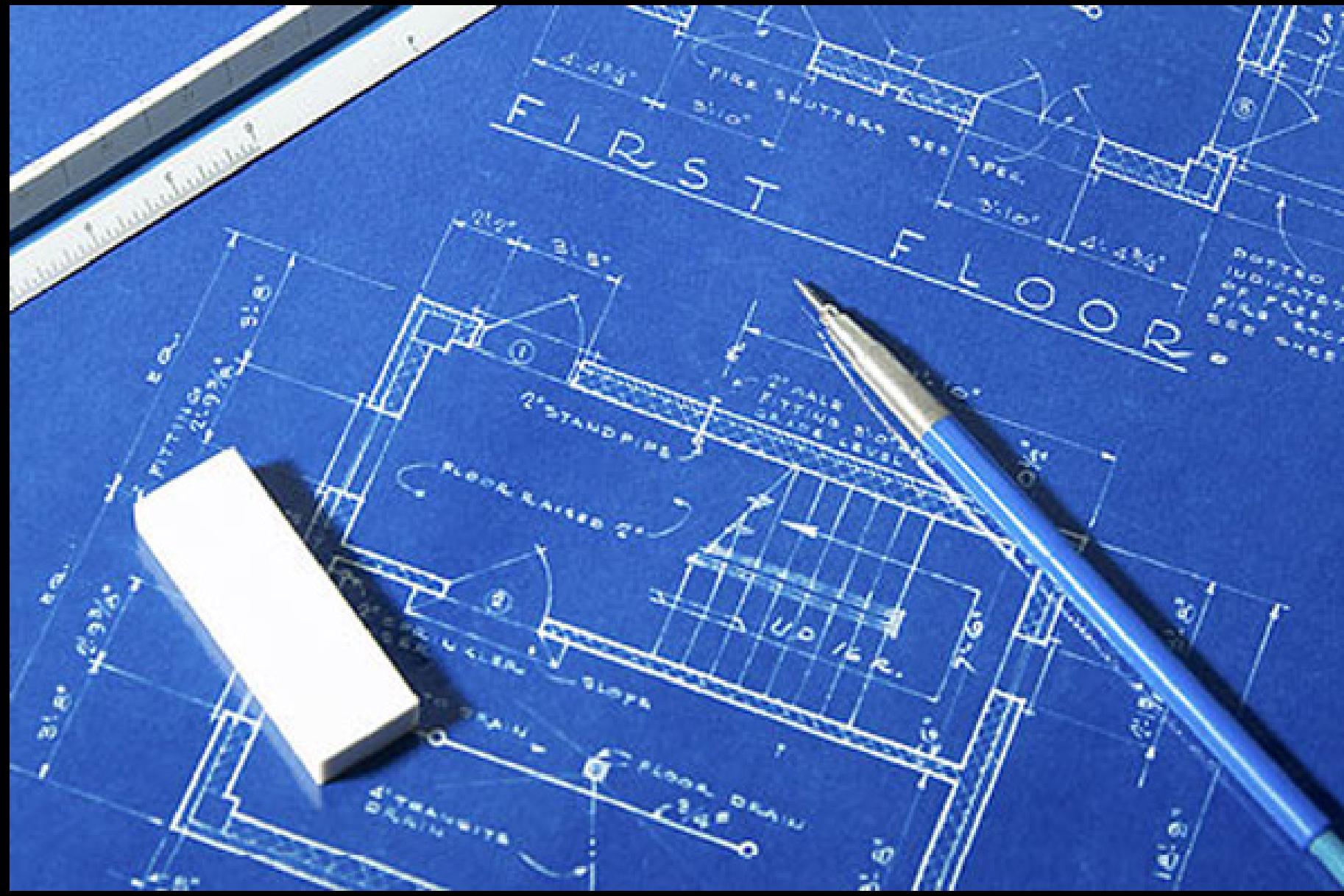
Public Libraries as Innovation Spaces?

Chris Coward & Dilini Wijeweera

African Library Summit

Pretoria, South Africa

2-5 July, 2013



“We systematically overestimate the value of access to information and underestimate the value of access to each other.”

Clay Shirky





Smart Cape, South Africa



Santiago Central Library, Chile

Photo: Francois Bar



Seattle Public Librar

Photo: Librarian in black



Where do good ideas come from?

