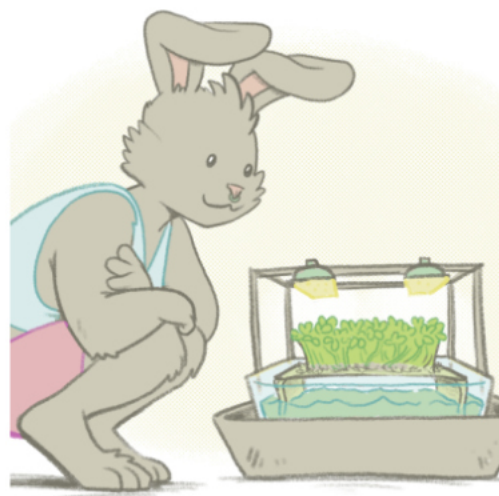
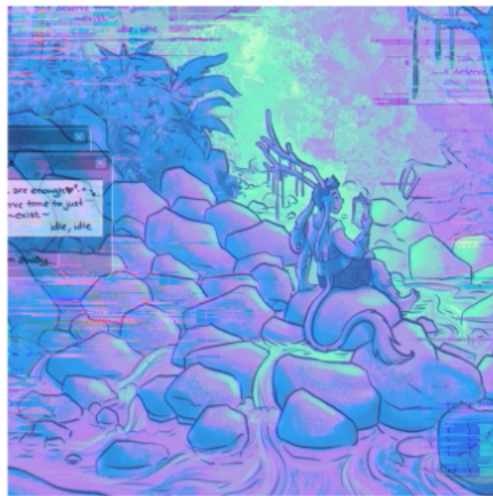




2022  
Jani's Patreon

# ReWind



# Welcome to Patreon!

Hi! I'm jam, thank you so much for supporting my artwork!

In this document you'll find a summary of everything that was posted throughout 2022 on my Patreon. It also has handy hyperlinks throughout directly to the posts so you can read more if you'd like to!

You -- my supporters -- are the ones who make this work possible, and often you get to see what I'm up to for weeks and months before the public.

With this summary you can jump right in and enjoy the ride!

In 2023, I'll be headed "back to school" and working on a "DIY Art Degree" to improve my colouring skills. I'll also be working on bringing "Good Bones" - my first solarpunk comic - to life, as well as working on developing a BRAND NEW webcomic. Who knows what else the year will have in store!

Of course we'll have lots of special events throughout the year as well - custom requests, questions, hourly comics and other fun things.

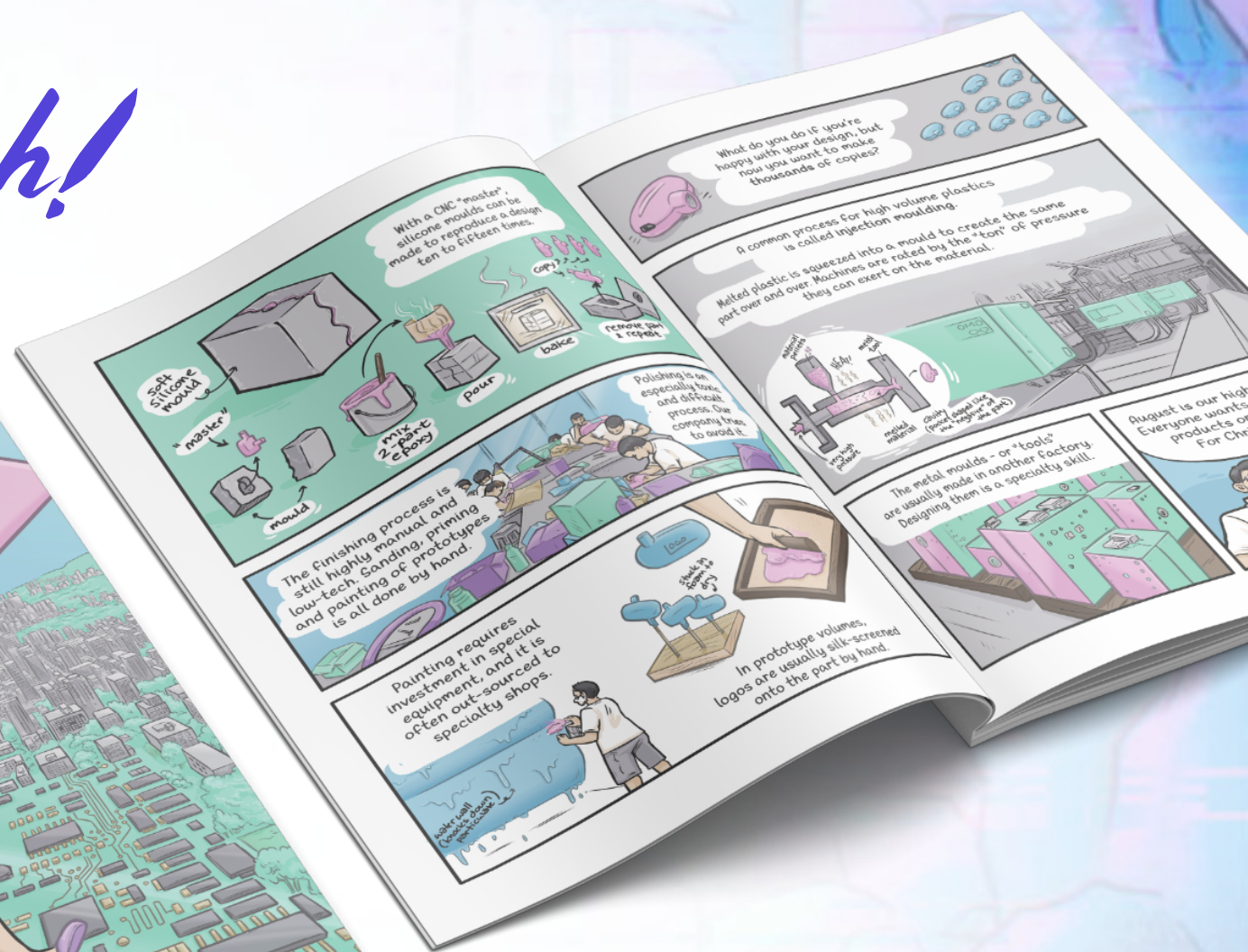
Ok team, stay hydrated and enjoy the art!

Love, jam  
December 2022

# Shenzhen Fast Launch!

Shenzhen Fast finally launched to the public in May! This was a huge multi-year undertaking and my Patrons were there with me every step of the way.

It was so great to see the reactions of people to this style of work, and finally getting print editions in people's hands.



# Career Line - Inks and Colours



**The Making Of Jam's Guide to Planning Your Career**

**Jam's guide to PLANNING YOUR CAREER**

**SCRIPT**  
This particular comic began in late 2019 as a mind map, which was then fleshed out into a script - a point-form outline and five pages of ideas and notes.  
I don't always start with a detailed script... But when I do tend to be very long.  
The detail helped a lot, though the mind map is a technique I use often, especially when the idea I'm starting with is very vague and I have a very wide range of ideas of what I could possibly talk about. There's a lot in this mind map I didn't even touch on in the end.

**PAGE BREAKDOWN AND THUMBS**  
Next I very responsibly broke the comic down into 16 pages, which is about the length I wanted the zine to be. At first I thought I had skipped this step but I found them in my files at the last minute! Page breakdowns are very helpful because sometimes even jumping into thumbnails is overwhelming.  
The thumbnails are drawn at 1/4 size (four pages on one sketchbook page). You'll notice I started with three pages though - this is so that I could be mindful of "spreads" - how the pages look when the book is lying open for the reader. This page-spread and page-turn effect can make a big difference! Not necessarily in this informational zine, but it's still a good habit.

**PICREW**  
Obviously, the next step is to create an elaborate Picrew image generator so patrons can create cat-versions of themselves to be featured in the comic! What? That's not obvious? Well, I thought it was pretty fun, it's still up if you want to give it. (and I kind of want to make a new one...)  
(But I should probably remember that I had to create over 200 individual assets just to make this "simple" one...)

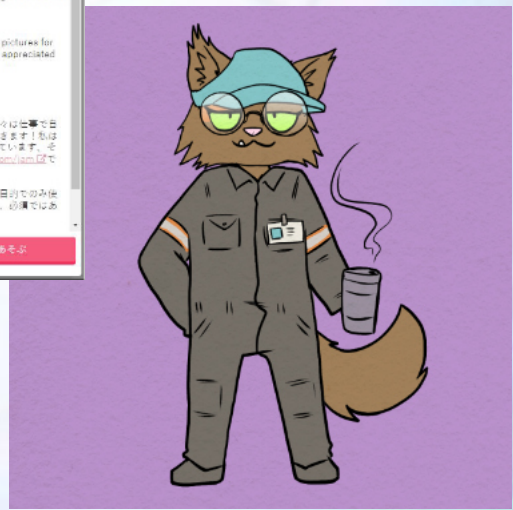
**PENCILS**

**INKS**

**TONES**

**DRAWING**  
The actual drawing of the comic uses

The bulk of this 2022 was spent inking and colouring "Jam's Guide to Planning Your Career". This wrapped up in August and I celebrated with the release of another making-of document.



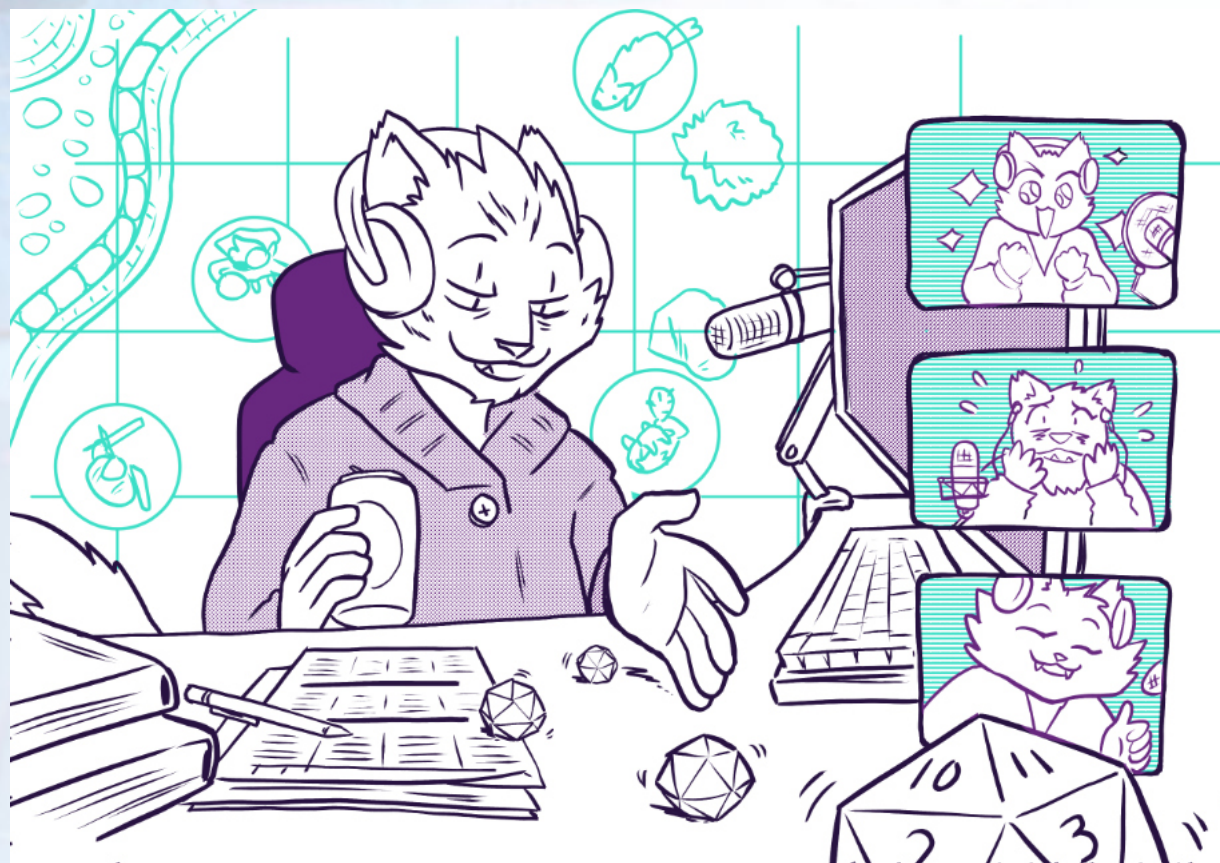
# Fanart Request Day (March)

The first unlocked Patreon-exclusive event happened in March - Fanart Request Day!

