

# MAKERSPACES - WHY?

**Justifying a Space to Make.**

# MY THREE DAUGHTERS...

REBECCA



RACHAEL



AMANDA



# CORE NEEDS

- Food
- Water
- Shelter
- Clothing



# LATER ON AS TIME EVOLVED...

REBECCA



RACHAEL



AMANDA



# LATER ON - CORE NEEDS...

- Food
- Water
- Shelter
- Clothing
- **The need for self actualization**

# SELF-ACTUALIZATION



What a man can be, he must be. This need we call  
self-actualization.

(Abraham Maslow)

# JUSTIFYING A SPACE TO MAKE

- **Makerspaces**, sometimes also referred to as hackerspaces, hackspaces, and fablabs are creative, DIY spaces where people can **gather** to **create**, **invent**, and **learn**. In libraries they often have 3D printers, software, electronics, craft and hardware supplies, **tools** and more.

A MUSICIAN MUST MAKE MUSIC...



# AN ARTIST MUST PAINT...



# A POET MUST WRITE...



# THE LIBRARY MUST GIVE THEM SPACE TO MAKE...

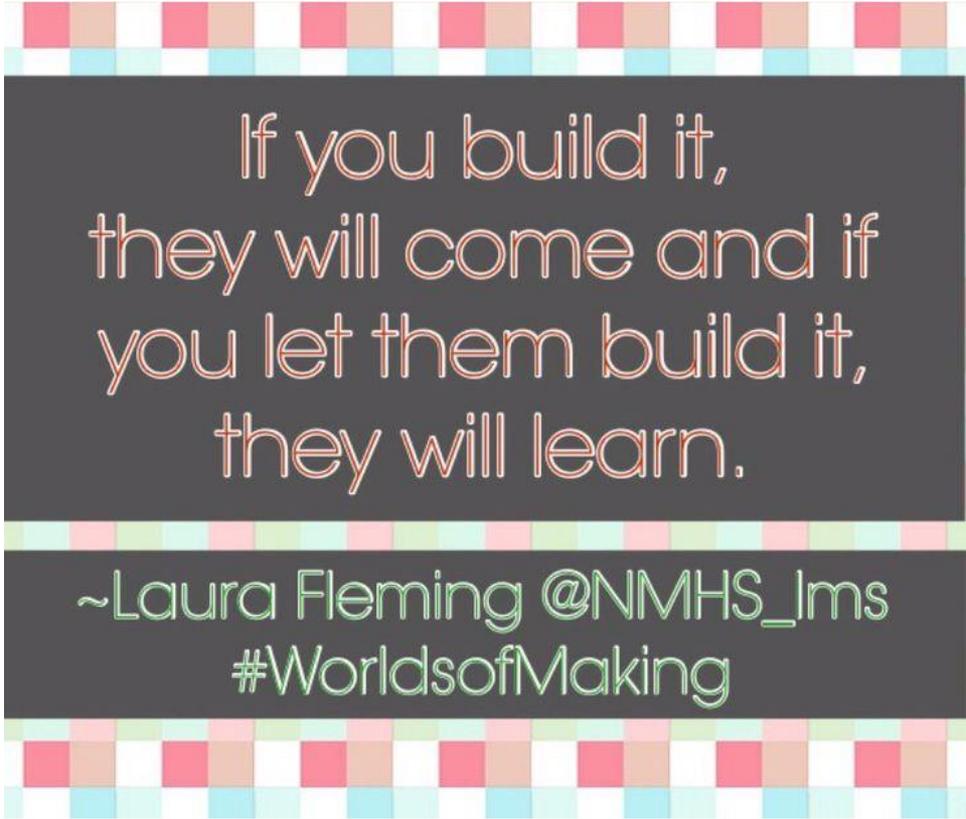


A musician must make music, an artist must paint, a poet must write, if he is to be ultimately at peace with himself.

(Abraham Maslow)

# AN ENVIRONMENT THAT ALLOWS FOR AND ENCOURAGES...

- Creation
- Invention
- Collaboration
- Learning



If you build it,  
they will come and if  
you let them build it,  
they will learn.

