

# Makerspace Survey 2022 Results

Q1



What activities do you do the most at Makerspace (choose up to 3).

Answered: 39 Skipped: 0

ANSWER CHOICES	RESPONSES	
Woodworking	79.49%	31
Metal working	23.08%	9
Electronics/robotics	25.64%	10
3D Printing	20.51%	8
Laser Cutting	38.46%	15
CNC machine	28.21%	11
Painting	23.08%	9
Other (please specify)	<a href="#">Responses</a>	17.95% 7

Screen printing or other types of printing.

11/3/2022 04:46 PM

I just renewed after an absence so the above checklist is what I would like to do. To date, I have just done a tiny bit of woodworking.

11/3/2022 07:59 AM

Crafting

11/3/2022 05:39 AM

textile

11/3/2022 02:18 AM

Make time for kids

10/27/2022 10:40 AM

sewing

10/27/2022 10:03 AM

Q2



What do you like most about Makerspace? (Choose all that apply)

Answered: 39 Skipped: 0

ANSWER CHOICES	RESPONSES	
24/7 access	87.18%	34
Membership fee (\$50/month)	61.54%	24
Social opportunities	41.03%	16
Chance to learn to use equipment	61.54%	24
Space to realize my projects	61.54%	24
Makers Wiki - digital how to guides for equipment	7.69%	3
Other (please specify)	Responses 10.26%	4
<b>Total Respondents: 39</b>		

I can make noise with tools without having an anxiety attack about my neighbors

11/5/2022 02:18 PM

lots of good advice.

10/31/2022 10:39 PM

access machines I don't own

10/27/2022 10:03 AM

Learning new equipment

10/26/2022 08:27 PM

**Q3**



What would you most like to try at Makerspace that you haven't yet?

Answered: 39 Skipped: 0

Cnc machine

11/5/2022 04:07 PM

3d printing

11/5/2022 02:18 PM

CNC

11/5/2022 08:42 AM

3D printing

11/5/2022 06:29 AM

welding

11/4/2022 10:22 AM

3d printing, metal working

11/3/2022 04:46 PM

3D printing

11/3/2022 11:56 AM

laser cutter

11/3/2022 09:48 AM

CNC for which I got trained & signed-off

11/3/2022 09:13 AM

I have tried all that I want. Maybe I will try welding at some point.

11/3/2022 08:41 AM

Sewing

11/3/2022 08:07 AM

CNC machine. I paid towards buying it but have never used it.

11/3/2022 07:59 AM

Laser cutter

11/3/2022 05:39 AM

everything

11/3/2022 02:18 AM

3d design

11/1/2022 09:17 PM

CNC machine

11/1/2022 07:42 AM

Metal shop

10/31/2022 11:19 PM

CNC, Electronics/robotics

10/31/2022 11:07 PM

Get proficient on the cnc machine

10/31/2022 10:39 PM

laser and cnc

10/30/2022 05:45 AM

Woodworking and cnc

10/29/2022 04:54 PM

CNC Machine

10/29/2022 02:57 PM

Laser cutter

10/29/2022 08:23 AM

metal casting and battery making

10/28/2022 07:08 AM

Laser Cutting

10/27/2022 05:17 PM

Nothing

10/27/2022 11:17 AM

CNC and laser cutter

10/27/2022 10:40 AM

3D Printing

10/27/2022 10:03 AM

Laser Cutter and CNC Machine

10/27/2022 09:47 AM

?

10/27/2022 06:39 AM

cnc

10/27/2022 06:34 AM

CNC

10/26/2022 10:31 PM

The new woodworking equipment. The lack of training is a problem.

10/26/2022 10:25 PM

Nothing yet

10/26/2022 10:13 PM

3d printing

10/26/2022 09:39 PM

Lazer machine. Cnc router. Planer. Edger

10/26/2022 09:38 PM

CNC and Laser

10/26/2022 09:37 PM

CNC in wood shop

10/26/2022 09:25 PM

CNC machine

10/26/2022 08:27 PM

**Q4**



If you could change anything about Makerspace, what would it be?

Answered: 39 Skipped: 0



More storage space for current projects.

11/5/2022 04:07 PM

More accountability for damage to equipment

11/5/2022 02:18 PM

More space

11/5/2022 08:42 AM

Alter the time dimension - so that when I stepped in, time would slow.

11/5/2022 06:29 AM

metal shop area as large as woodshop

11/4/2022 10:22 AM

Haven't been apart long enough to know

11/3/2022 04:46 PM

More consumables available on site.