This year I asked you all what was making you happy in these turbulent times, and I had fun illustrating those things.

One of the things making me happy was Lower Decks.





Here are some joy-making activities! DnD, Get Ready With Mes and listening to your favourite Comfort Shows.

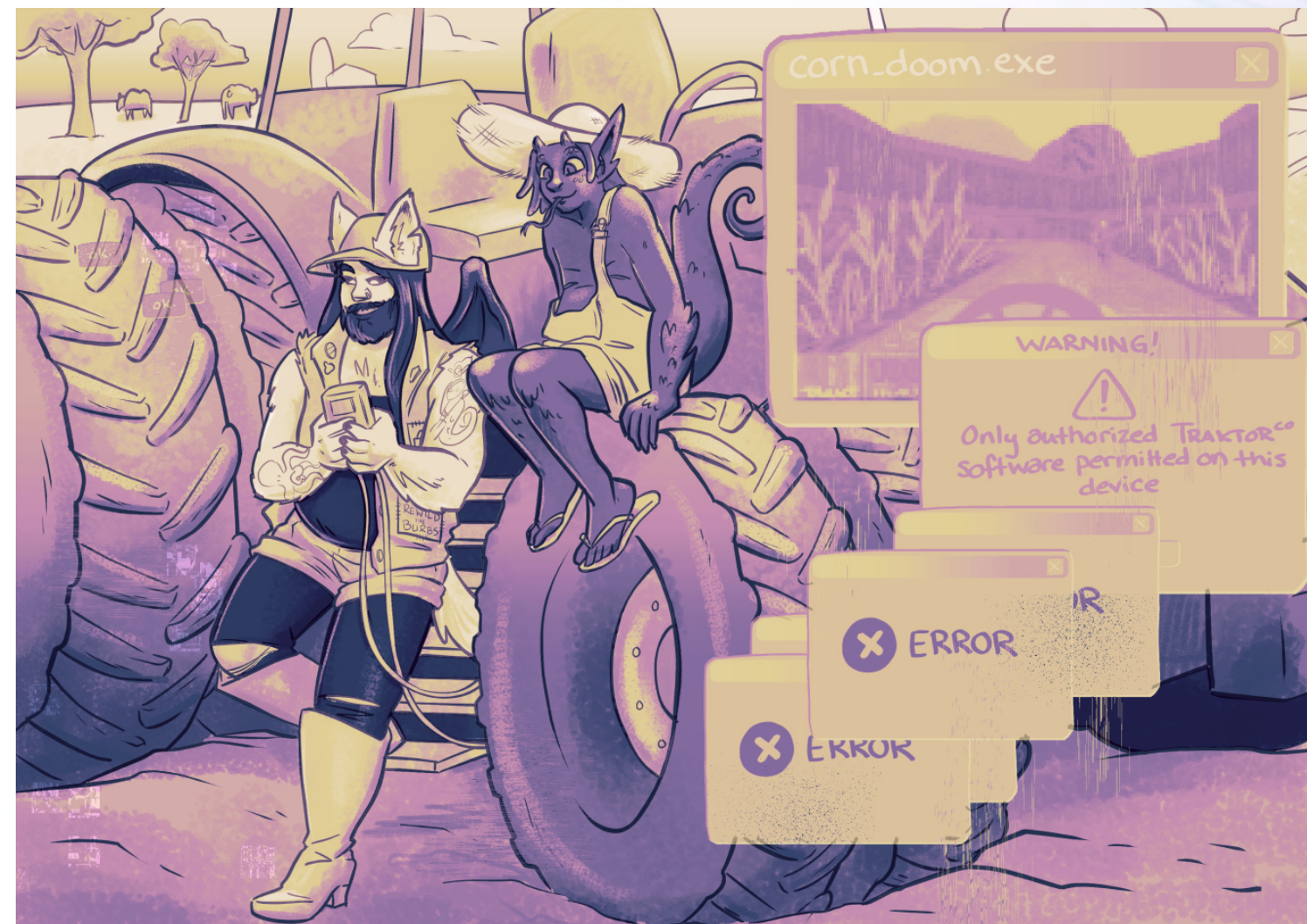
I drew everyone as cats this time. That's what makes ME happy. At this point in my life, any moment spent NOT drawing a cat feels like a waste of time.



And some extra Sci-Fi fanart! Luke Skykitty and the Red Dwarf Crew.  
How does Cat feel about everyone being a cat now, would he get jealous?

# Headen Art Gallery

Every month I post a newsletter round up so you don't miss anything from my various wanderings across the internet. I usually decorate them with a header image. These are getting a bit involved... \*Laughs nervously\* but I did make some pieces I'm quite proud of throughout the year :)







# AMA - IPCC Report

## What did they say?

"It is unequivocal that human influence has warmed the atmosphere, ocean and land. Widespread and rapid changes in the atmosphere, ocean, cryosphere and biosphere have occurred."

**unequivocal** adjective

Save Word

unequiv-o-cal | \, -on- + -kw-i-va-kal

Definition of unequivocal

- leaving no doubt: CLEAR, UNAMBIGUOUS
- UNQUESTIONABLE  
// production of unequivocal masterpieces  
— Carole Cook

743 scientists agreed to use THIS word. (That's a big deal.)

SPM-5

The best estimate is that our planet has warmed +1.07degC by 2020\*. It is very likely (90-100% confidence) that this was caused by Greenhouse Gases.

SPM-6

The rate of warming the planet is unprecedented.

**unprecedented** adjective

Save Word

un-pre-ced-ent-ed | \, -on- + -pre- + -ced- + -ent-ed

Essential Meaning of unprecedented

not done or experienced before

of the year has enjoyed unprecedented success this year.

of this level of growth is unprecedented.

of an unprecedented number of students are taking the class.

There hasn't been this much CO2 in the atmosphere for at least 2 million years.

2 myops: First Hominins appeared

SPM-7

Every single region of the globe has experienced negative effects from climate change.

SPM-12

Direct quotes are in blue. My paraphrase or interpretation is in black. Source notes are in the bottom-right corners of panels. \*As compared to the world's temperature between 1850-1900

There isn't a single easy answer to how we transform our societies, but there are many ideas we can try and build upon.

## STOP repeating these MYTHS



- ~~X It's too late to stop this~~
- It's not too late to give the world's ecosystems a fighting chance of survival, or too late to reach out and support the countries most affected by climate change. It IS too late for "business as usual"
- ~~X It's a matter of personal carbon footprint~~
- It's a matter of breaking our societal reliance on fossil fuels.
- ~~X We can't afford the changes required~~
- We can't afford NOT to change. \*

In late 2021 I did an AMA special event focused on the IPCC Report (important UN Report on Climate Change).

My response turned into a 16-page monstrosity of an explainer comic draft.

I got some really great feedback on this comic, and while I don't think it will proceed any further in its current form, it gave me a lot of ideas for how I could talk more about this topic in the future.

Either way I learned a lot putting it together so it was a useful exercise :)

\*\*Can the economy afford NOT to fight climate change? - Yale Climate Connections Sept 2021

# AMA - Solarpunk

Then November rolled around again and I decided to take those IPCC learnings forward and ask you all about a more optimistic future. I had a lot of fun writing these answers and even turned a few into comics :)

## Questions about a Solarpunk Future...

**Holly asks:** What would a solarpunk education look like?

Young children are integrated into daily life in the community.



Learning from a young age how to take care of themselves and others.

As children grow they can take on projects, supported by local experts.



Educator specialists help "teach the teachers" (based on their interests).

Education is life-long, but it could be more skill-based than degree-based.



Dedicating your whole life to knowledge will still be possible... but resources are allocated based on community need.

## Questions about a Solarpunk Future...

**Thor asks:** How will we deal with all the toxic processes we depend on?

Every item we can REDUCE a need for has a MANY-FOLD impact.




Until we can replace a toxic technology, STANDARDIZATION will support repair and recycling.



Toxic items are optimized and shared.

And regenerative biochemical technologies and advanced materials can help to replace the rest.



## Questions about a Solarpunk Future...

**Mat asks:** Will international travel be viable?

Humans have a deep drive to gather & explore.



That's not going away.

The first step is to reduce the NEED for rapid international travel.

Invest locally so people can rest, have fun, and have new experiences domestically.



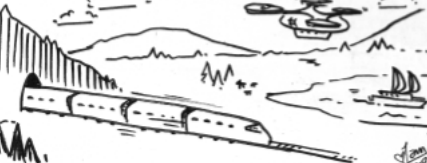
Improve access to short term leave & breaks so people can travel more SLOWLY.



And improve access to visas and work permits so families can stay together or relatives can stay longer.



For the needs that remain, carbon-free modes of transport can fill the gap.



# Trash Heroes

**TRASH HEROES**

**DM**  
Dungeon Biologist  
+1 Inspiration for All  
230.50%  
137 DAYS TO GO (Layne)

**COPERNICUS**  
Human Warlock (played by Peter)

**TAREA GERENTE**  
Tabaxi Sorcerer (played by Jam)

**FETTID**  
Kobold Ranger (played by Jeph)

**OOGNA SUGARTUSKS**  
Orc Fighter 7 - Battlemaster Archetype

STR 20	HP 67	Background: Pit Fighter
DEX 14	AC 17	- Pit Rat
CON 16	Feats:	- Fame
INT 08	- Menacing	- Larger than Average
WIS 10	- Grappler	- Iron Liver
CHA 14	- Brawler	- Trusted Friend

**OOGNA**  
Orc Battlemaster (played by Alina)

**TROMLIN**  
Satyr Cleric/Rogue (played by Randy)

**Jam** (they them) @jamdr0id <https://linktr.ee/jammyiness> [patreon.com/jam](https://patreon.com/jam)

**Peter Chiykowski** (he/him) @rockpapercynic [nat21workshop.com](https://nat21workshop.com) [patreon.com/rockpapercynic](https://patreon.com/rockpapercynic)

**Jeph Jacques** (he/him) @jephjacques [questionablecontent.net](https://questionablecontent.net) [patreon.com/jephjacques](https://patreon.com/jephjacques)

**Alina Pete** (they/them) @alinapete [weregeek.com](https://weregeek.com) [patreon.com/weregeek](https://patreon.com/weregeek)

**Randy Milholland** (he/him) @choochobear [somethingpositive.net](https://somethingpositive.net) [patreon.com/choochobear](https://patreon.com/choochobear)

I was able to do a guest appearance on Trash Heroes - a DnD Actual Play twitch stream featuring a ton of webcomic pals.

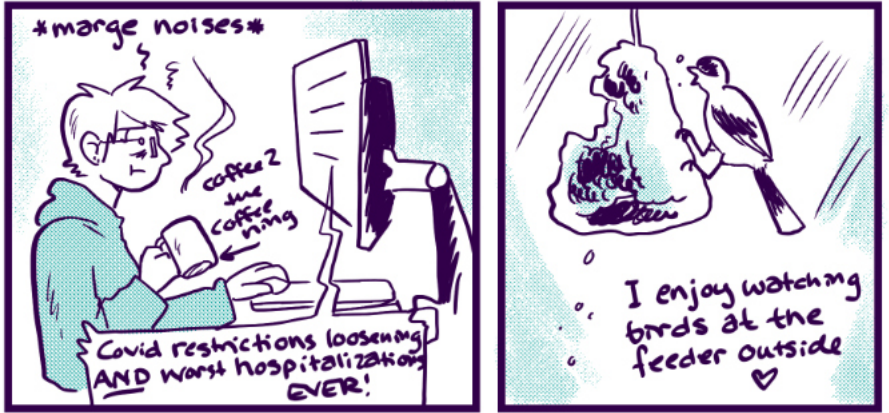
I played a stuck-up cat who was really good at paperwork. Because of course I did.



