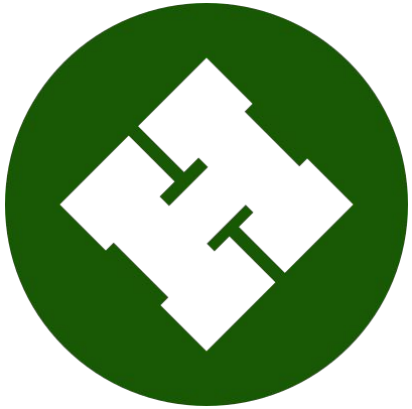
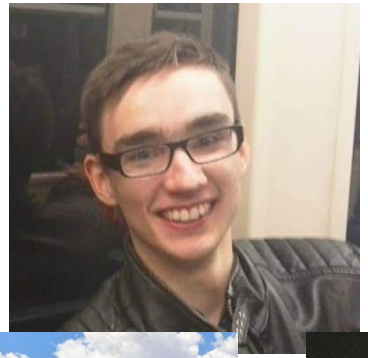
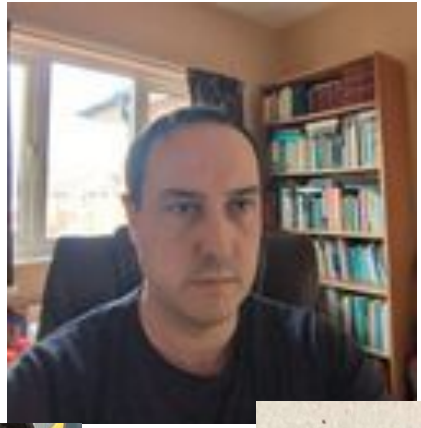


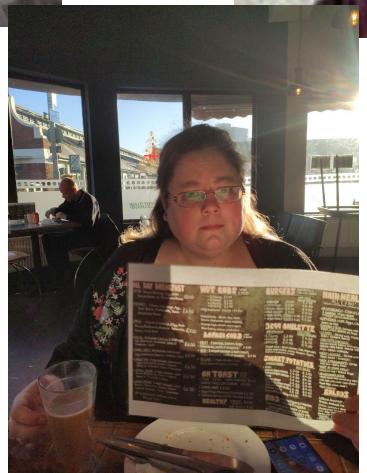
Nottingham Hackspace

AGM 2025

Introductions





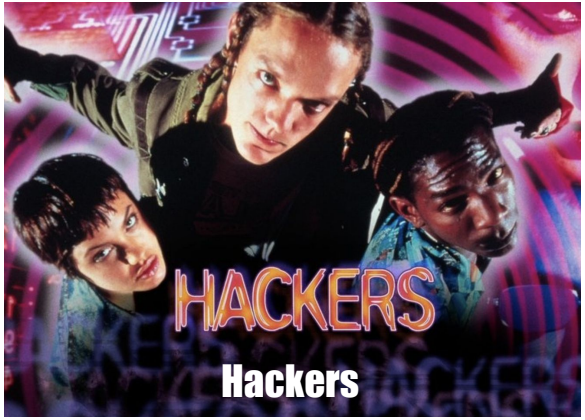


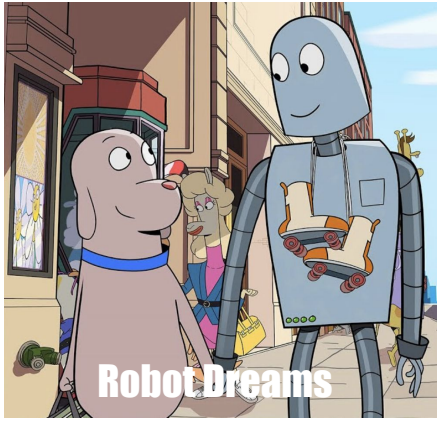
Events and Happenings

Events over the past year

Monthly Radio Meetups
Lots of Avenues breakfasts
Art and craft workshops
Coffee and CAD
LGBTQ+ Social
Blood on the Clocktower

Film Nights



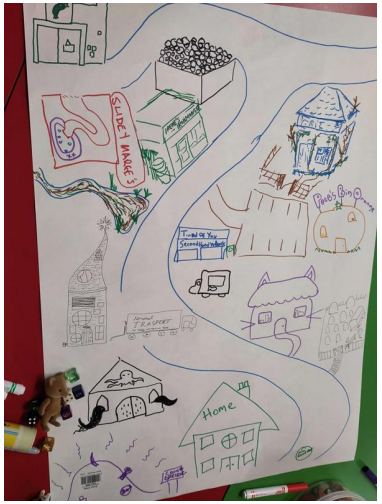


We'll have to do another one soon!