11/3/2022 11:56 AM

expand woodshop

11/3/2022 09:48 AM

People cleaning after themselves and to the general cleanliness of the space

11/3/2022 09:13 AM

It's fine the way that it is. Maybe if we owned our own building...

11/3/2022 08:41 AM

Clear out clutter.

11/3/2022 08:07 AM

As a senior on a restricted budget, I wish it was not quite as expensive. That is why I let my membership lapse for several years. I was not using it enough to justify the cost.

11/3/2022 07:59 AM

Improve paint booth

11/3/2022 05:39 AM

the ability to check workstation availability remotely

11/3/2022 02:18 AM

not too much

11/1/2022 09:17 PM

No thoughts on changes for the time being.

11/1/2022 07:42 AM

Clutter

10/31/2022 11:19 PM

More organized storage space.

10/31/2022 11:07 PM

more involvement in the community

10/31/2022 10:39 PM

easier communication

10/30/2022 05:45 AM

Have a ventilated area for paint / chemical projects as to not having it spread throughout the whole workshop.

10/29/2022 04:54 PM

Create more space to work. It is a remarkable lack of space without stepping on each others toes.

10/29/2022 02:57 PM

The 3D printer area is too cluttered and not accessible. There are too many 3D printers that are just being stored there (never even used) and way too many things taking up table space and being stored under the tables. The whole area needs to be gutted and reorganized.

10/29/2022 08:23 AM

Not sure at this time

10/28/2022 07:08 AM

Not much - maybe a method to keep members whole for the cleanliness of the spaces they use and leave behind

10/27/2022 05:17 PM

Nothing

10/27/2022 11:17 AM

We have spent thousands on new equipment but need to spend a hundreds on sharpening equipment

10/27/2022 10:40 AM

-

10/27/2022 10:03 AM

Any rules regarding dogs in the Makerspace should be based on the individual dogs instead of blanketing rules over all dogs.

10/27/2022 09:47 AM

More respectable patrons towards equipment

10/27/2022 06:39 AM

structured training, mentoring

10/27/2022 06:34 AM

Members not damaging equipment.

10/26/2022 10:31 PM

The lack of training something we use to have.

10/26/2022 10:25 PM

A proper sliding-bed table saw

10/26/2022 10:13 PM

More space, less club, more leave tools like I want to find them when I arrive.

10/26/2022 09:39 PM

All is fine

10/26/2022 09:38 PM

Larger woodshop, a large painting/staining bay for furniture sized things,

10/26/2022 09:37 PM

Would be nice to have space to store projects

10/26/2022 09:25 PM

More storage for projects that take multiple days. I would even be willing to pay for a locker if there was one...

10/26/2022 08:27 PM

**Q5**



What volunteer activities can you participate in at Makerspace (choose all that apply).

Answered: 39 Skipped: 0

ANSWER CHOICES	RESPONSES	
Cleaning days	56.41%	22
Cleaning up after myself	97.44%	38
Cleaning up after others as I clean my own work spaces	76.92%	30
Equipment maintenance (with Board approval)	25.64%	10
Mentoring and advising other members	28.21%	11
Member or community workshops (teaching)	30.77%	12
Other (please specify)	Responses 17.95%	7
<b>Total Respondents: 39</b>		

Contribute efforts towards time dimension altering device.

11/5/2022 06:29 AM

Maketime for Kids

11/4/2022 10:22 AM

I do the books for makerspace.

11/3/2022 08:41 AM

social media

11/3/2022 02:18 AM

## Community projects

10/31/2022 11:07 PM

comicons, trade shows, public presentations, equipment repair and donations of specialty equipment

10/28/2022 07:08 AM

Some cleaning days - if I have enough lead time. :)

10/27/2022 05:17 PM

Q6



Makerspace has a mandate to reach out to the community. In your opinion, which activities should Makerspace focus on in the next 3 years? (Choose all that apply)

Answered: 39 Skipped: 0

ANSWER CHOICES	RESPONSES
Make Time for Kids camps (Youngsters aged 8 to 14 experience robotics, programming, 3D design and printing, woodworking, and electronics).	74.36% 29
Electronics Night (drop-in program for both members and non members to work on electronic devices, build devices, repair devices and experiment)	53.85% 21
Gaming Night (drop-in program for members, non-members and disadvantaged youth to enjoy online gaming)	17.95% 7
Thursday Evening Woodworking (member opportunities for in depth equipment training or help with projects)	66.67% 26
Societal Integration (Special needs adults training on industrial equipment via Community Living BC program)	23.08% 9
Wheelchair repair and rehabilitation for people who need them	35.90% 14
Open House events (Wednesday evenings)	43.59% 17
How to workshops (e.g. advanced training on equipment)	74.36% 29
Other (please specify) <a href="#">Responses</a>	5.13% 2
<b>Total Respondents: 39</b>	

Have specific weekend "open" hours as well as Wednesday

11/4/2022 10:22 AM

Project workshops, e.g. come on a day to build a "whatever" and learn how to make the item as well as learn how to use the tool to make the thing.