Lone thinker myth





INNOVATION SPACES IN SOCIETY

LEARNING



PRODUCING

YOUTH

ADULT

INNOVATION SPACES IN SOCIETY

LEARNING

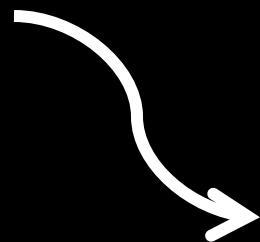


PRODUCING

YOUTH

- K-12
- Colleges/Universities
- Closed membership

University of Washington Library Research Commons



INNOVATION SPACES IN SOCIETY

LEARNING



PRODUCING

YOUTH

- K-12
- Colleges/Universities
- Closed membership

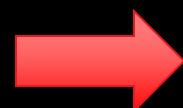
- Libraries/museums
- Community centers
- Open membership



YOUMedia
Chicago Public Library

INNOVATION SPACES IN SOCIETY

LEARNING



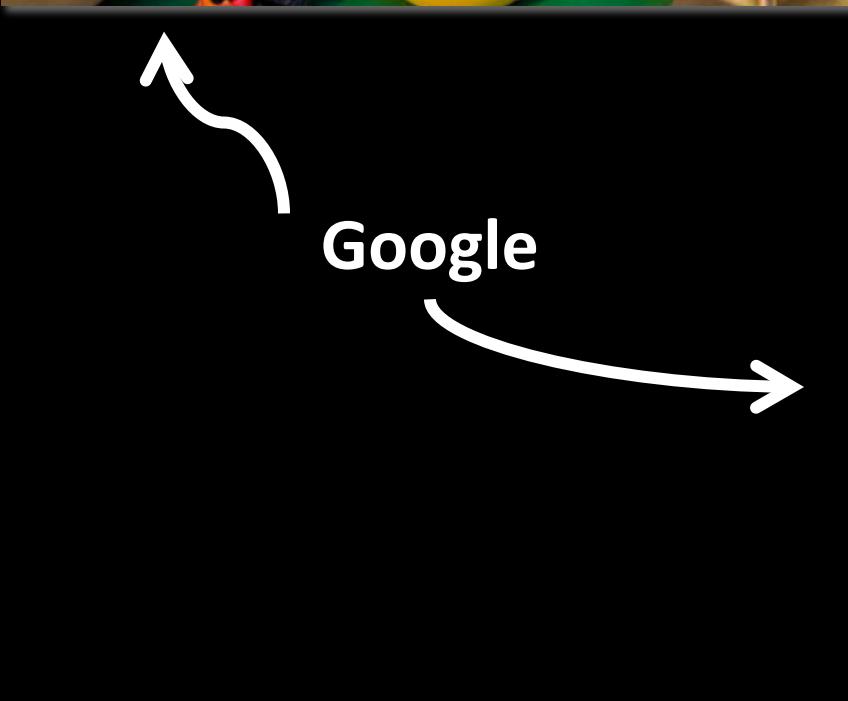
PRODUCING

YOUTH

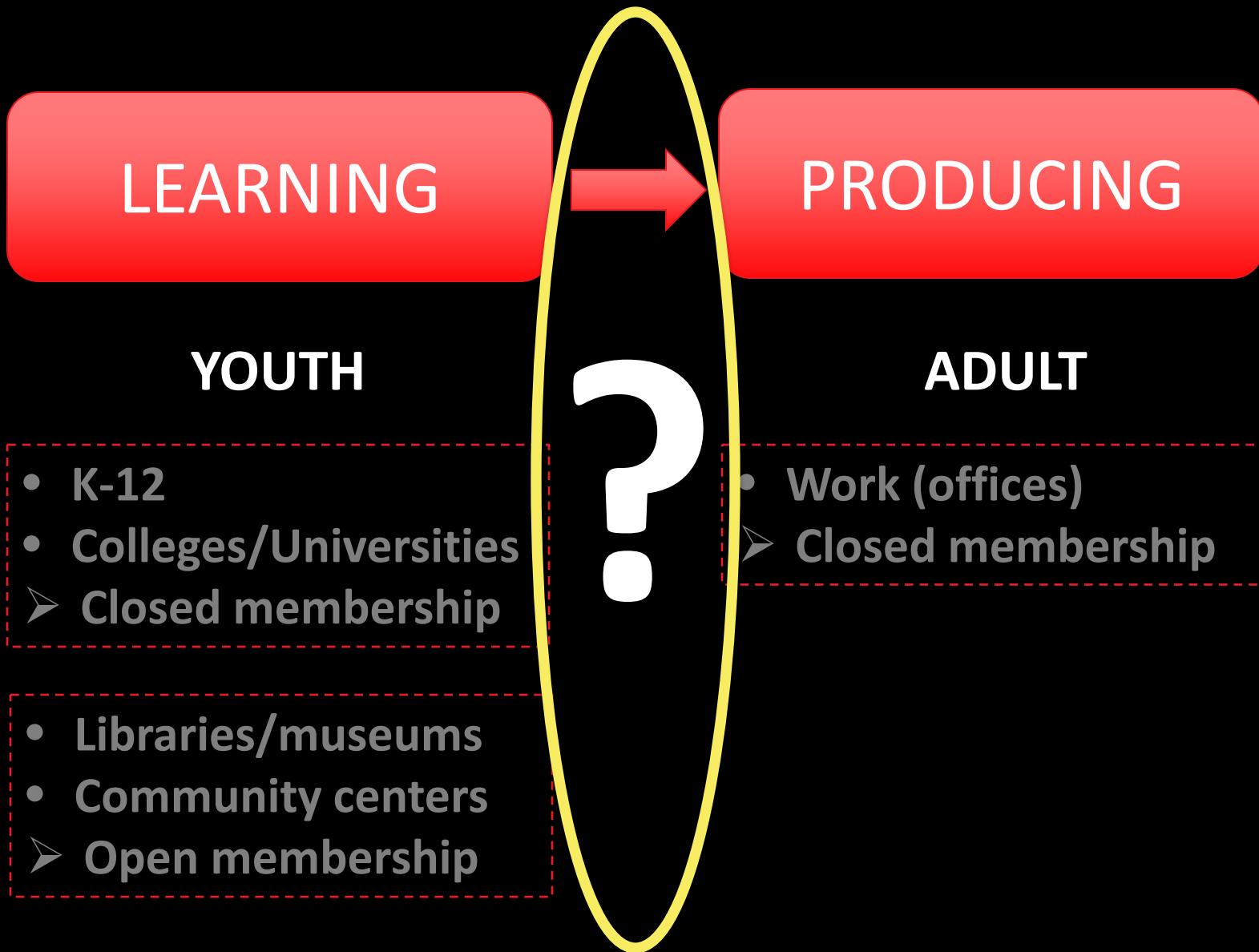
- K-12
- Colleges/Universities
- Closed membership

- Work (offices)
- Closed membership

- Libraries/museums
- Community centers
- Open membership



INNOVATION SPACES IN SOCIETY



INNOVATION SPACES IN SOCIETY

LEARNING

IN-BETWEEN

PRODUCING

YOUTH

ADULTS
ENTREPRENEURS

ADULT

INNOVATION SPACES IN SOCIETY

LEARNING

IN-BETWEEN

PRODUCING

YOUTH

ADULT

- Cafes
- Markets
- Unintentional
- Public/commercial



INNOVATION SPACES IN SOCIETY

LEARNING

IN-BETWEEN

PRODUCING

YOUTH

ADULT

- Cafes
- Markets
- Unintentional
- Public/commercial

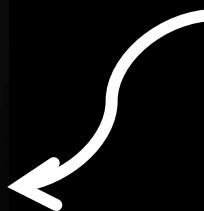
- Co-working
- Hubs
- Maker & Hacker
- Intentional
- ‘Open’ membership







TanzICT
Dar es Salaam



Dar es Salaam's TanzICT's Innovation Space at COSTECH (Commission for Science and Technology), part of a bilateral Tanzania–Finland development project designed to kick-start Tanzania's technology ecosystem, and move Tanzania towards an information technology society, opened in late 2011.

Photo: Courtesy Jonathan Kalan,
Used with permission



First
photo



iceaddis
Ethiopia



iceaddis, based in Addis Ababa, Ethiopia, is the country's leading University-based innovation hub, incubator and co-working space for communities. They work to improve Ethiopia's economy by building relationships between researchers, developers, entrepreneurs, creative workers and customers, and by promoting local technological solutions to the public..

