



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Youth Engagement Community of Practice Webinar October 12, 2016



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Meaningful Youth Engagement:

Meaningful youth engagement is an inclusive, intentional, mutually-respectful partnership between youth and adults whereby power is shared, respective contributions are valued, and young people's ideas, perspectives, skills and strengths are integrated into the design and delivery of programs, strategies, policies, funding mechanisms and organizations that affect their lives and their communities, countries and globally.

Meaningful youth engagement recognizes and seeks to change the power structures that prevent young people from being considered experts in regard to their own needs and priorities, while also building their leadership capacities.

Youth includes a full spectrum of the population aged 10-29 regardless of socioeconomic status, ethnic identity, sexual orientation and gender identity, disability, political affiliation, or physical location.



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Why the Maker Movement?



Director of the DAI Maker Lab and international development professional for 20+ years at the level of nuts and bolts

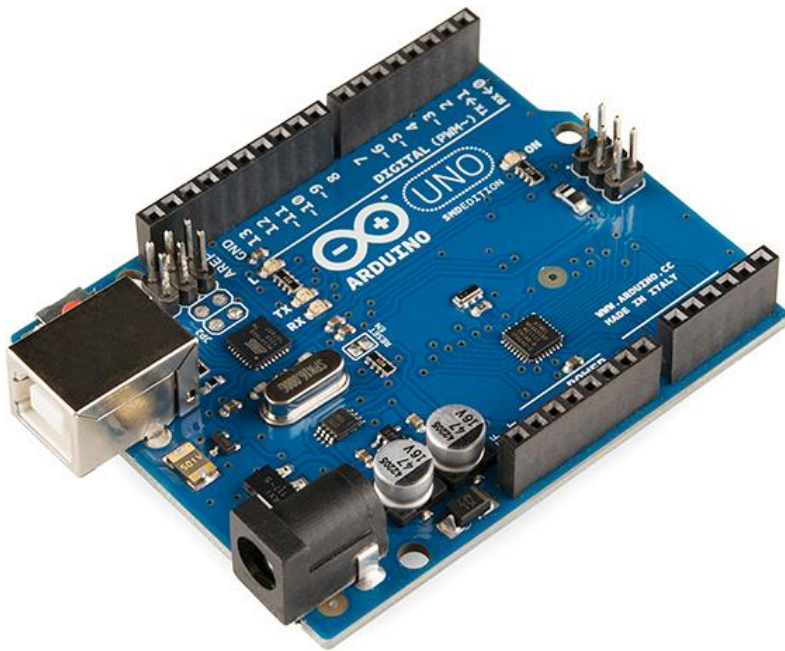


Eric Kilbride, Managing Partner of Block by Block Consulting, specializes in Positive Youth Development

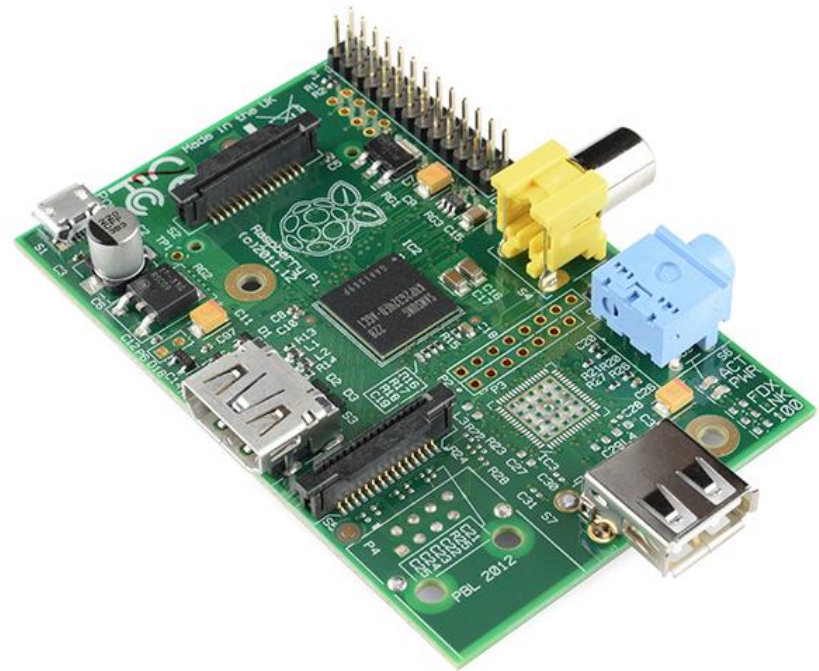


Advancing solutions to transform the lives of young people

Modular Electronics



Arduino



Raspberry Pi

Digital Fabrication: 3D Printer



Digital Fabrication: CNC Mill



Digital Fabrication: Laser Cutter



Makerspaces



Makerspaces



The Maker Approach

- Hands-on
- Freedom/encouragement to fail
- Credentials agnostic
- Bias towards open source



Youth Maker Space

Youth Development is ...

the ongoing process in which all youth are engaged in attempting to:

- meet their basic personal and social needs to be safe, feel cared for, be valued, be useful and be spiritually grounded; and
- build skills and competencies that allow them to function and contribute in their daily lives.

