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Superior Fab Lab
We are a nonprofit
dedicated to enabling and
educating makers in the
Keweenaw



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#SUPERIORMAKERFEST2024

SUPERIOR MAKER FEST 2024



SAT MARCH 23, NOON – 5 PM
HOUGHTON HIGH SCHOOL



**SUPERIOR
FAB LAB**
A Community Makerspace

Activities List

Cafeteria

Superior Roboworks will be there to let you drive REAL ROBOTS! Make it UP! Makerspace will test your skills by doing a "Bridge the Gap Challenge", making DIY popsicle stick helicopters, or find us at the Spare pArts tables!

Common Area & Outside

Living Proof Brew - kombucha & DIY kombucha-making kits
Griffin Cafe - pulled pork, mac & cheese, pasties
Do you like to make buttons? Find our button-making station here.

Gym Area

MOBILE MAKERSPACE

Would you like to see what a Makerspace could look like? We'll have a mostly-functional makerspace right on site! With 3d printers, a 3d scanner, vinyl cutters, sewing machines and more, you'll get a taste of what could be our future community makerspace.

FEATURED MAKERS

1. Calumet Sewing Center -sew a bag & embroider your name on it
2. NECi Superior Enzymes - test for nitrates in water (bring your own samples you like!)
3. Kirstin Hensley – interactive laser engraving
4. Civil Air Patrol - learn about search & rescue, signaling, drones
5. HAM Radio Station - make on-air contacts
6. Blue Marble Security – control a robot arm
7. Chicken Trumper Ultralight Gear - sew a keychain & see a demo of an industrial machine
8. Mark Davis - learn how to make guitar FX pedals
9. Beth Hirzel – learn to knit and crochet
10. Sew Cranky – make a bookmark with hand crank sewing machines
11. Ken Driessen – ride a bike to generate electricity
12. CCCAC – letterpress print a card
13. Society of Women Engineering – make a paper circuit
14. Dylan Goodson – woodcarving demonstration
15. Jonathan Nagel – learn to rebuild old windows
16. Zack Osborne – learn to grow mushrooms at home, free kits for kids
17. Finnish-American Folk School: weaving
18. Halo Lego Group - a display of wonderful lego creations
19. Keweenaw Time Traveler - learn to use and help create a historic record
20. Ian Raymond - stop-motion animation with figures
21. Real People Media - stop-motion animation with paper shapes

LEGO STATION

Play with Legos! Who doesn't like Legos?

PRESENTATION AREA

Stop by and listen to what our periodic presenters have to say. See the schedule above

Presentation Schedule

12:30 PM	Introduction to Tools!	Mobile Makerspacers
1:00 PM	Nitrate Testing & Oxygen Removal	Nitrate Elimination LLC
1:30 PM	Stop motion Animation	Ian Raymond
2:00 PM	Be a YouTube Sensation!	Dr. Shane Oberloier
2:30 PM	Restoration of a Steam Shovel	Fixie Oberloier
3:00 PM	Making: mental health benefits	Elizabeth Hirzel
3:30 PM	Making History in the Keweenaw	Keweenaw Time Traveler
4:00 PM	Upcycling precious plastics	Anna Sanchez
4:30 PM	COMPETITION AWARD CEREMONY	