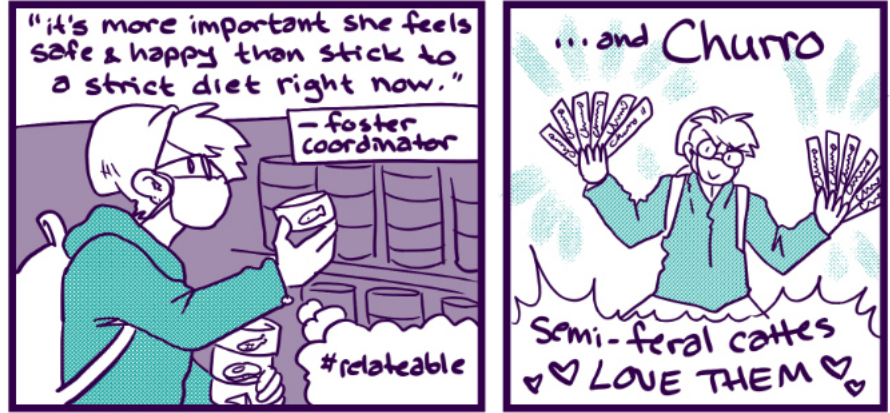
Jam

# Hourly Comics - February

9am: Remote Work: News & sorting tasks

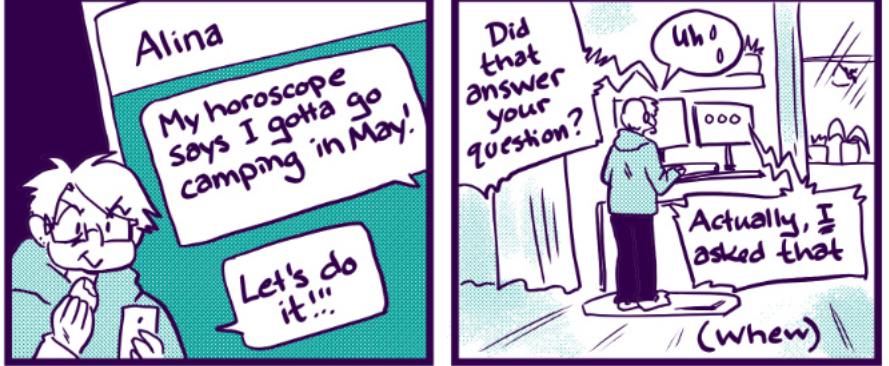


Gettin' "junky" food for Konan



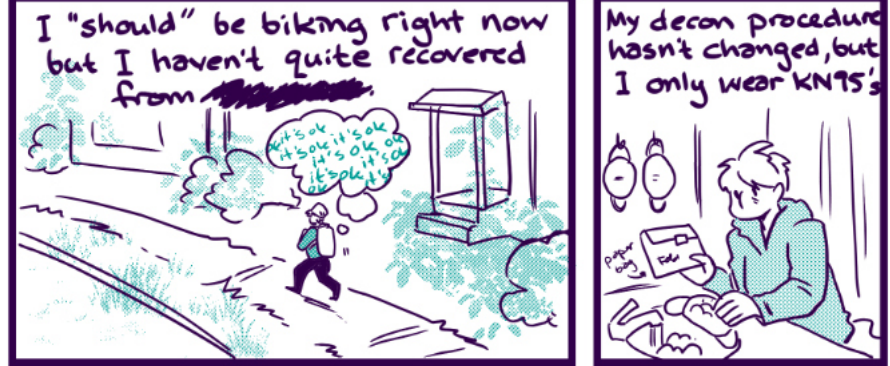
10am Eg

10:30-11:30 Team Mtg



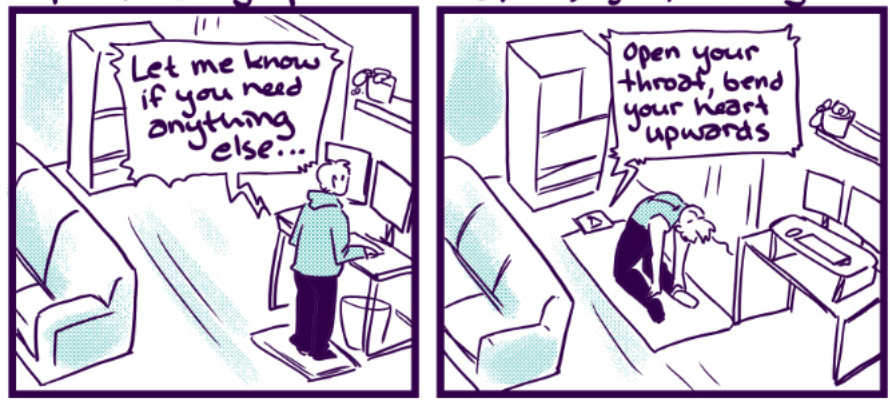
11:30

12:00 slonch



4pm finishing up work

5pm yoga & cooking

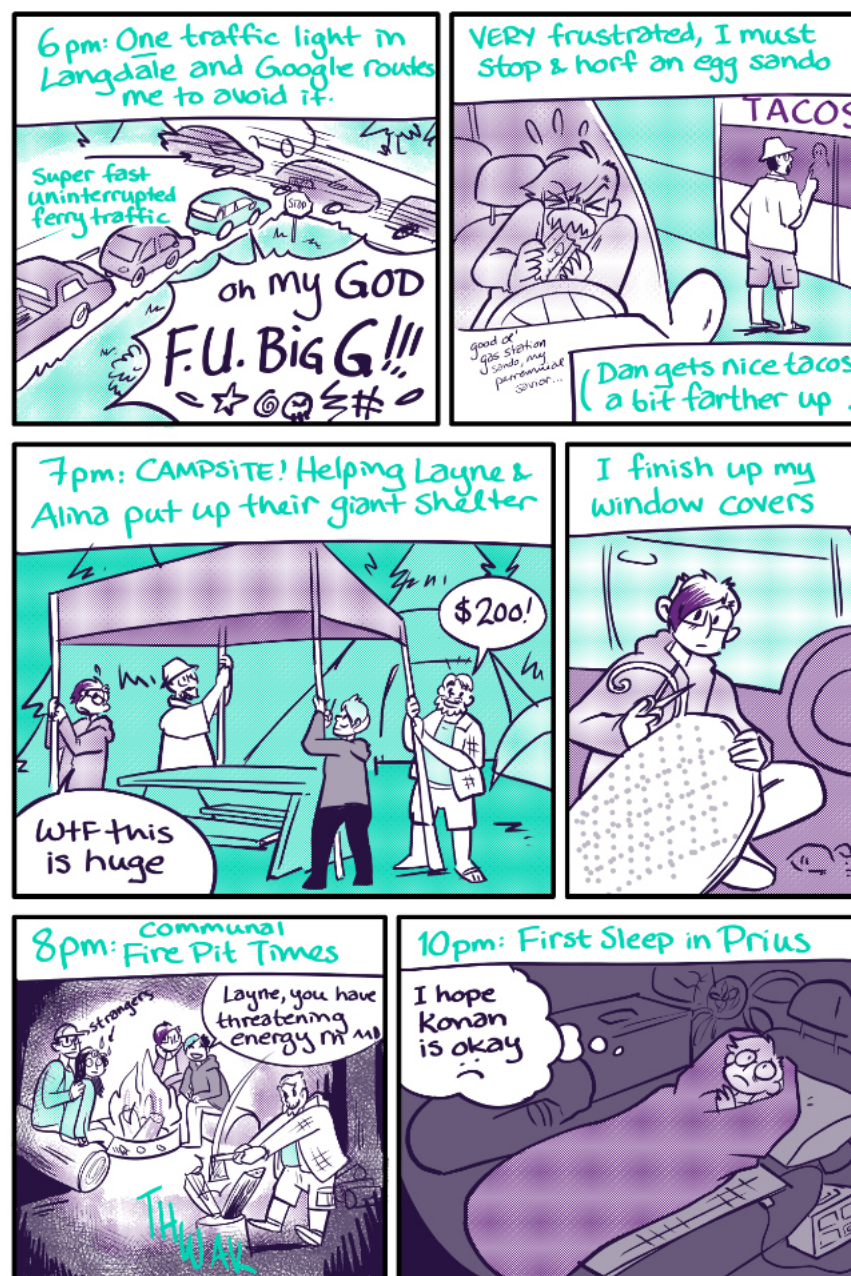


Gosh I did a lot of hourlies this year! The first time was just the [regular public Hourly Comics Day](#) that happens every year on Feb 1.

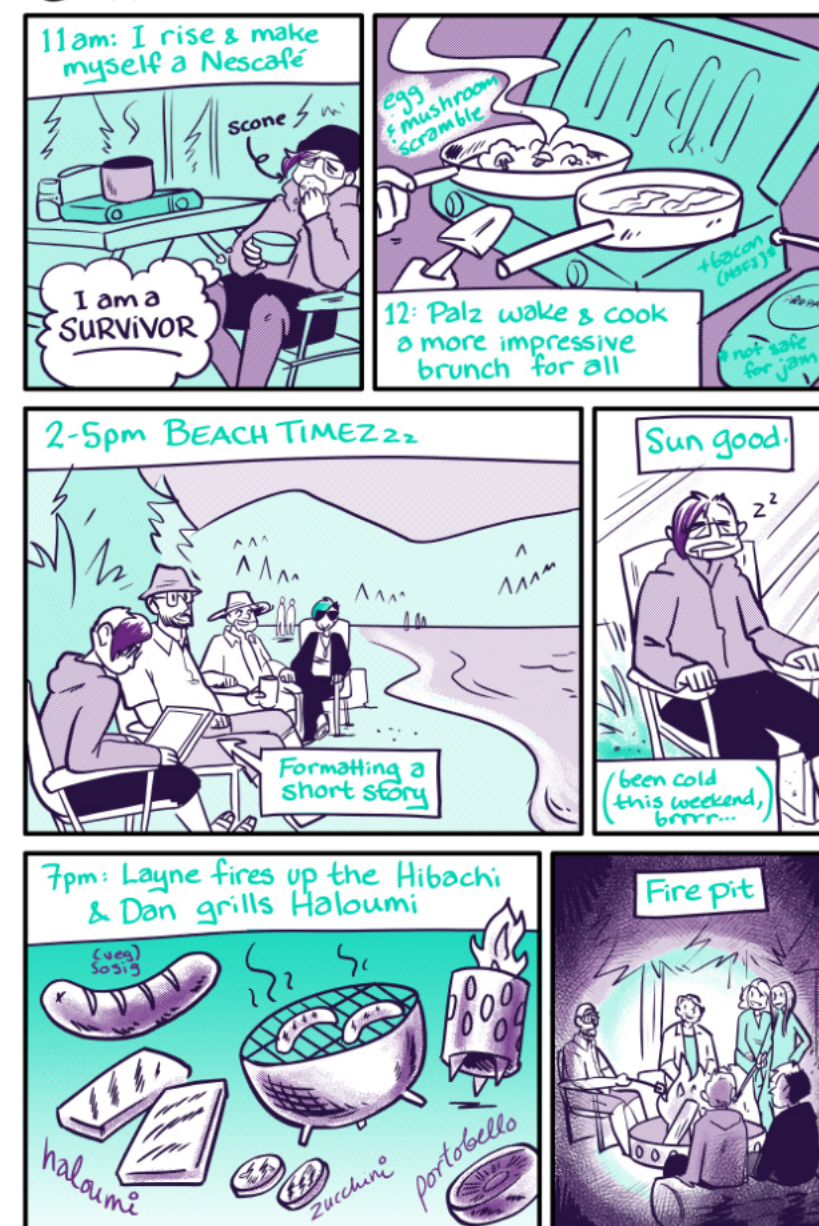
# Hourly Comics 2 - July

The second time I did hourlies was when that collective goal (\$400/mo) got unlocked!

Thanks to your pledges, I'll be doing bonus hourlies every September now :) I did these extra-extra ones to celebrate the unlocking.