One Shot Wonders usually do a film at Christmas

One Shot Wonders (and Long Shots)

Date	Game	Run by
Thursday 20th November	Dungeons and Dragons	Sylvan
Wednesday 22rd October	Dog Squad Sausage Heist	Dee
Thursday 25st September	Dungeons and Dragons	Sylvan
Thursday 21st August	Blood on the Clocktower	Gareth
Thursday 17th July	Lexicons and Larceny	Dee
Thursday 19th June 2025	Call of Cthulhu	Duncan
Thursday 22nd May 2025	DCC- Tower of the Black Pearl	Steve
Thursday 17th April 2025	DCC- The Croaking Fane	Steve
Thursday 20th March 2025	Judge Dredd (Not a continuation of the February adventure)	Duncan
Thursday 20th February 2025	Judge Dredd	Duncan
Thursday 23rd January 2025	XCrawl - Drakes on a Plane	Steve Barnett



Wargaming

Most Wednesdays, shout out in the #miniture-gaming channel.

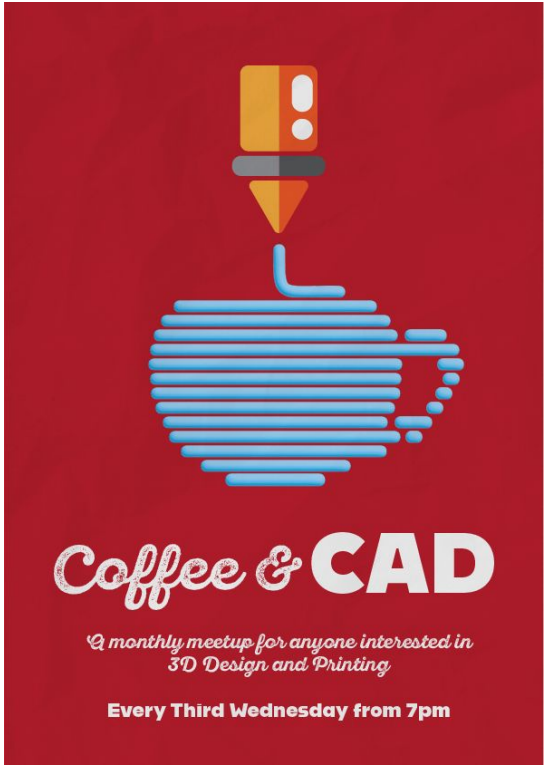
Coffee and CAD

Coffee and CAD has been taking place on the 3rd Wednesday of every month for all things CAD and 3d printing related.

Some sessions have had a particular theme and some have been a general sharing of inspiration, ideas and assistance.

It has been very popular, attracting members with various levels of experience including some complete beginners getting their first taste of 3d printing.

Thanks to Andrew for providing organisation and enthusiasm.