10/26/2022 09:37 PM

Q7



In the next three years, I think Makerspace should focus on the following enhancements to the space: (Choose up to 5 activities)

Answered: 39 Skipped: 0

ANSWER CHOICES	RESPONSES	
Enhance the metal shop (for decorative metal work, jewellers, fabricators)	56.41%	22
Enhance the electronics/robotics shop	17.95%	7
Invest in advanced cutting technology (laser, water, plasma, etc.)	56.41%	22
Invest in advanced printing technology (3D printers - plastic, metal)	41.03%	16
Continue to enhance the wood shop	46.15%	18
Host member driven workshops for other members (could be at cost or small revenue generating)	69.23%	27
Host social activities/events (for example, bbqs, pot lucks, etc.) other ideas?	38.46%	15
Other (please specify)	<a href="#">Responses</a>	12.82% 5
<b>Total Respondents: 39</b>		



Large vinyl printer / cutter

11/3/2022 09:13 AM

textile workspace

11/3/2022 02:18 AM

Make more use out of current space. Have an open house where who use certain machines most often can talk about their projects to inspire novice users and supply opportunities for members to get to know each other.

10/29/2022 04:54 PM

Change the layout to create more working space, i.e. move the electronics area to the meeting room to create more space for the metal working area. We cannot have any additional tools in the metal working area without creating more space.

10/29/2022 02:57 PM

More training

10/26/2022 10:25 PM

Q8



What areas should Makerspace focus on to enhance your area of interest? What new equipment would you like to see (be specific and provide a model/price range)? Let the Board know what to plan for...

Answered: 39 Skipped: 0

milling lumber, lapidary

11/5/2022 04:07 PM

Metal working, specifically, a proper Miller or Lincon mig/tig/smaw. A model that plugs in to 120 would be ideal, as it won't be too big to need major changes to the shop

11/5/2022 02:18 PM

I think the next 2 pieces of equipment that should get priority are a 2 stage air compressor and a drill press for the meta area. Combined acquisition cost of approx \$5000.00

11/5/2022 08:42 AM

Nothing presently

11/5/2022 06:29 AM

Metal working mill

11/4/2022 10:22 AM

Not sure yet

11/3/2022 04:46 PM

I'm very curious about diode laser cutters - I've heard Ortur and X-Tool are good. Also would love an SLS 3d printer

11/3/2022 11:56 AM

?

11/3/2022 09:48 AM

Keeping the equipments running and tools in good condition.

11/3/2022 09:13 AM

It might be nice if the CNC could be a 4x8 bed instead of 2x4.

11/3/2022 08:41 AM

Milling machine, plasma cutter, fiber laser

11/3/2022 08:07 AM

My biggest barrier to using Makerspace is that I do not know how to do much and hesitate to touch the equipment.

11/3/2022 07:59 AM

Hand sander

11/3/2022 05:39 AM

a lightbox <https://www.youtube.com/watch?v=OMZe57I4ILO>

11/3/2022 02:18 AM

fibre laser cutter

11/1/2022 09:17 PM

No comments at the moment

11/1/2022 07:42 AM

Honestly I have so little experience with all of the current equipment that I don't what's missing. It's probably already there. More workshops would be my need

10/29/2022 04:54 PM

Central large air compressor for the entire space. Sorry I am not qualified to provide advice on a model or price range.

10/29/2022 02:57 PM

Resin 3D printer with cleaning station and UV curing chamber ~\$1000

10/29/2022 08:23 AM

better laser equipment

10/28/2022 07:08 AM

Milling machine, plasma CNC

10/31/2022 11:19 PM

New tool.. Makermade Maslow M2. Roughly around \$1500 cdn for the hardware (Amazon.ca). About \$300 for additional materials.

10/31/2022 11:07 PM

New laser cutter and metal shop

10/31/2022 10:39 PM

already have all the equipment I'd want :)

10/30/2022 05:45 AM

I would like to see more advanced software licenses for the CNC machine. Currently the software is the most basic available. I believe users of the CNC would be willing to pay a little more each month for this.