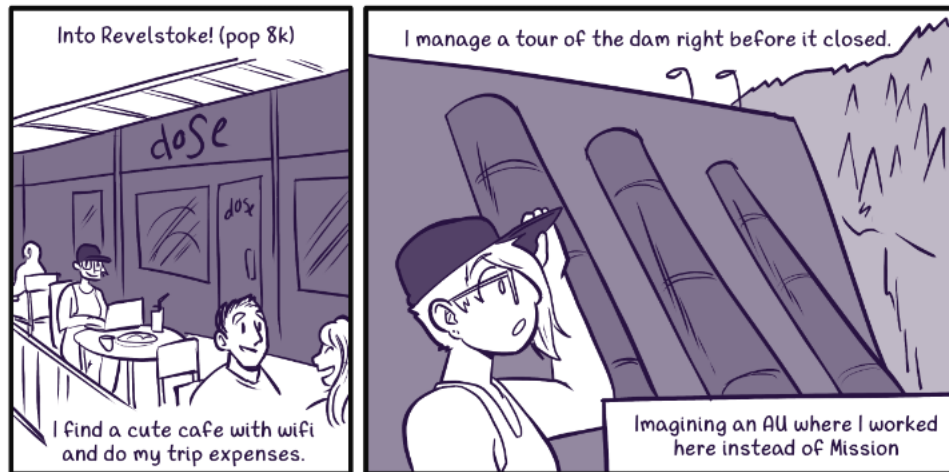
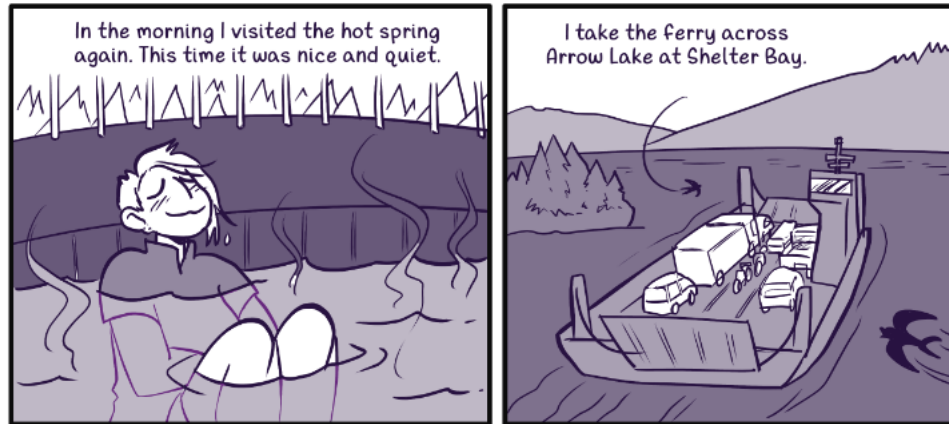


SATURDAY...

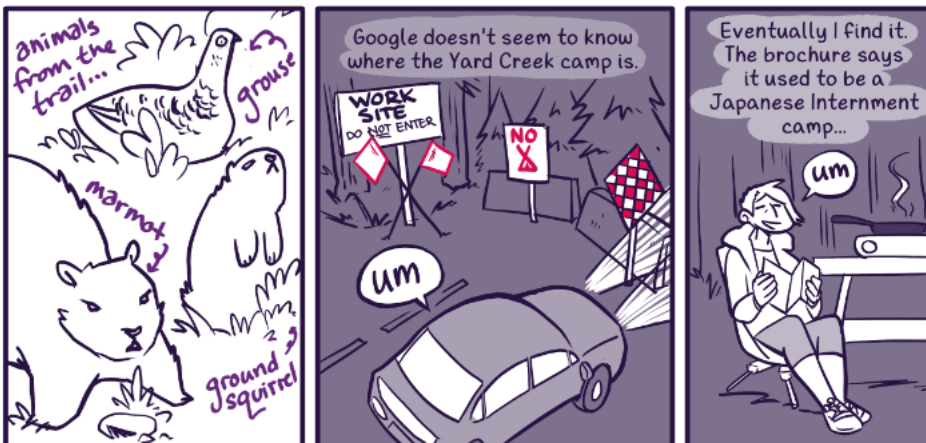


# Hourly Comics 3 - October

DAY 7: NAKUSP -> REVELSTOKE



DAY 8: REVELSTOKE



And the final hourly for the year was the ACTUAL collective event.

It ended up being too long (11 pages!!) so I didn't finish it until October, but the events are from a road-trip I took in September :)

# Quality Testing Level



Show your list to others to get ideas on career paths that match those experiences.



Wow everything so far was available for all Patrons for any pledge amount!

The next pledge level is Quality Tester at \$2.

Mostly this level is works-in-progress and finished pages, months before they're available to the public. For a lot of this year, that meant the Career Zine!

(The full finished comic is available on the same page as the making-of!)



# 3D Printing Zine

## PRINTING IN THE THIRD DIMENSION

You've probably heard of a 3D Printer, but have you ever wondered how it actually works? This is a beginner's guide to what 3D Printers are, who uses them, and how they create objects that you designed yourself.

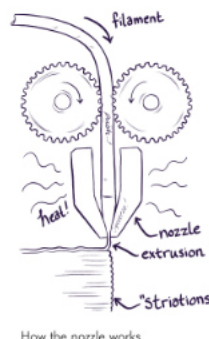
### What are 3D Printers?

A regular printer will take an image and apply it to an existing flat surface. A 3D Printer can make something with depth, the third dimension. (That's the third "D")

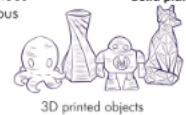


### All you can extrude

The most common type of printer is called a Fused Deposition Modeling printer, or "FDM". The material used for this type of printing is called "filament" - a thin, rigid piece of continuous plastic that looks a bit like a plastic wire. The filament is melted and squirted out of a nozzle in a thin line (extruded).

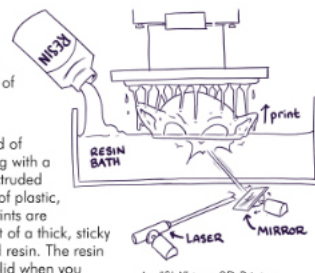


A gantry (motorized rail) moves the nozzle back and forth to make shapes while the filament is melted and squeezed. This lets you put the thin extruded line of plastic wherever you want, and the computer tells the printer how the lines will make the shape you want. The build plate moves down after every layer (in the "z" direction) to make space for another layer of plastic. Each layer of melted plastic will fuse to the previous layer in order to create a continuous shape. This is why you often see "striations" (contour layers) on parts that are made with this method.



### The power of light

Another common type of printer uses a process called stereolithography or "SLA". This type of printer still needs a file from a computer, and it still slices it into hundreds of layers, painting one layer at a time.

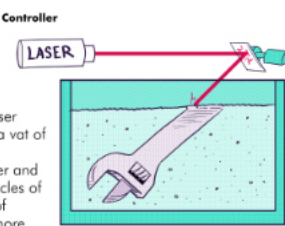


Instead of printing with a thin extruded piece of plastic, SLA prints are made out of a thick, sticky liquid called resin. The resin becomes solid when you shine a UV light on it.

The printer uses mirrors and lenses to move a beam of light along the top surface of the resin in the bath. This hardens the resin instantly in a process called "curing". Once a layer is finished, the machine will pull the cured layer out of the bath. In this way the print "rises" out of the liquid! All of the layers will fuse to each other as it is pulled out of the tank. This means that a print is actually built upside-down!

This type of printing is best when you need a very small part that has a lot of features or details.

Most printers of this type are slower, so it's more expensive to make a print using this type of machine.

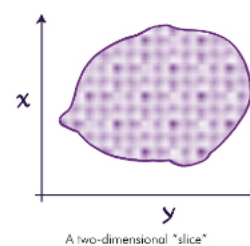


### Frikkin' laser beams!

A third common type of printing is called Selective Laser Sintering or "SLS". Like SLA printers, they work using a vat of material and a directed beam of light to make 3D components. In this case, the material is a fine powder and the focused light is a laser that fuses (sinters) the particles of powder together. One interesting aspect of this type of printing is that the part is "buried" as it is built, with more layers of powder being added to the top of the part.

## SLICE AND DICE!

A 3D printer needs a file from a computer that describes the type of object to make. Usually, this file is made using computer aided design (CAD) software, or another type of 3D modelling software. Sometimes an object can also be scanned in 3D.

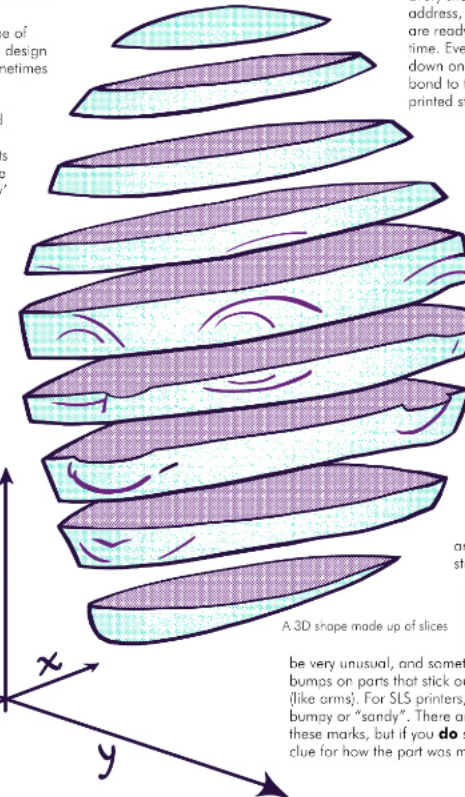
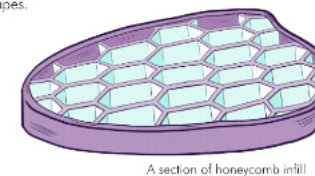


Computers see the world as little dots known as "coordinates". These dots have an address in space called 'x' (left to right), 'y' (forward and back) and 'z' (up and down). X-Y-Z is common but you can name the dots however you like! The computer will "slice" the 3D shape into hundreds of flat layers in the X-Y dimension.

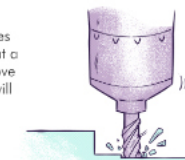
Those slices are stacked together in the Z dimension. When all of these layers are put together, the full shape appears.

### Honeycomb Strength

Printer filament can be expensive, so many 3D printed parts are **hollow**. The computer will fill in the middle part with a pattern that will help it be strong. (This is called "in-fill".) This in-fill shape can be a honeycomb, triangles, squares, or lots of other interesting shapes.



Every slice will have its own up-and-down address, or Z-coordinate. When all the slices are ready, the printer will create one layer at a time. Every time a layer is finished it will move down one notch in 'Z', and the new layer will bond to the previous layer. The 3D part is printed step by step.



### Add or Subtract?

Did you know? Because 3D printers "add" all the layers together to build a shape, 3D printing is sometimes called "additive manufacturing". Traditional machining is the opposite - "subtractive manufacturing" - because it starts with a 3D block of material and then takes the extra material away layer by layer. The code that runs a 3D printer and a CNC machine isn't too different because they use the same slice-and-coordinate system (often called "G-Code").