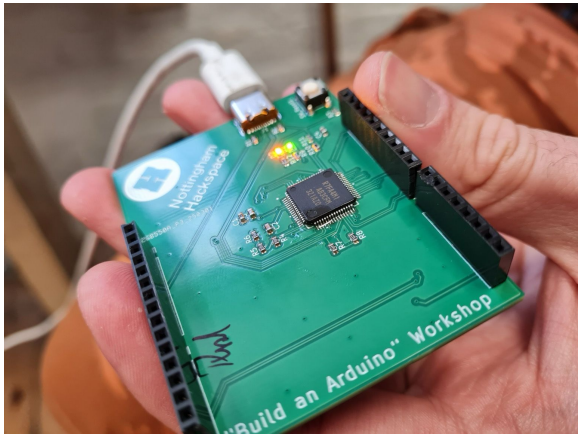


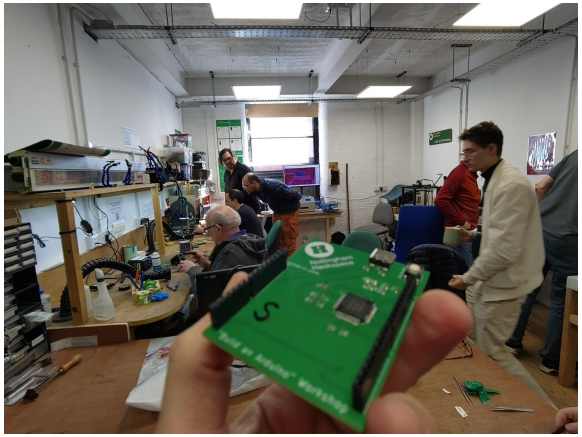
Lino Printing, Zine Making and Cyanotype

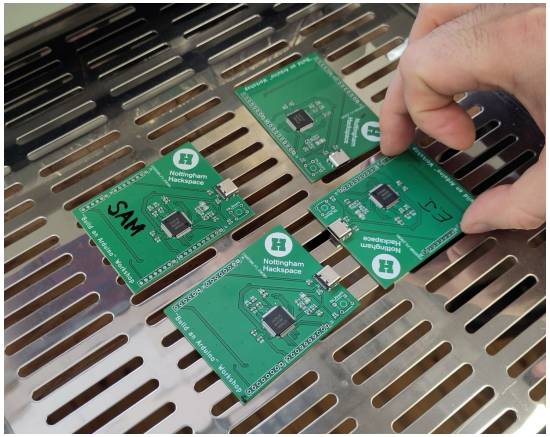
Dee has been running workshops! So far, we've had zine making, lino printing, cyanotype, and yet more lino printing (it has been very popular!). In the new year Dee is planning to run monthly art workshops and taster sessions with a whole variety of new materials and media.

Build an Arduino Workshops

It’s been pretty popular! Nice to get people more familiar with some of the new tools in the Electronics Area (which we’ll talk about more later).







Hackers 30th Anniversary at the Savoy

A group of hackspace members from Nottingham and Sheffield all went to see Hackers at the Savoy, for the 30th anniversary airing. Aaron wore his Dade jacket, which is super cool! It was a nice night, and a good way to foster friendships between spaces.

Hack the Space Days

Hacking the Space This Year

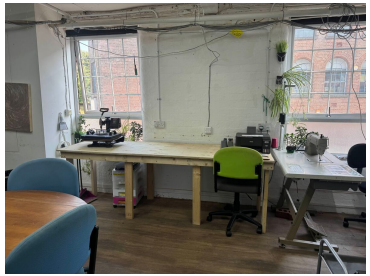
What have we done?

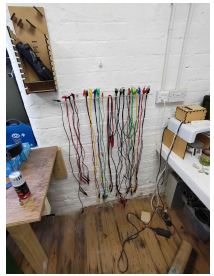
- Lots of fantastic cleaning and organising in the craft room, including an audit and reorganisation of *all* of the boxes.
- More displays! Aaron continues his quest to put a display in every room in the space. The newest is a flipdot display in the comfy area.
- The benches in electronics now have a lovely new mat
- We have a lovely new bench in the craft room (SWL at least one AJ)
- We have an ice machine for use in summer
- A new mailbox

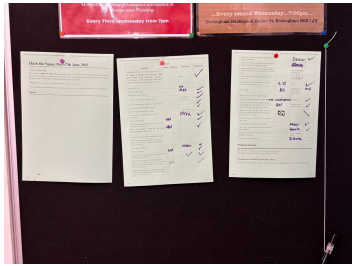
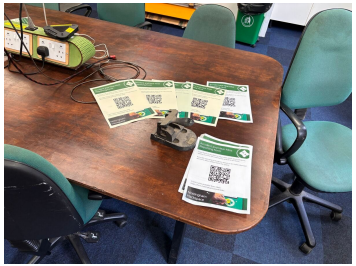
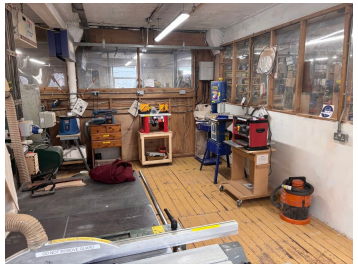
We tried making them monthly for a bit - that was too often, ended up reverting to every other month after a members meeting.

