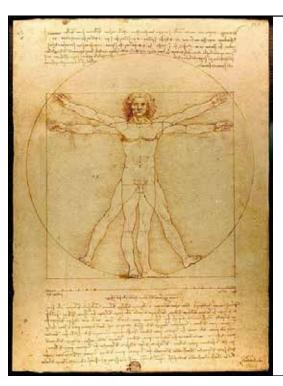




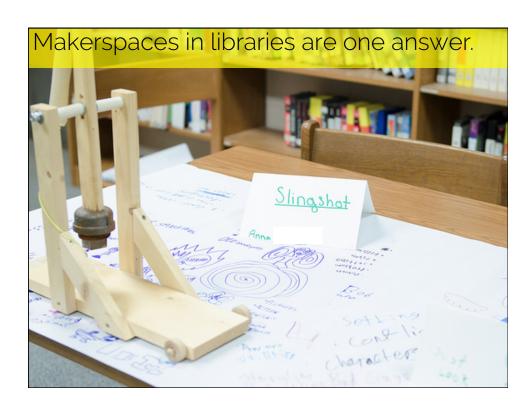
Today's Agenda

- Who are makers?
- What is a makerspace?
- Rules of thumb for library makerspace success

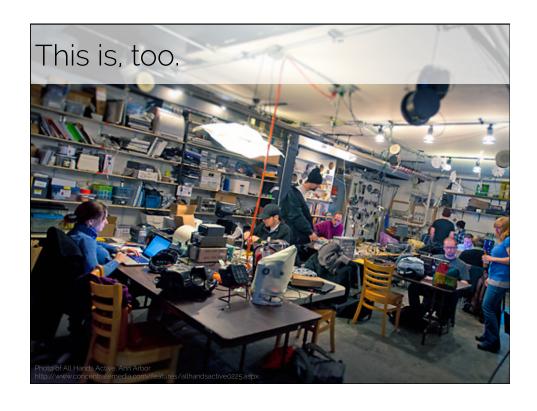


Who are makers?











And so is this.





#1: Know your purpose.

Entertain? Inform? Educate?

Enhance academics? Fill a void in academics?

Introduce concepts and tools or provide them for savvy users?

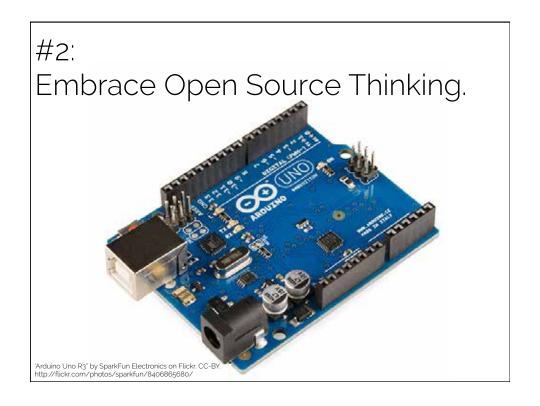
Create an extended community? Serve as an-ramp?

Welcome new patrons? Provide new services for existing patrons

Makerspaces as Service Learning: UMSI's Michigan Makers project U-M School of Middle-grade • Build STEAM* skills Information students in • Develop social low SES 1 professor learning schools • 15+ graduate Empower students students with skills and In-school agency Local partners Goals Schools * STEAM = <u>S</u>cience, <u>T</u>echnology, <u>E</u>ngineering, <u>A</u>rt/<u>A</u>esthetics, <u>M</u>at

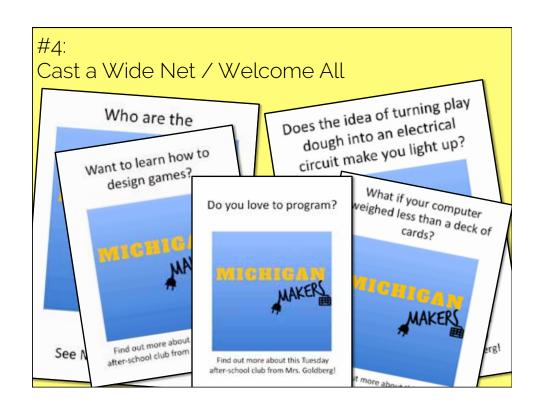
Programming/Coding				
HTML	Arduino	Scratch	Raspberry Pi OS	Python
Drawing and Prototyping				
Mini Comics	ComicCon	Sketching circuits	Game Design	Visit to U-M 3D Lab
Paper and Fabric Craft				
Origami	Gift Wrapping (!)	Make Your Own Bows (!)	Sewing Safety Badge	Soft-sculpted pieces
Social Growth				
Makerspace Culture	Collaborative Work	Gradual Release of Responsibility	Peer Coaching & Leadership	Digital Citizenship



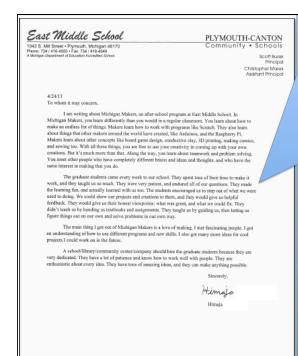












In Michigan Makers ... you are free to use your creativity in coming up with your own creations.

But it's much more than that. Along the way, you learn about teamwork and problem solving.

You meet other people who have completely different brains and ideas and thoughts, and who have the same interest in making that you do ...

The Igraduatel students encouraged us to step out of what we were used to doing. They taught us by guiding us, then letting us figure things out on our own and solve problems in our own way.