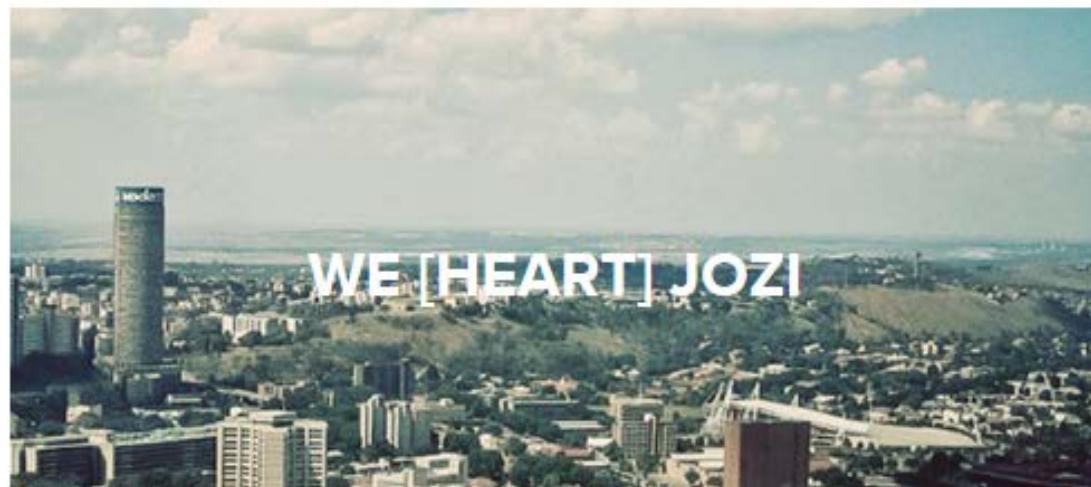
Photo: Courtesy Jonathan Kalan,
Used with permission

[CONNECT](#)[NEWS](#)[EVENTS](#)[MEMBERSHIP](#)**SAY HI**

44 STANLEY AVE
MILLPARK
JOZI
SA

**VISION**

JoziHub is a co-creation space in Johannesburg dedicated to creating sustainable change in Africa.

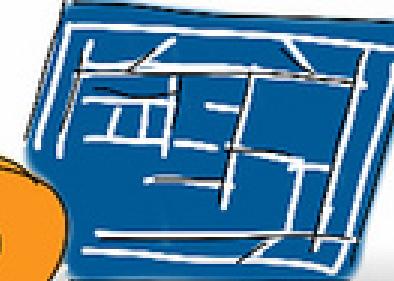


#umwf12

FROM
D.I.Y.
CULTURE



MAKER



GEORGE MEADOWS

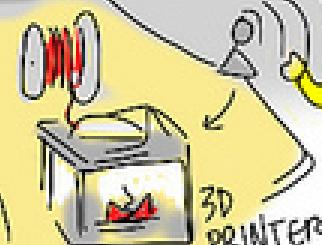
TIM OWENS

SPACE

ARDUINO



HANDS
ON

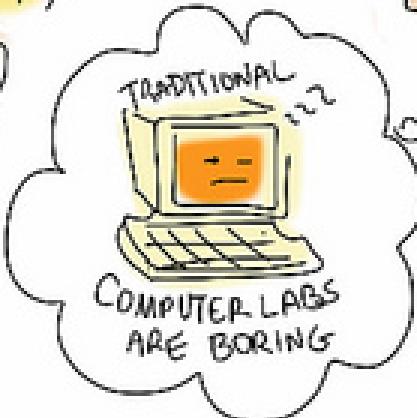


3D
PRINTER

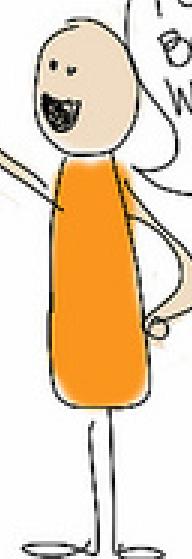


3D
SCANNER

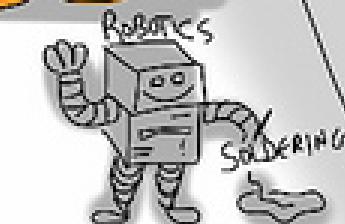
REMIX



TRADITIONAL
COMPUTER LABS
ARE BORING



I CAN'T
BELIEVE
WHAT I'M
SEEING!



