

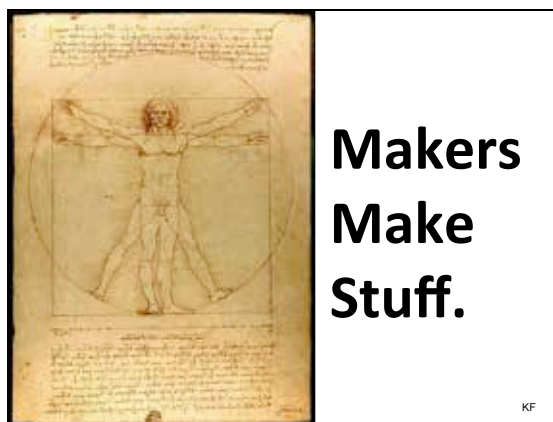
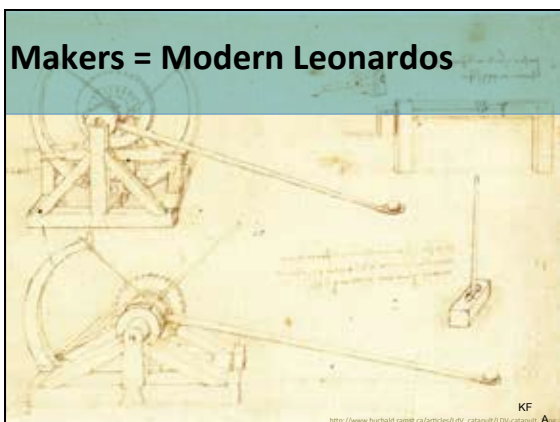
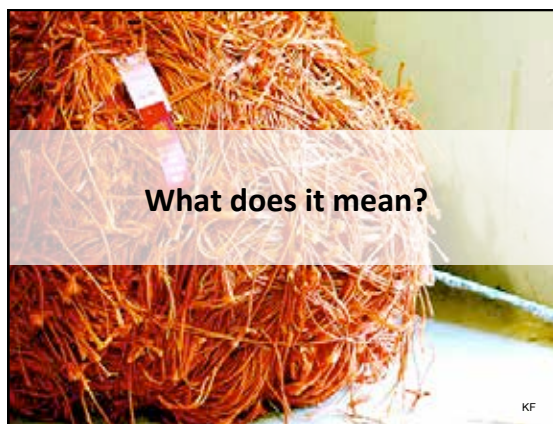
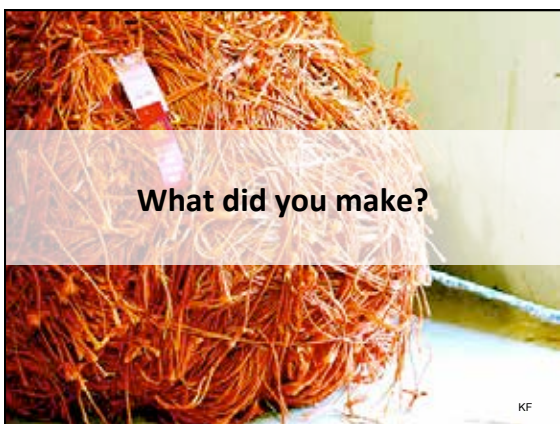


Parker Thomas, <http://makezine.com/2013/08/11/key-qualities-for-a-school-makerspace>

Tools
+
Support
+
Community

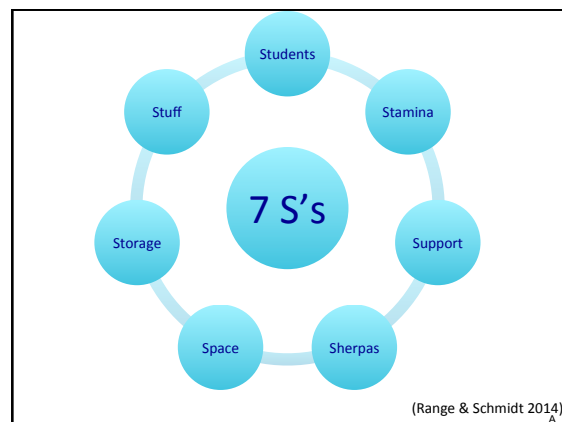
People
+
Process
+
Place

Dale Grover, Maker Works, Ann Arbor, Michigan





Purposeful Planning



Know Your Purpose Before You Buy Anything.

Entertain? Inform? Educate?

Enhance academics? Fill a void in academics?

Have one-off projects or build a community?

Welcome new makers? New services for existing makers?

Bring the past to life? Build on past traditions using modern tools?

Consider a charter or manifesto for your makerspace (with adults or kids).