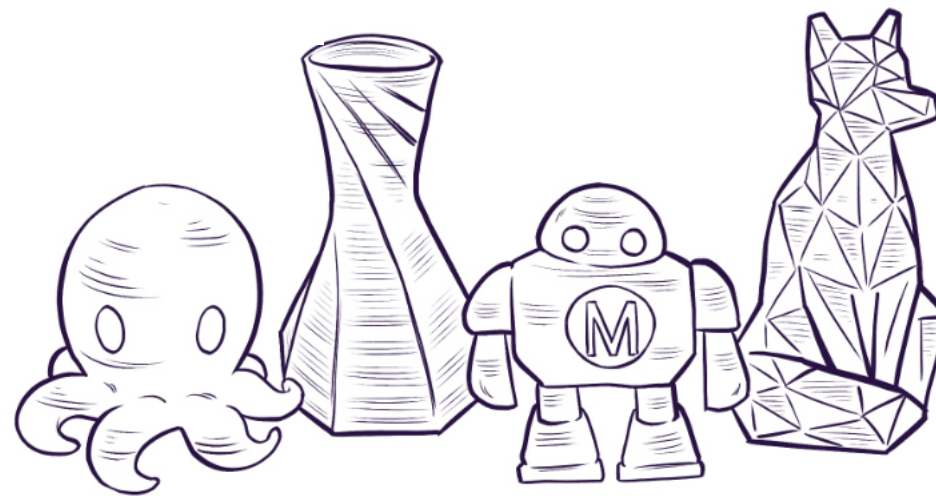
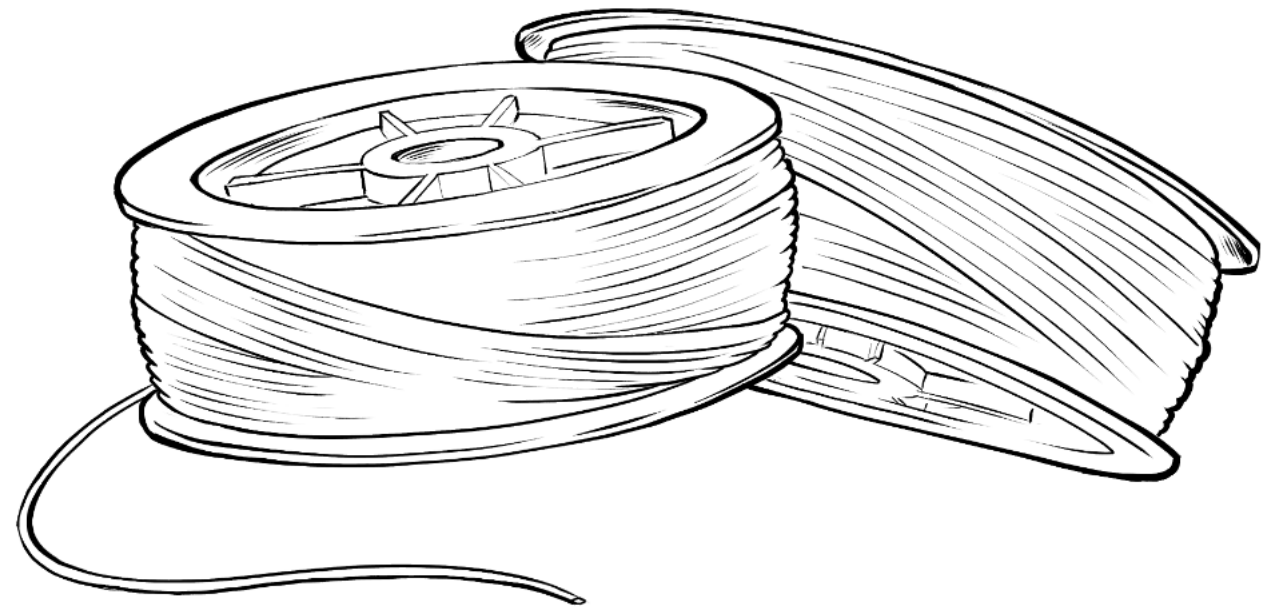
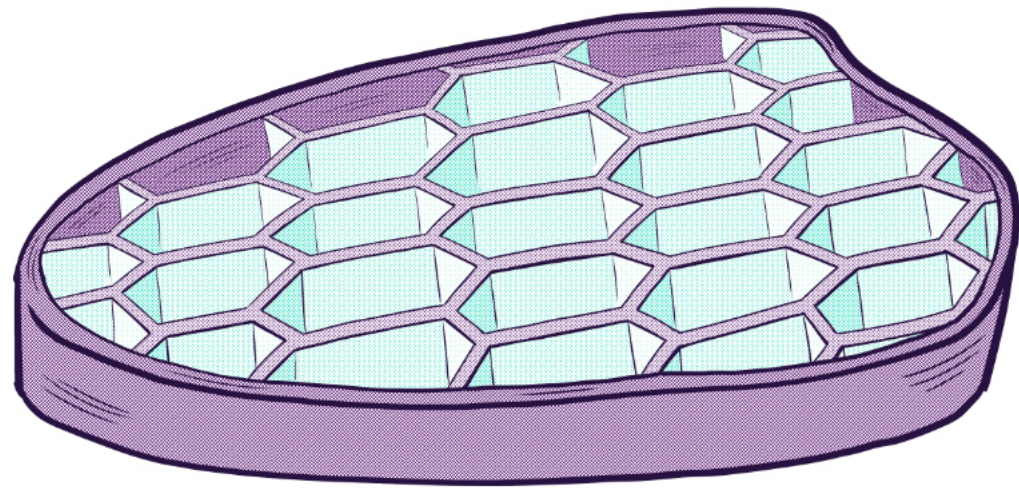
### The Tell-tale Bumps

How can you tell if a part came from a 3D Printer? There are lots of different types of printers, but all of them will leave behind some clues that can give you hints for how it was made. The first thing to look for is the surface. If it's not very smooth, and has a bunch of ridges or bumps all going in the same direction (called "striations"), that is a clue it might have come from an FDM-type printer. The striations are all the layers! It might sound hollow and if it breaks you might see the infill pattern inside. 3D Printed shapes can be very unusual, and sometimes you can see little bumps on parts that stick out from the middle (like arms). For SLS printers, the surface might be bumpy or "sandy". There are ways to disguise these marks, but if you **do** see them it's a big clue for how the part was made!



After the Career Zine wrapped up, I started in on pages for the 3D Printing Zine. I'm experimenting a lot with formatting in this one, and I posted the first draft of the first two spreads. [Pages 1/2](#) and [Pages 3/4](#).

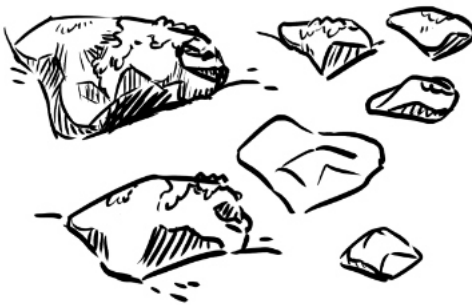
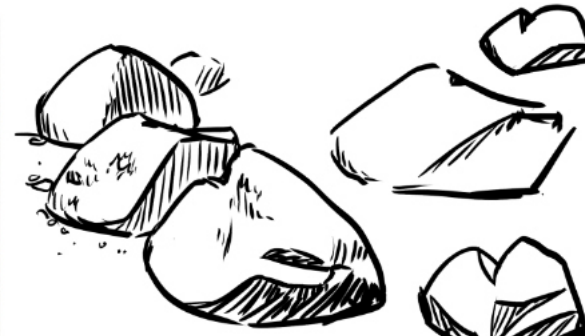
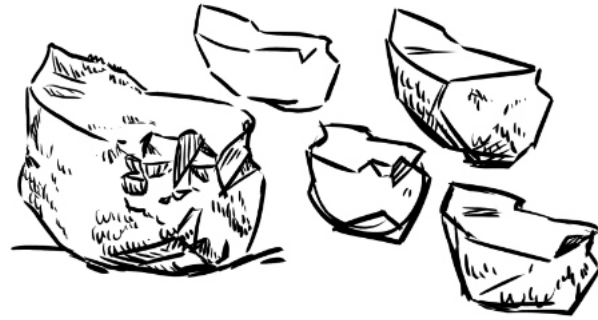
Here's some close-ups on some of those illustrations, because I'm proud of them :)





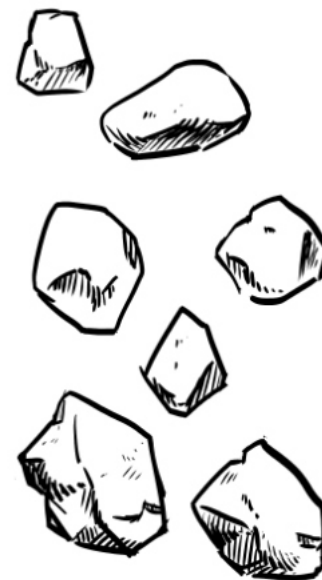
I collaborated with my friend Phil again to make some more coasters based on his corgi! Those are now for sale [here](#).

# Studies - Nature

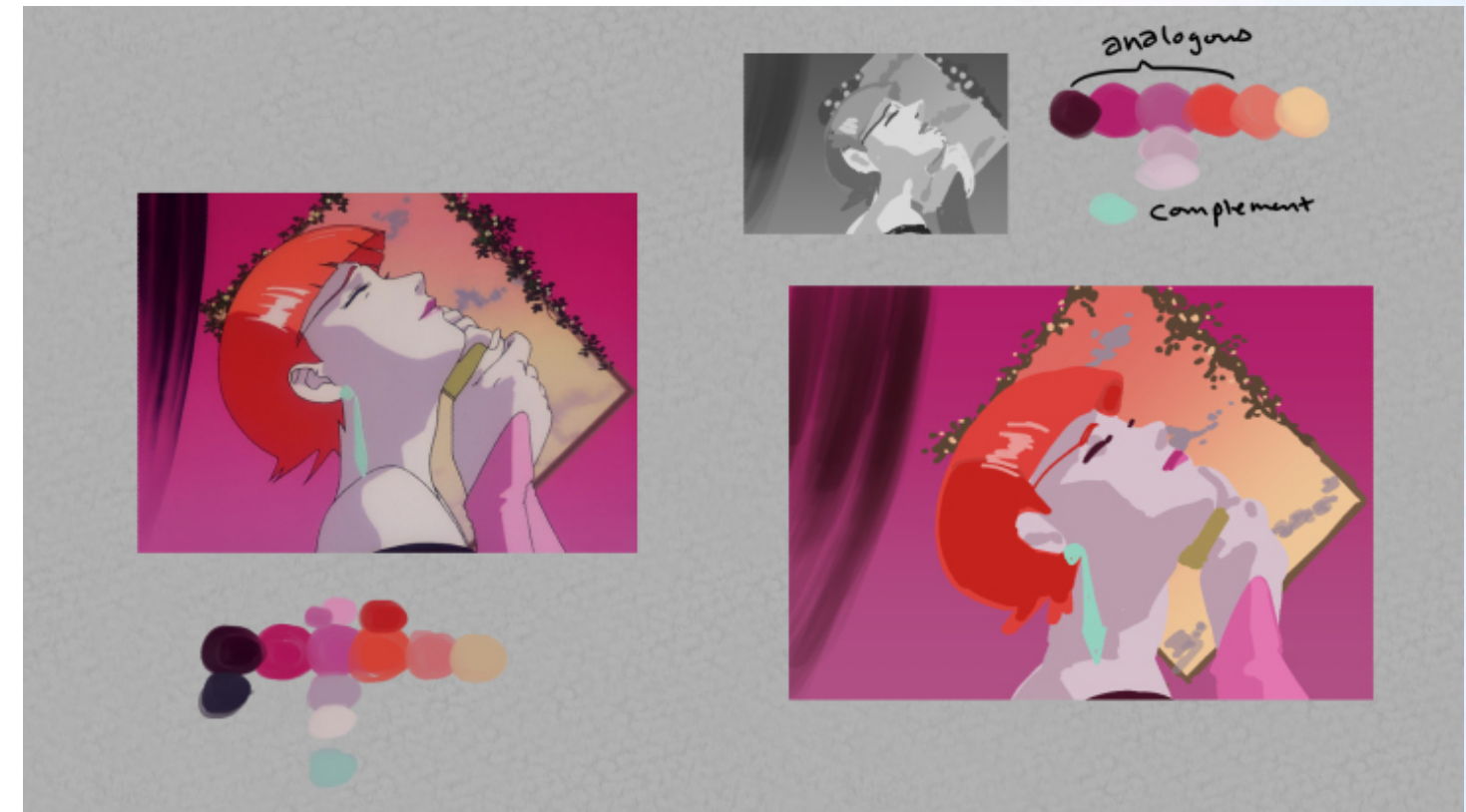
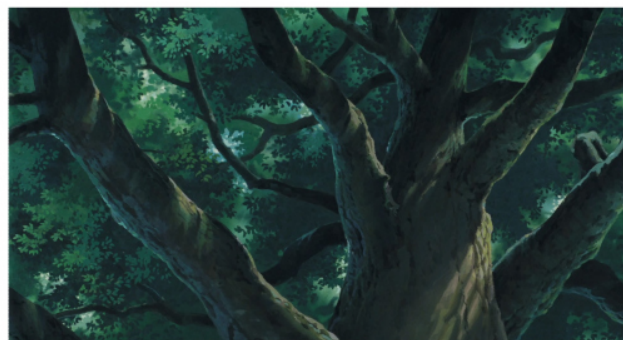


I did more deliberate practice this year, focusing here on rocks so I can improve the way I draw natural environments.