@juliaforsythe







MAKE Magazine Blog Maker Faire Maker Shed Make: Projects Maker Camp Search

Make: Blog Magazine Projects Reviews Shop

Hot Topics: Arduino 3D Printing Raspberry Pi Craft Maker Pro Kids & Family See All Topics

Mitch Altman's Hacker Trip to Egypt

By Gareth Branwyn Posted 2011/10/24 @ 4:15 pm Category Makers, Makerspaces

Mitch Altman sent us this report about his trip to Maker Faire Africa, in Cairo, where he was on a mission to do what he does best — inspire hackerspaces.
-Gareth

Three-Day Hackerspace at Maker Faire Africa

I got back from Cairo Friday, Oct 14th. I was exhausted in the aftermath, but am definitely still glowing from the experience. The main purpose for this trip

SCRUBS AWAY FOOD NO PRE-WASH NEEDED!

Join the **Make: Forum** Where the Makers Meet

Trending Shared Commented

// WHAT'S TRENDING

Raspberry Pi Design Contest
By: Nick Normal
Hits: 65,414

MAKER FAIRE AFRICA POP:UP MAKER SPACE

DESIGN FOR INNOVATION

- “The physical space around us has a big impact on the way we think and interact with each other.
- The configuration of our space at work can promote the collision of insights and ideas and it can accelerate a team’s ability to work quickly.
- Promoting microbursts of social interaction should be a managed activity. Spontaneity takes a lot of planning.
- Spaces for serendipity are full of clutter. Innovation is allergic to clean and tidy environments.
- Space should be both serious and playful but never solemn.
- Innovation needs flexible spaces; this means our environment has to be low cost.
- The best innovation environments are not created through traditional management channels but are self-organized.”

Source: The Science of Serendipity, by Matt Kingdon



Can libraries be innovation spaces?

Almost every library does this

BUT...

- for children
- in non-tech areas



Photo: Brian Bannon

RULES FOR THE COMPUTERS:

- 
- 1) ONLY ONE LEARNER ALLOWED AT THE COMPUTER.
IF YOU DON'T LISTEN TO THIS RULE YOU WILL BE LOGGED OFF.
 - 2) STRICTLY NO ADULTS ALLOWED ON THESE COMPUTERS.
 - 3) ONLY ONE SESSION ALLOWED PER DAY.
 - 4) PLEASE SIGN IN BEFORE USING COMPUTER.
 - 5) NO FIGHTING, MISBEHAVING, SWEARING WILL BE TOLERATED. IF THIS HAPPENS YOU WILL BE LOGGED OUT.
 - 6) PRINTING COSTS 60¢ PER PAGE AND MUST BE COLLECTED FROM THE KC SECTION.
 - 7) IF YOU ARE CAUGHT VIEWING FORBIDDEN SIGHTS YOUR CARD WILL BE BLOCKED.
 - 8) MAKE SURE YOU LOGOUT WHEN YOU ARE DONE.


[FIND A STATION](#)
[SEARCH](#)
[support public radio >](#)
[NPR Shop](#)
[home](#)
[news](#)
[arts & life](#)
[music](#)
[programs ▾](#)
[listen ▾](#)
[PODCASTS](#)
[News > Technology](#)
[Twitter \(537\)](#) [Facebook \(2418\)](#) [Share](#) [Comments](#)

Libraries Make Room For High-Tech 'Hackerspaces'

by JON KALISH


[Listen to the Story](#)
Weekend Edition Saturday
[Add to Playlist](#)
[Download](#)
[Transcript](#)

[4 min 54 sec]


[MAKE Magazine](#) [Blog](#) [Maker Faire](#) [Make: Projects](#) [Kits](#) [Maker Shed](#)

Make:

technology on your time

[Blog](#)
[MAKE Magazine](#)
[Videos/Podcasts](#)
[Make: Projects](#)
[Home](#) / [Education](#) / [Public Libraries, 3D Printing, FabLabs and Hackerspaces](#)

Public Libraries, 3D Printing, FabLabs and Hackerspaces

IS IT TIME TO
REBUILD & RETOOL
PUBLIC LIBRARIES?

AND MAKE
"TECHSHOPS"?

by philip torrone

IS THERE DEMAND?

Survey of internet café users in Ghana

- Over 50% come with others
- 68% report sharing made coming to a public access venue more productive
- 75% interested in environments that support enhanced collaborative group work

Source: Global Impact Study
Collaborative Knowledge
Sharing (M. Best)



THANK YOU

Chris Coward
ccoward@uw.edu

Dilini Wijeweera
diliniw@uw.edu



Technology & Social Change Group
University of Washington Information School
tascha.uw.edu | @taschagroup