Thanks everyone who’s come and lent a hand during hack the space days this year.

Hacking the Space This Year





Hacking the Space, this Saturday?!

- Come for breakfast
  - We will go to Lidl and cook up a veggie/vegan breakfast buffet.
  - Help with this is very appreciated!
- Help out - do what you can to help improve **your** space!
- Stuff to move - The bandsaw
- Stuff to clean - Everywhere! But if we can't clean absolutely everything, taking care of the most used areas is a good place to start.
- Are you a plumber? We have a leak in the Blue Room

Please do not come to "use the space" during Hack the Space Days. It's very challenging to work around people.

Tools

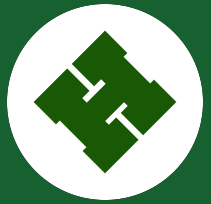
New woodworking tools

New thicknesser

Some tools have been refreshed

Andrew has also done a great job designing and printing magnetic extraction adapters, making it easier to ensure machines have extraction. Make sure you use them!

Ian's woodworking support



Ian has run this twice so far - several sessions each time though.

Really popular, and people have given excellent feedback.

Thank you Ian!

Craft Room Tools

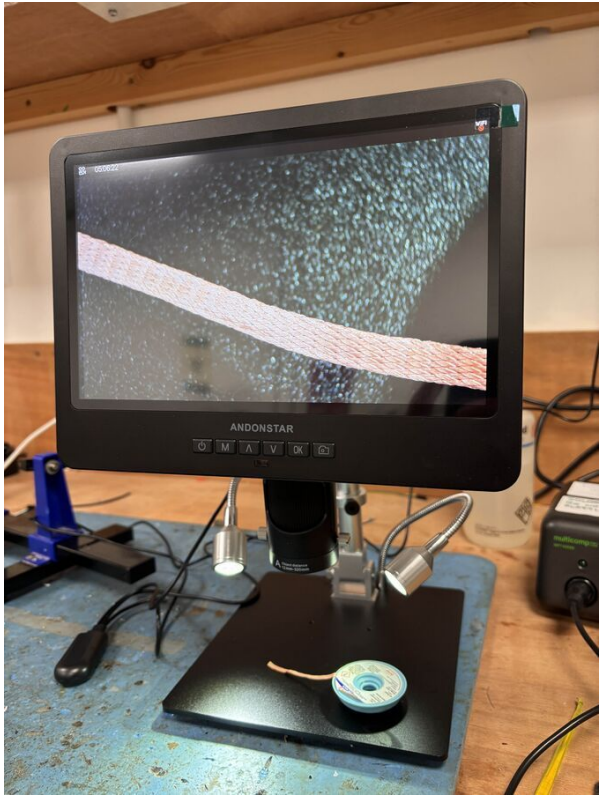
We said goodbye to our old industrial sewing machine, and one of our older sewing machines. We now have a new (to us) industrial machine, and a slightly more advanced sewing machine to replace the old one. Thanks for organising that, Betty, and to everyone who pledged!

Electronics Area Improvements

Large pledge drive organised earlier in the year.

- Digital Microscope
- Soldering extraction
- Reflow oven

Thanks everyone who pledged, and to those who helped build the bench for the reflow oven.



Electronics Area Improvements

After an incident which ruined the benches last year, we finally decided to do something about it. New bench mat!

Electronics Area Improvements

We also ran a pledge drive for a Pixel Pump (as a kit).

This is used to pick up small components. Slightly easier than tweezers for some things.

Thanks to Andrew for printing the case, and everyone who contributed.