I think these learnings came in handy when I did the BC Road Trip comic.



# Studies - Colour



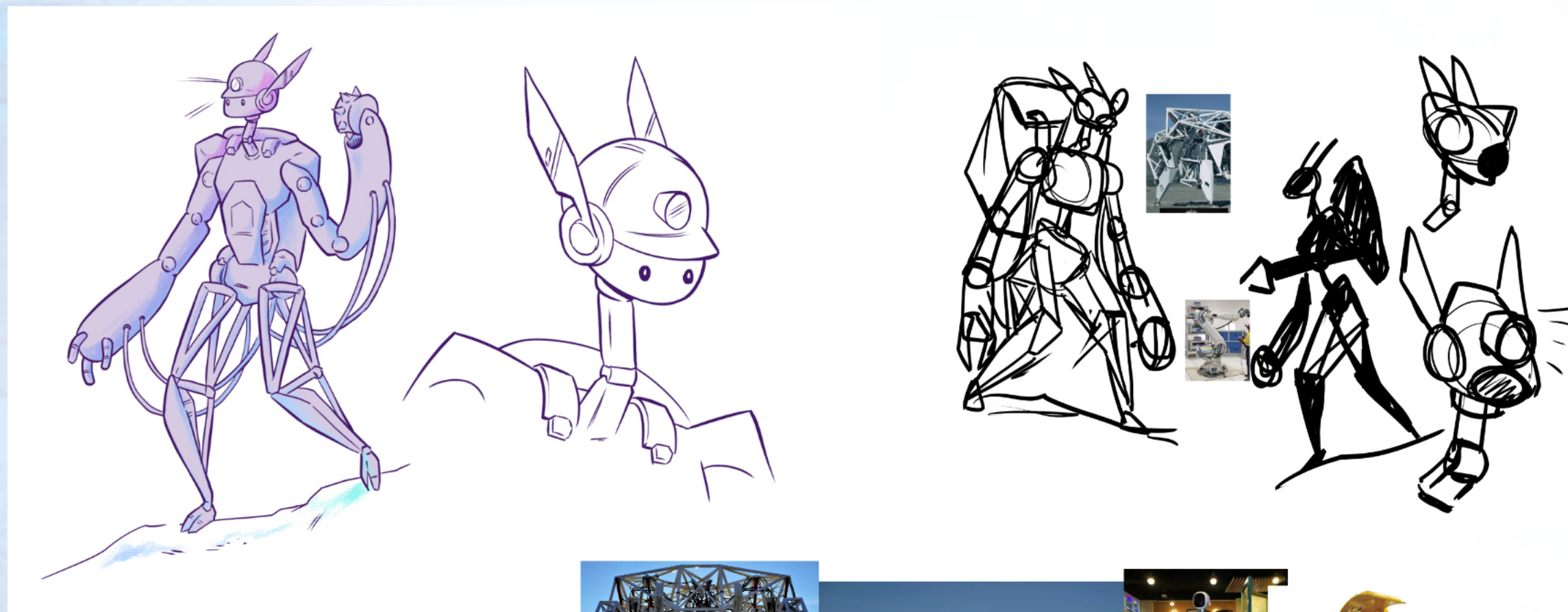
I also did some studies focused specifically on colour.

# Studies - Gestures



And I did some extra studies on form and gesture. I'd like to do way more studies next year (especially colour studies) because I feel they really improve my art!

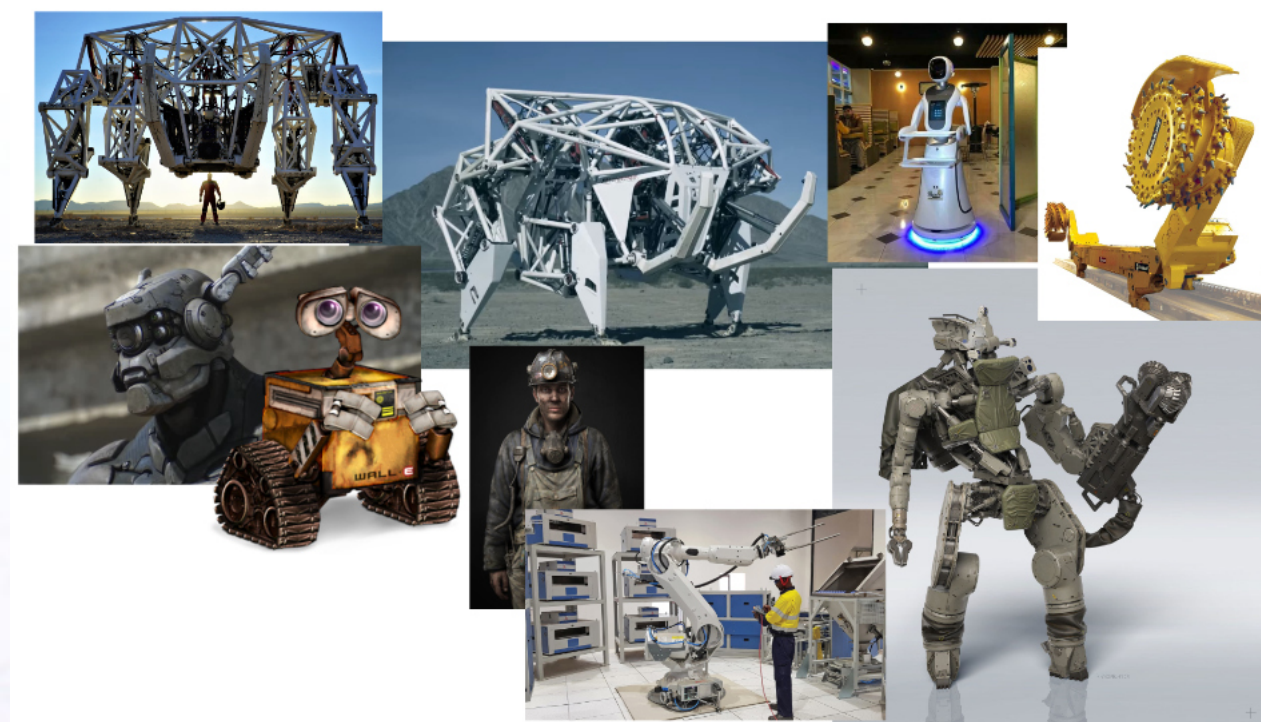
# Lab Tech Level



Patrons at the "Lab Tech" level get access to a lot more detail into my process and see a lot more behind-the-scenes work. And words, a lot of words :)

Early in the year I was focused on more detailed development for Good Bones.

I also sent my Good Bones script to a freelance editor for review and wrote a bit about that process.





Lille

More [character development work](#) for "Good Bones".