10/27/2022 05:17 PM

0

10/27/2022 11:17 AM

Members need to use their own consumables like sanding belts, saw blades, lathe tools, glue etc

10/27/2022 10:40 AM

-

10/27/2022 10:03 AM

Knowledge is the most powerful thing we have. I'd love to see workshops and more opportunities for sharing knowledge.

10/27/2022 09:47 AM

?

10/27/2022 06:39 AM

desktop waterjet \$10,000

10/27/2022 06:34 AM

?

10/26/2022 10:31 PM

langmuir systems 4x3 cnc plasma cutter and cnc mill. Both could be had for \$16000. Training must be part of any plan to purchase new equipment.

10/26/2022 10:25 PM

A proper table saw is very important. There's no space or a sliding bed, so cross-cuts are dangerous or impossible

10/26/2022 10:13 PM

A cnc built by a well supported brand. The DIY is too prone to failure and operating knowledge unique to the machine. You can't just read the manufactures manual to figure out how to use it.

10/26/2022 09:39 PM

I think there is great equipment there already

10/26/2022 09:38 PM

I am most interested in the wood shop and the improvement there have been great.

10/26/2022 09:37 PM

I was not prepared for this question so do not have specifics. Would like to see a router table with proper fences and accessories.

10/26/2022 09:25 PM

New metal drill press. Metal sheer for up to 16 g precious metals.

10/26/2022 08:27 PM

Q9



Is there anything that Makerspace is not doing that you would like to see happen? For example, creating working groups on lapidary, quilt making, or weaving, etc.?

Answered: 31 Skipped: 8

Lapidary

11/5/2022 04:07 PM

Lapidary would be a great addition, but maybe on the gem cutting side. For learning how to facet using glass or rough gems

11/5/2022 02:18 PM

I think our ability to expand into other areas of interest are constrained by available space both for work and storage area.

11/5/2022 08:42 AM

Nothing presently

11/5/2022 06:29 AM

we need to get back to actually doing workshops!

11/4/2022 10:22 AM

Not sure yet

11/3/2022 04:46 PM

Would love an electric guitar making course/workshop

11/3/2022 11:56 AM

no

11/3/2022 09:48 AM

I'm not a very active maker, but when I need it, it's there which justify my subscription.

11/3/2022 09:13 AM

Jonaco already does much of that at a lower cost.

11/3/2022 07:59 AM

textiles

11/3/2022 02:18 AM

Not currently

11/1/2022 07:42 AM

Other hobbies

10/31/2022 11:19 PM

Maybe look into first aid training for shop related injuries. Check with St. John's ambulance.

10/31/2022 11:07 PM

Like to see more workshops open to the public and members

10/31/2022 10:39 PM

not that i can think of

10/30/2022 05:45 AM



Maybe a rotating dedicated a focus on a certain area/discipline. Ie November is CNC month, December is quilting month. Advertise the machine wiki's to study, chance to sign up for a workshop or two in the month, interested parties get together on the first Wednesday day of that month during open house hours?

10/29/2022 04:54 PM

More opportunities for social connections. Stimulate more communication and interaction between members. Learning from other members should be 50% of the value the space provides in my opinion.

10/29/2022 02:57 PM

Still too many large items being stored without green tags. Poor organization in the metal working area. Too many woodworking projects overtaking metalworking area.

10/29/2022 08:23 AM

nothing at this time

10/28/2022 07:08 AM

I am satisfied with the total offerings

10/27/2022 05:17 PM

0

10/27/2022 11:17 AM

All in all a pretty good place. I'm not fond of the new rules surrounding dogs in the shop but that doesn't take away from the space.

10/27/2022 09:47 AM

?

10/27/2022 06:39 AM

working group on robotic software

10/27/2022 06:34 AM

All good.

10/26/2022 10:31 PM

I would like yo see us expand to automotive if we get more space. Theer is a big need for diy automotive space in Nanaimo.

10/26/2022 10:25 PM

I don't even know what lapidary is...

10/26/2022 10:13 PM

No

10/26/2022 09:38 PM

Would love to see workspaces setup for things like lapidary, sewing. There are clear spaces for wood working, laser cutter, metal work. There are not clear spaces for the other activities. So having the sewing machine and serger, or a loom. If those things had a obvious space.

10/26/2022 09:37 PM

Nope

10/26/2022 08:27 PM