~Laura Fleming @NMHS\_Im  
#WorldsofMaking

# THESE ARE NOT MAKERSPACES...

3D Printer



Laser Cutter / Engraver



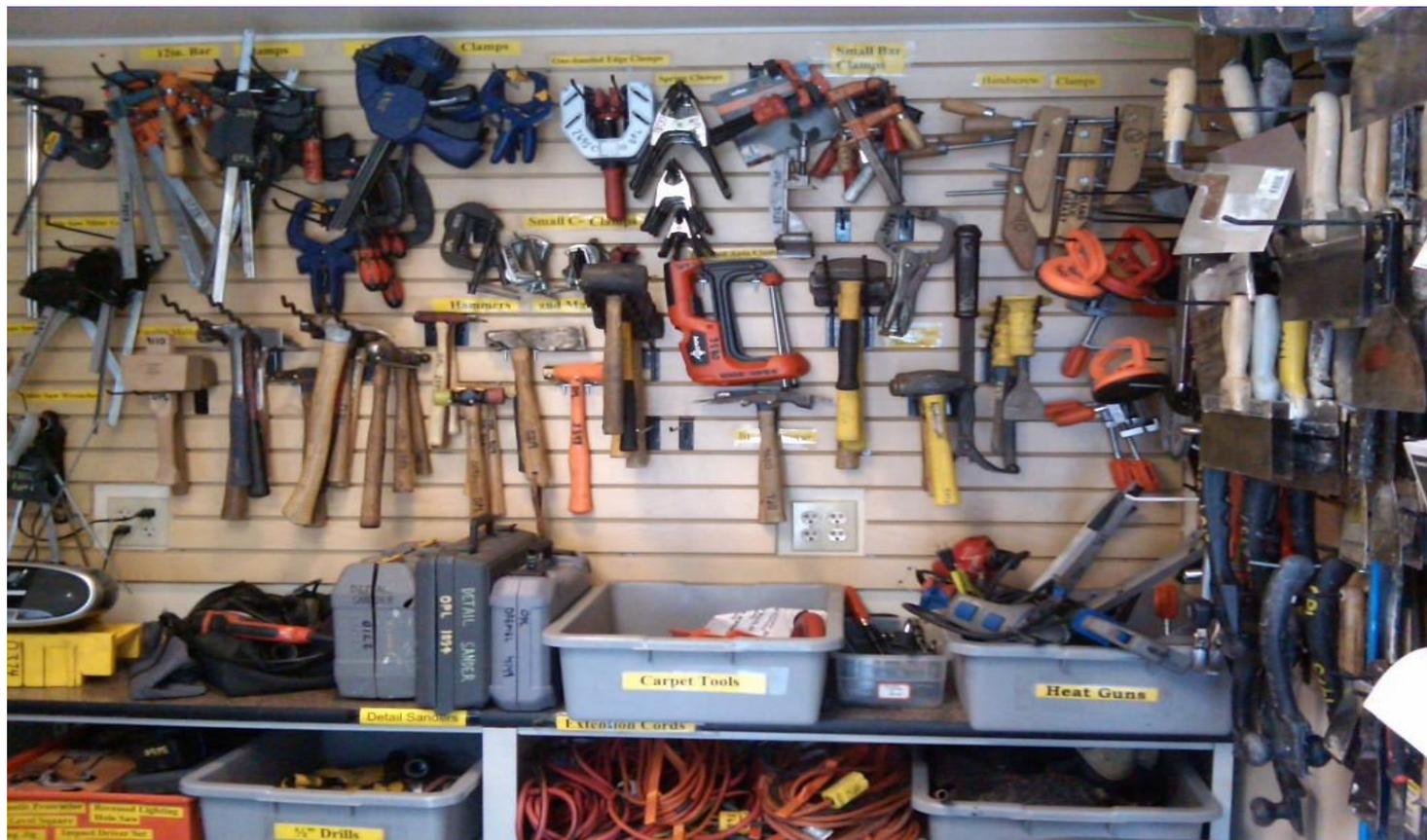
LIKE A HAMMER AND A NAIL



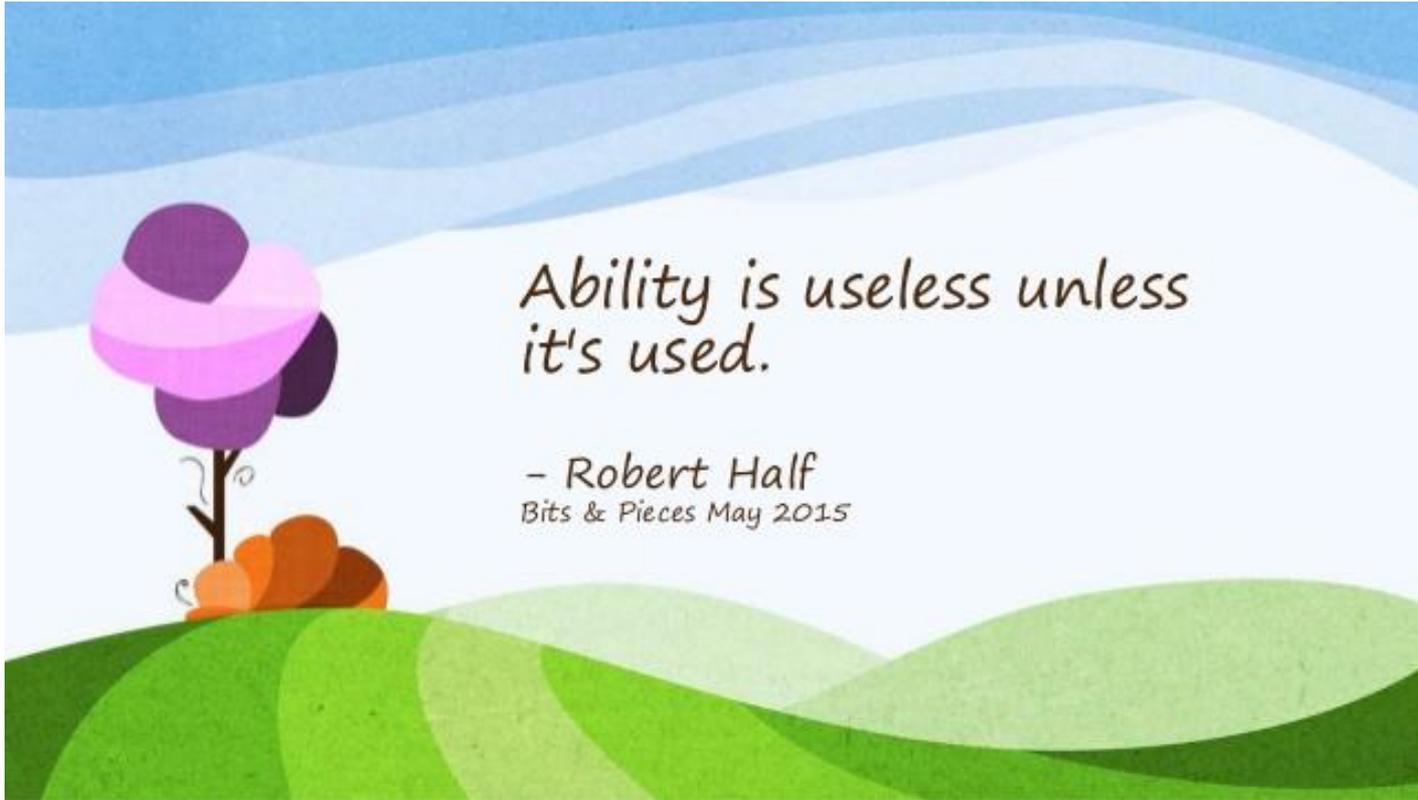
ARE NOT A WALL



# THEY ARE JUST TOOLS



# WAITING FOR A MAKER



*Ability is useless unless  
it's used.*

*- Robert Half  
Bits & Pieces May 2015*

# MAKERSPACES - COST?

**Creating a Space to Make.**



# LOOK AROUND - COMMUNITY ARTISTS



# LOOK AROUND - COMMUNITY MUSICIANS



# LOOK AROUND - COMMUNITY CONTRACTORS



LOOK AROUND - COMMUNITY AUTHORS



# Local Authors

@ the Library

# LOOK AROUND - COMPUTER LABS



# LOOK AROUND - COMPUTER LABS

- Photography Software
- Video Production Software
- Audio Recording & Mixing Software (podcasts)
- Creation Stations - Static or Portable
- Innovation Labs

# LOOK AROUND - THE LIBRARY BECOMES THE MAKERSPACE



# TOOLS TO MAKE...



# TOOLS TO MAKE - HAVE A PLAN

- Please don't buy a tchotchke printer
- Please look for multiple locations (homes) for the equip.
- Please factor in consumables
- Please assign an owner / manager / support staff
- Please do something to give back to the community  
HHHL - e-NABLE partnership

# THANK YOU

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