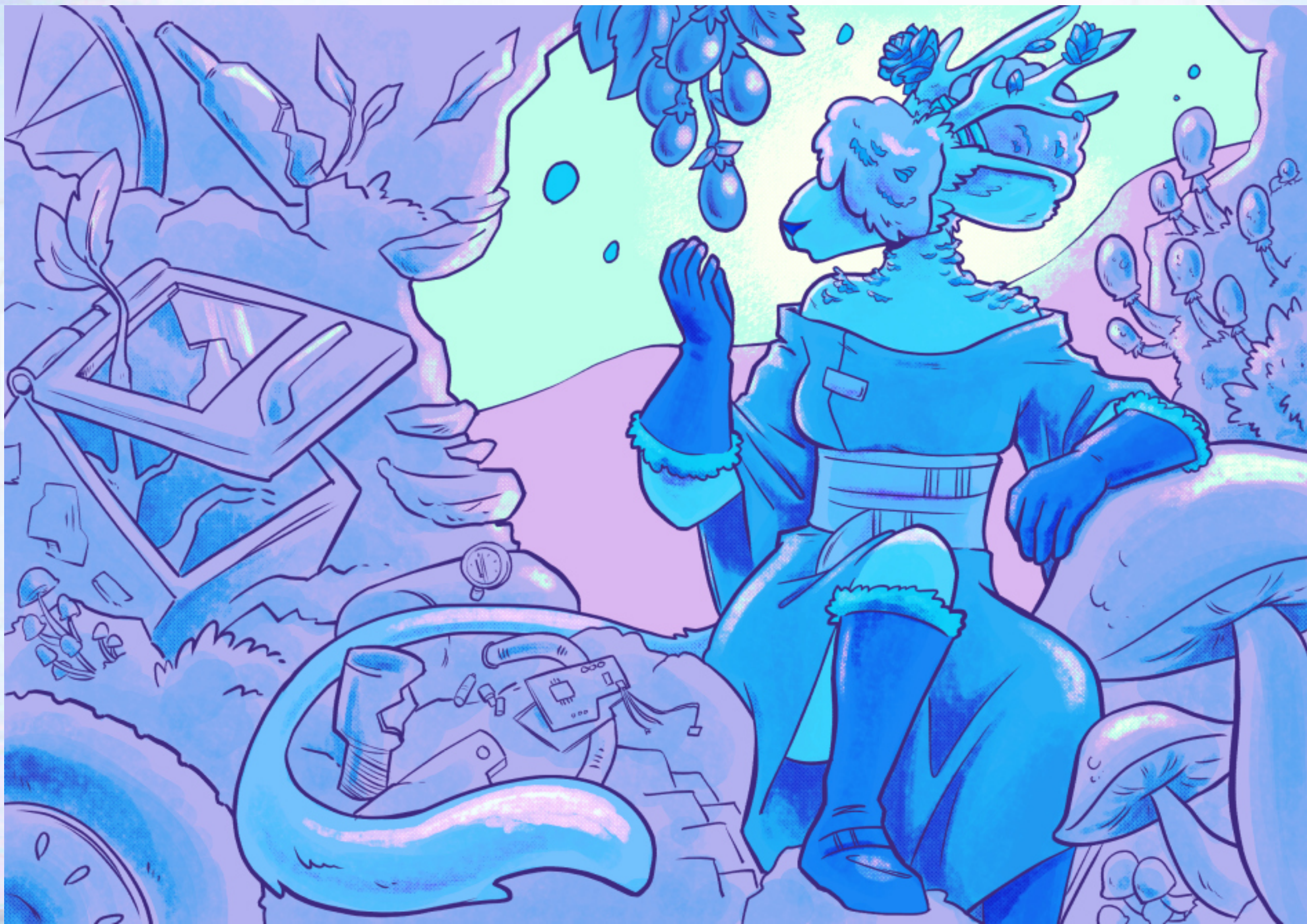






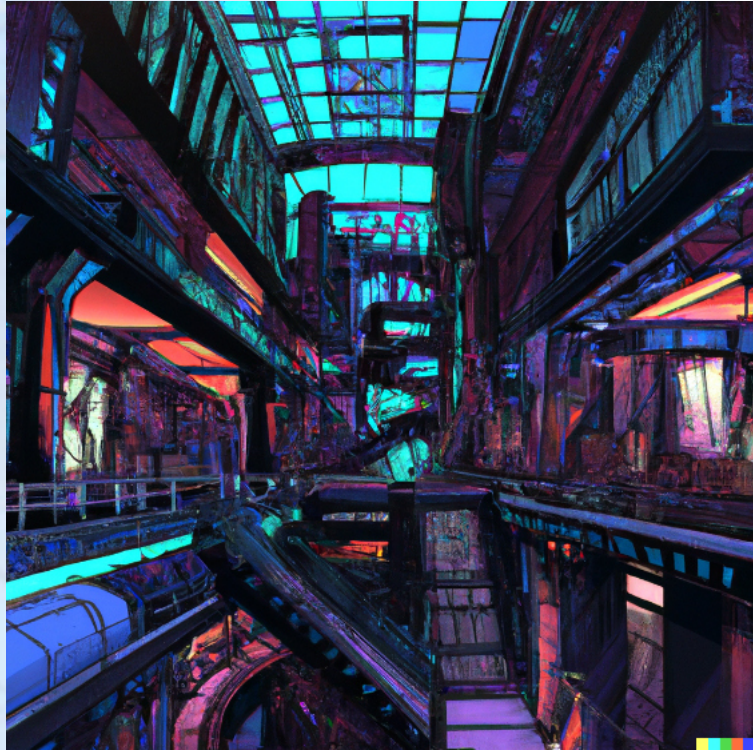
it's gonna be

okay

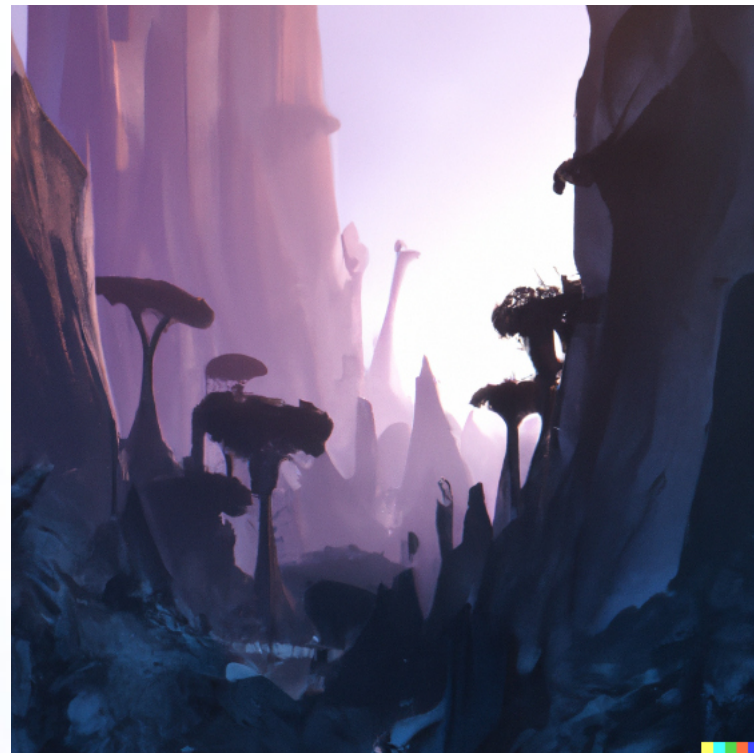




# AI Art Experiments



Cyberpunk concept art of a subterranean city, inspired by 80s mall



An eerie annihilated canyon, full of giant jagged bones and overgrown with coral, vaporwave inspired



Morning in a friendly eco village, coral reef growing on buildings, market, spring, concept art, matte painting, Nausicaa

In the early days of DALL-E 2 and Midjourney, before the major issues with training data sourcing was more broadly discussed and understood, I did some experiments with these tools to see if they could help me with some of the visual development I was struggling with for Good Bones.

I won't be continuing with these experiments until tools are released that have completely above-board ethical sourcing for their training data. (Public domain only or artists are properly compensated for their data.)

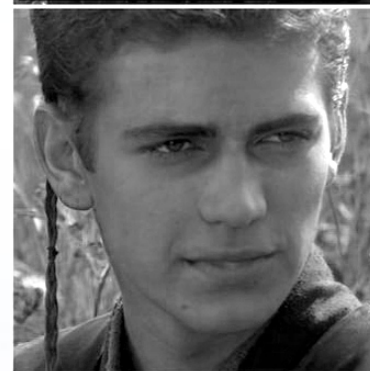
I believe there is a space for these tools in an above-board artist workflow, but as a community I'm glad we're pushing to have the people producing these tools slow down and do it right.

# Solarpunk Memes



When i got stuck on Good Bones writing, I took a step back and made some [Solarpunk Memes](#). This was - in all sincerity - extremely helpful.

I will be posting more about this early in the new year :)



# Risograph Printing



I was able to fulfill a major creative dream of mine and I got some artwork Risograph printed!

This is a very niche printing process that art nerds (including me) love for esoteric reasons.

I went into great deal explaining its history and my experiences preparing things for [Riso printing here!](#)



# Moot Method Pencils

Lab Tech patrons were also the first to see early drafts of my next "hey let's try not to die" zine, which is about habits and meal prepping (vaguely).

We'll see more of this in 2023!

## Who is it for?

originally, "moot method" was developed to deal with mental illness, but there are a lot of reasons people might have limited capacity.



whatever your reason, if you find it helpful, it's for you! ♥

## THURSDAY

options:

- squash
- yams
- bake root veg

boil or saute:

- broccoli
- bok choy
- spinach
- mushrooms

chop: onions, carrots, celery

Wash & store: salads, raw snacks

## Veg day

PREP or COOK some vegetables!

- Let's make it even easier to cook a meal!
- Preparing from frozen totally counts
- Fruit totally counts, too!

level 2: - catch up -

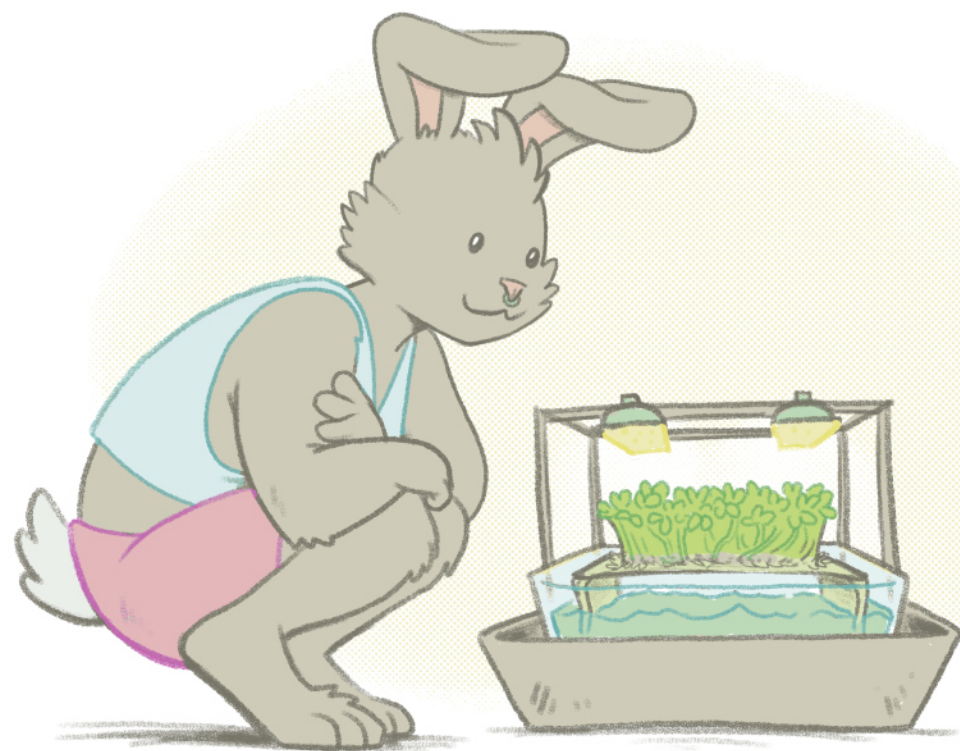
level 3: - catch up -

sa ba jar

apples, cherries, grapes

washed & in a nice bowl in the fridge easy to eat!

# Solarpunk Stuff



My experiments with hydroponics



My carbon free commute

Taking the feedback from the IPCC Report to heart, I decided to write more posts about Solarpunk-style solutions, especially with regards to how I was implementing them in my everyday life.

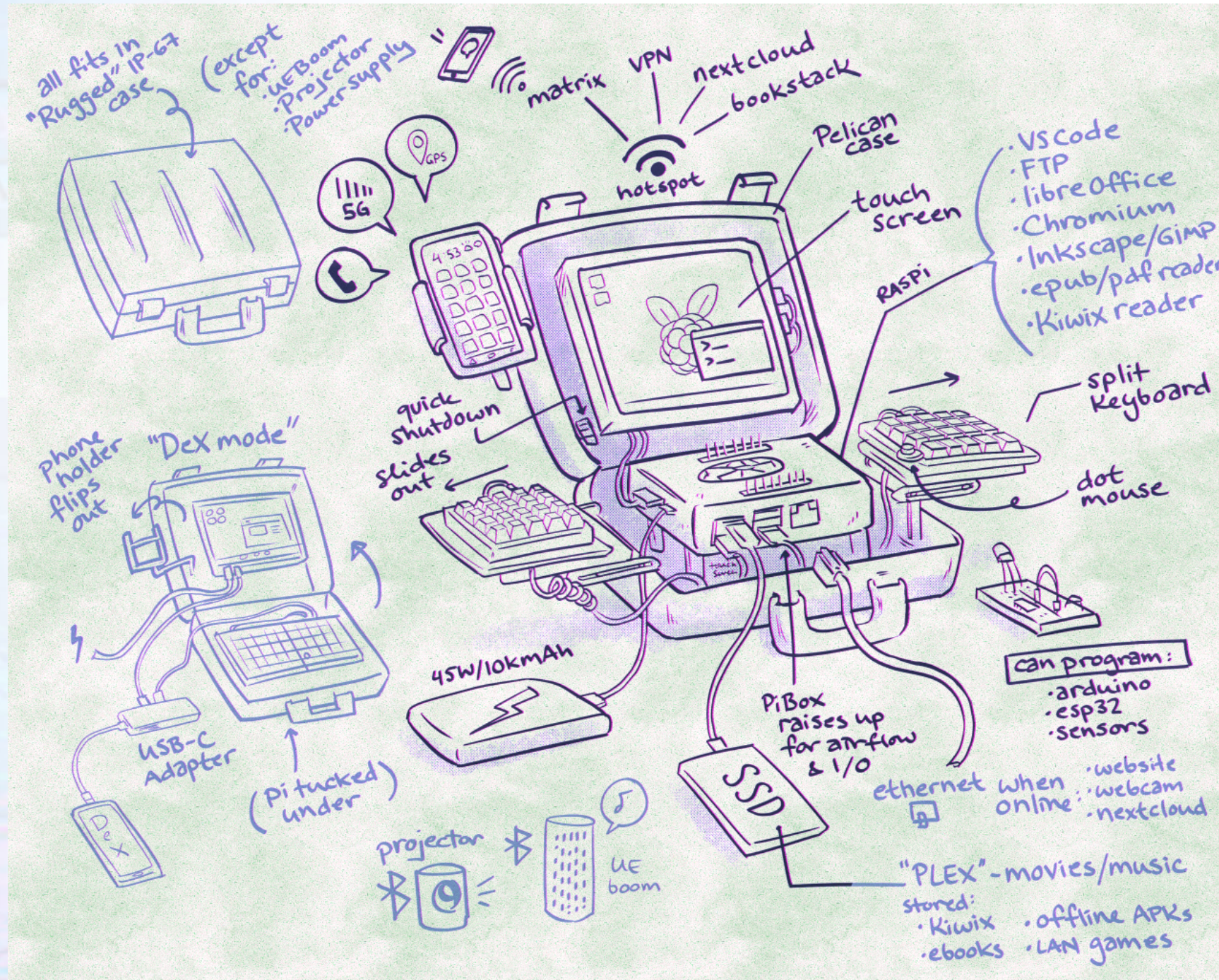
I also created some fun illustrations for them.



My "zero waste" journey!