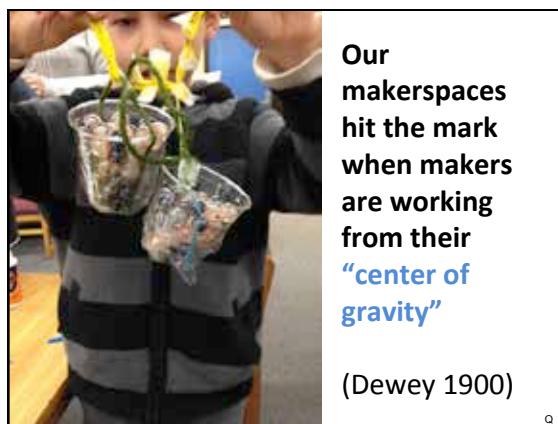


Example: Michigan Makers

- Create community around making
- Balance DIY exploration with guidance from mentors
- Create sustainability and replicability
- "Have something for every member of the family"



Why does this matter?



So let's figure out what your community's center of gravity is.

**WHO lives in your community?
WHAT ELSE is competing for their time?
WHICH needs are already being met? Unmet?**

Data Points

Existing Museum Members/Visitors

- Suggestion Boxes
- Informal conversations
- Focus groups
- Surveys

Community Resources

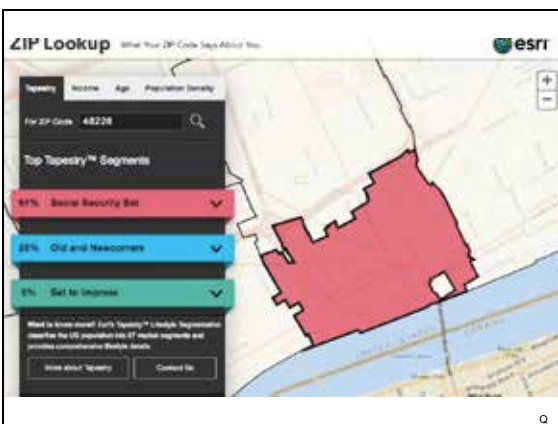
- School Curriculum
- Library Circulation Patterns (even if you are not a library)
- Local colleges/universities

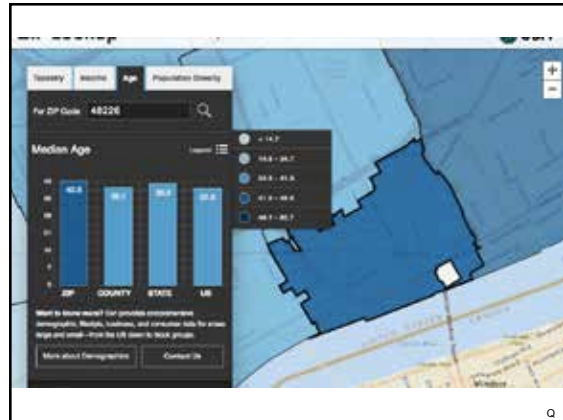
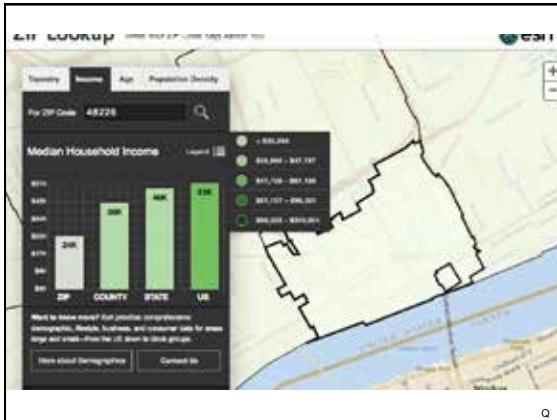
Data Resources

- [Mel.org](http://mel.org) → Databases > DemographicsNow
- ESRI Tapestry (I find it by Googling) (<http://www.esri.com/landing-pages/tapestry>)

Quick and Dirty: ESRI Tapestry free version by zip code

(searches one zip code at a time)

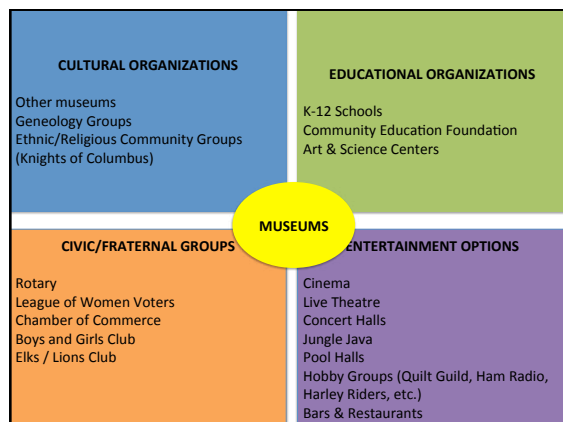




Census Data

- Database: Business Decision
- Census.gov – many new, free tools to help you visualize data in your community

**Environmental Scan:
Quick & Dirty
Method**





**Maker Vision =
 Community Needs +
 Your Mission + Idea of
 What Future Success
 Looks Like**

M
 SCHOOL OF INNOVATION

MAKER VISION

Based on _____
 I see that our students/patrons need opportunities to _____

Therefore, we'd like to launch a maker program that will give them the chance to _____

In this program, we will prioritize _____

We will know that we are successful if _____

Share Out

PS – Expect your thinking to morph as the workshop unfolds.