What Opportunities Do Young People Need?

- To learn and build skills, test and explore ideas
- To express themselves and be creative
- To experience a sense of group membership
- To contribute and be of service to their communities
- When appropriate, to learn about working and to be employed

Meaningful Youth Engagement is ...

- an inclusive, intentional, mutually-respectful partnership between youth and adults whereby power is shared, respective contributions are valued, and young people's ideas, perspectives, skills and strengths are integrated into the design and delivery of programs, strategies, policies, funding mechanisms and organizations that affect their lives and their communities, countries and globally; and
- recognizes and seeks to change the power structures that prevent young people from being considered experts in regard to their own needs and priorities, while also building their leadership capacities.
- Youth includes a full spectrum of the population aged 10-29 regardless of socioeconomic status, ethnic identity, sexual orientation and gender identity, disability, political affiliation, or physical location.

Working Youth Engagement definition of the Community of Practice for YouthPower Learning - 2016

Youth Maker Space can be described as:

- a social club whose members are interested in making, fabricating, and manufacturing one-of-a-kind items;
- engaging young people in something productive and fascinating, while building their skill set for digital and technological innovation that can even generate jobs in their community.

Youth Space as Maker Space

- A maker space has a physical location that is dedicated youth friendly (barrier-free, caring adults, etc.) space;
- is open during specified hours to its members or constituency;
- usually runs on the basis of membership or a similar way of vetting who can use the equipment/materials; and
- creates pathways and recognition for continued achievement.

Some helpful links about Youth Maker Space

<http://makerbridge.si.umich.edu> - A community for anyone interested in the maker movement and MakerSpaces

<https://www.si.umich.edu/newsandevents/makers-innovators-book-series-0> - A series of books on maker culture for elementary and middle school students

<http://www.tigweb.org/action-tools/badges/> - Recognizing the changes youth are making in the world! By collecting badges, they identify their achievements and display their success



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Questions and Answers



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE

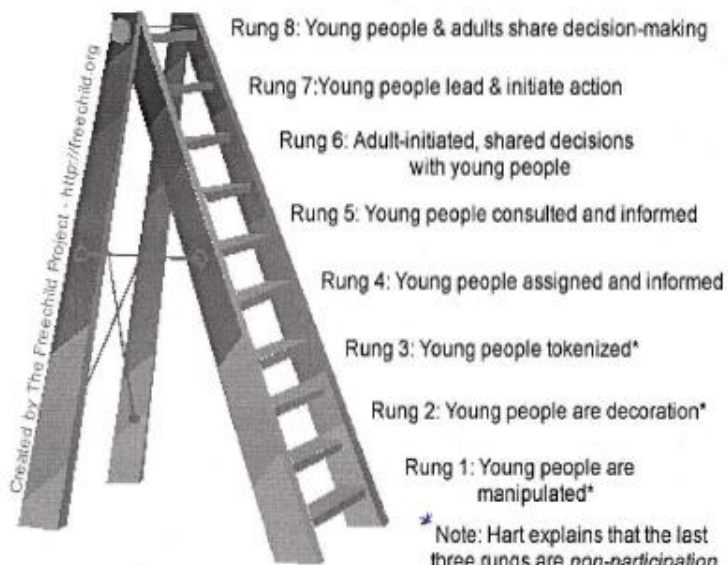


PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Rungs of Youth Engagement

Roger Hart's Ladder of Young People's Participation



Adapted from Hart, R. (1992). *Children's Participation from Tokenism to Citizenship*. Florence: UNICEF Innocenti Research Centre.



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Examples of MakerSpaces

- Fundi Bots (<http://fundibots.org/>) is based in Kampala but does some roving. They focus on kids.
- McBots (<https://www.facebook.com/McBots-MakerSpace-1616276608599983/>) is in Mbarara, western Uganda and seem to serve a wider age range (but mostly youth)
- South Africa has Maker Station in Cape Town (<http://makerstation.co.za/>),
- The Makerspace in Durban (<http://themakerspace.co.za/>)
- Makerlabs in Johannesburg (<http://makerlabs.co.za/>) and probably more that I don't know about.

Also relevant:

- MIT D-Lab website (<https://d-lab.mit.edu/>).



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTH  **POWER**

Additional Questions?

- Eric Kilbride: eric@blockbyblockconsulting.com
- Robert Ryan Silva: Robert_Ryan-Silva@dai.com
Twitter (@DAI_Maker_Lab) and Facebook
(<https://www.facebook.com/daimakerlab>) addresses.



Advancing solutions to transform the lives of young people



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

YOUTHPOWER

Conclusion: Resources for Youth Engagement

<http://www.youthpower.org/>

<http://www.youthpower.org/youth-engagement-cop>



Advancing solutions to transform the lives of young people