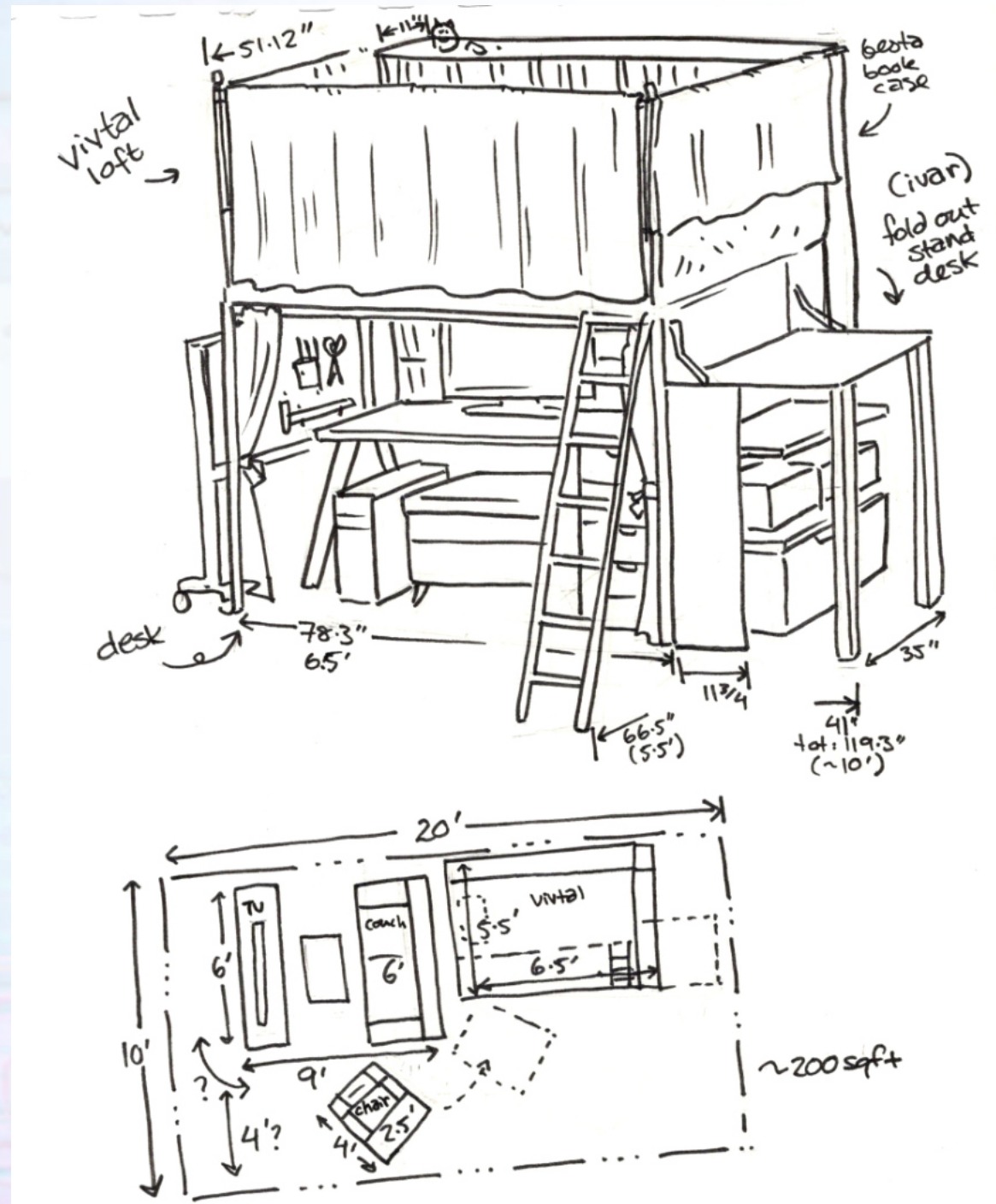


# Geekin' Out



I also started writing posts about various things I was geeking out about, this one in particular was about [Cyberdecks](#).

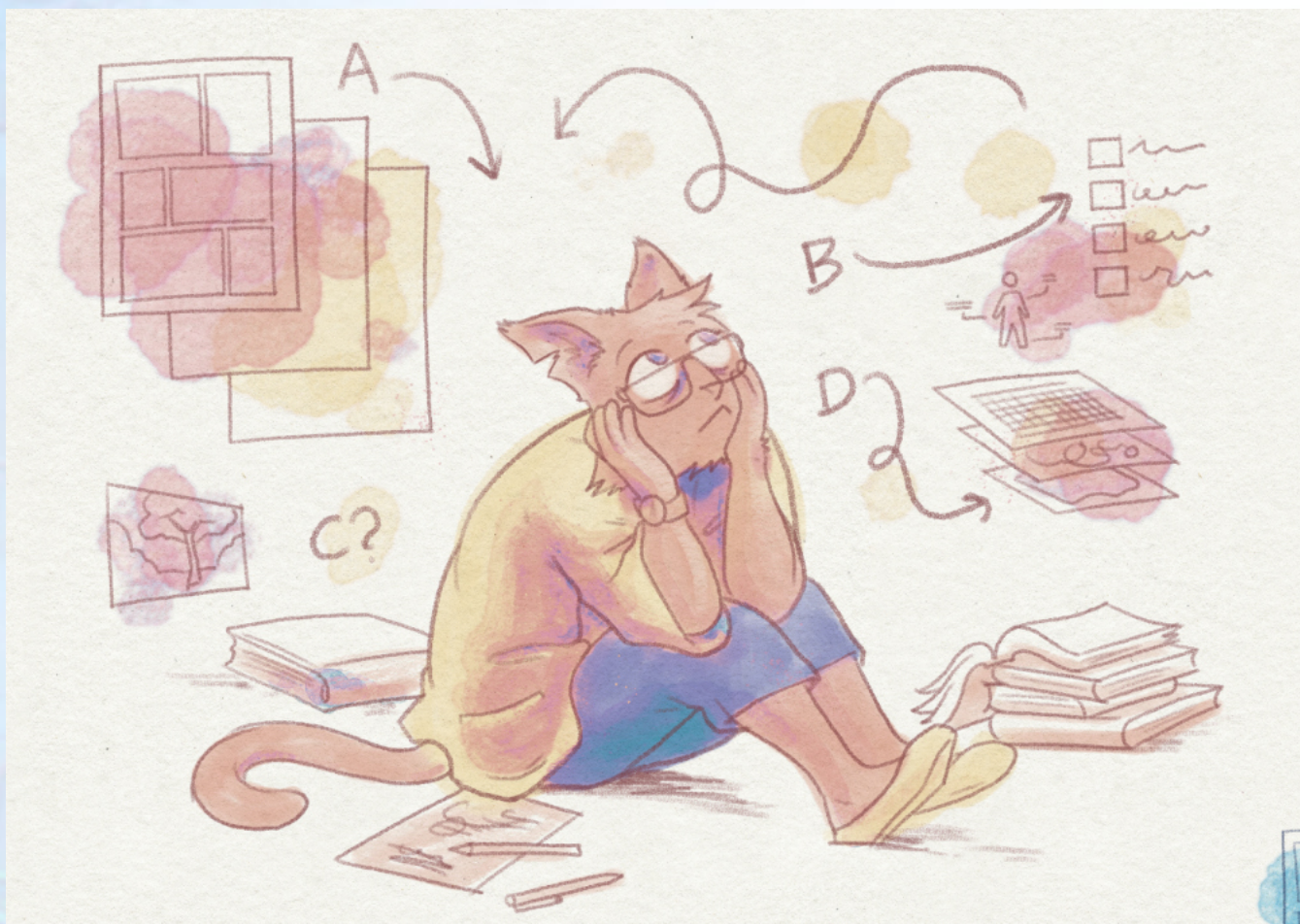
# Desk Quest



I'm in the process of completely reorganizing my studio space and I wrote quite a bit about the dreams and realities of this process.



# Tracking Projects



C	D	E	F	G	H	I	J
Finish Content In This Order >> HEADER			Kofi\$1	Patreon \$2	Patreon \$5	Patreon \$10	
THIS MONTH		Marta + headphones + bones	Career Zine - Colours	Career Zine Inks	Thumbs rev B	vlog (prepping stuff for print)	
					Patreon Planner		
READY/WIP					More 3D Print Dev		
						Printer Repair	
						Low Content Sketch Vocab books	
NEXT/TO DO					Fae + planties	Learning Vtuber Rigging	
					underground + hydroponics + gameboy + masks	Productivity - getting into the flow	
					Another Panel Redraw of X1999	Designing an apparatus to film drawing	
					Study - Clouds	Machine Learning Design Brief	
					DITYS	Getting Organized Draft Notes	
						Meeting Post it Notes	
						Let's Get Saucy (Meat Sauces & spice mixes)	
						Climate Apology Design BriefPoetry	
						Learning 3D modeling in tinkercad to plan new builds	
					Types of posts possible		
SZ Fast 3D printing, Good Bones, IPCC Report			Finished pages	WIP pages	About making art/technique	Design briefs	
Food zine, career zine, Self Care SOS			Mini comics	Deliberate practice - Environmen	About writing	Drafts/Beta reads	
			Illustrations	Book/Game/Show reviews (with	About productivity	Prototypes - what's getting sent	
				Panel redraw	About business and marketing	Tests and experiment updates	

I also shared more about [how I track and manage different projects](#) using spreadsheets, One Note and folder structures (among other things)



I made a variant of this header image to whine about [social media](#) haha

# Colour and Value

I wrote in depth about the things I've learned so far about colour and also about my learning process in general.

Towa's Contribution:

7  
c7nb7yhyhyhyhyhyhyhyhyhyhyh  
yhyhyhyhyh

B  
vbbbbbbbbbbbbbbbbbbbbbbbbbbbb  
bbbbbbbbbbbbbbbbbbbbbbbbbbbb  
bbbbbbbbbbbbbbbbbbbbbbbbbbbb  
bbbbbbbbbbbbbbbbbbbbbbbbbbbb  
,,,,,b]]



1. Select value range  
2. Select warm or cool dominant  
3. Select color harmony relationship  
4. Pick combination from value range and add to "select" layer on top, filling out the value range  
5. Tweak using HSL and Approximate - Highest saturation in the middle, lower saturation towards ends. Varying value gaps varies mood  
6. Add to colour set

value range

warm grey

cool grey

high contrast

low contrast

high key

middle key

low key

1. Select value range  
2. Select warm or cool dominant  
3. Select color harmony relationship  
4. Pick combination from value range and add to "select" layer on top, filling out the value range  
5. Tweak using HSL and Approximate - Highest saturation in the middle, lower saturation towards ends. Varying value gaps varies mood  
6. Add to colour set

value range

Map

Original values

New Values

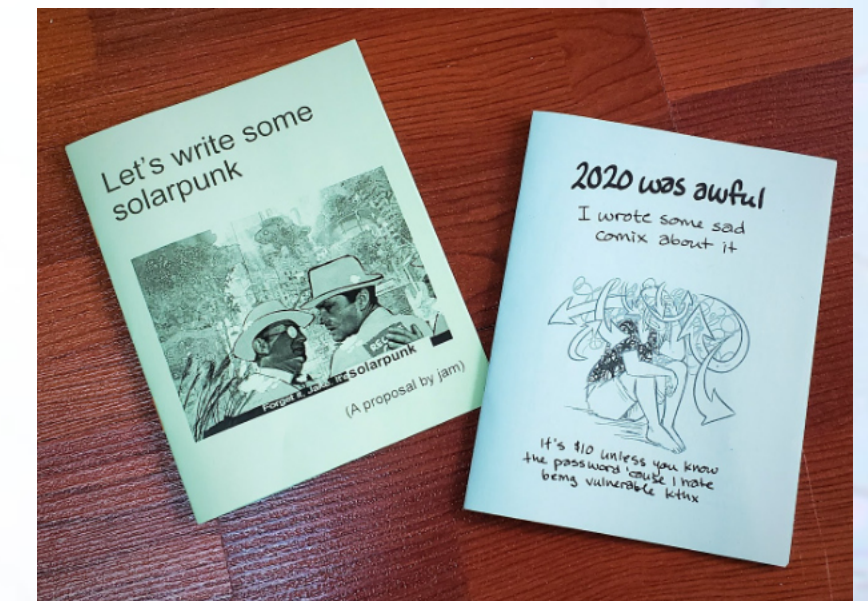
Revised Map

New Value Output

Deepened Low End

New Value Output

# Collaborators



The Collaborators receive gifts in the mail every quarter! This year they got two books (Shenzhen Fast and the Food Zine) before they were available to anyone else. They also got copies of the limited Career Zine riso print, some extra zines that were exclusive to VanCAF, stickers, a card, and some stuff that is so secret I can't show it off yet!!

Collaborators also get access to private Vlogs. This year I shared a video with a lot more footage from my BC Road Trip, a bit more about Desk Quest, and sourcing stickers among other snippets from my life.

Thanks for being a Patron!