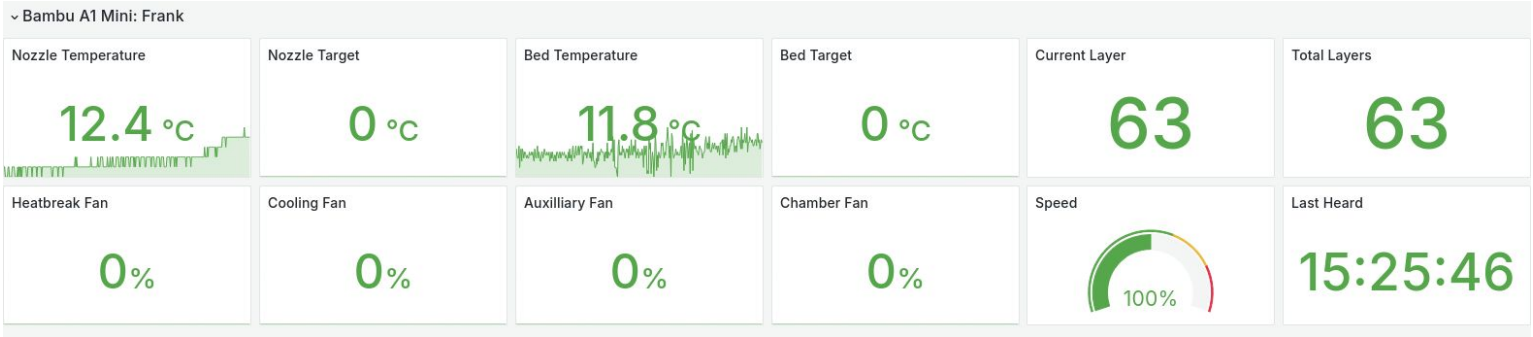
3D Printing

We said goodbye to the Ender 3s, and hello to some new printers.

- Bambu A1 Mini - Stan (Purchased by the space)
- Bambu A1 Mini - Frank (Donated by Jason, thank you!)
- Bambu P1S (Obtained through a pledge drive)

The printers now talk to discord, and the area sees a lot more use. Hooray!

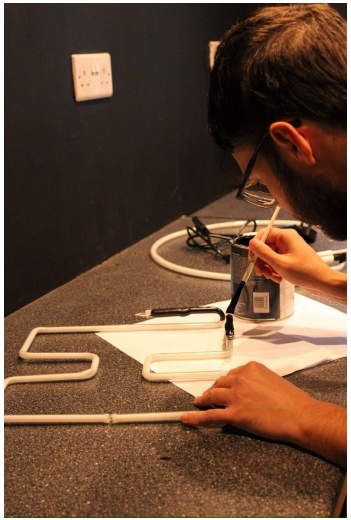
We still have the Ender 5, and it's been Klipperised! They're all on Grafana now.



Neon Sign

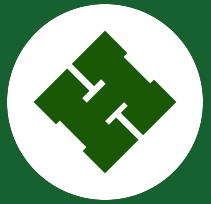
Ok it’s not quite a tool, but it was a pledge drive.

Made by South Wales Neon at a discounted rate (because they liked the sound of us). Really nice people, and they did a great job. Check it out in person if you haven’t already!



Creative Things

Some cool projects



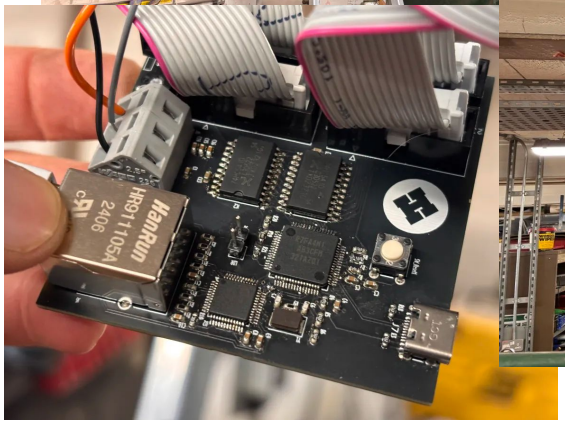
We have a “show and tell” forum on Discord. There’s been some really cool projects, and we’d like to highlight a few of them.

Projects: Flat pack Christmas Trees

By Chris Kingsnorth

Made these laser cut Christmas trees from green glitter and gold acrylic; they pack down almost flat and are gifts to my family who are travelling with small suitcases (and no other decorations) this Christmas 🙂 🎄

Projects: Departure Board (v2…)



By Aaron Jackson

I wanted to do a v2 of the departure board circuit, mainly so I could drive both sides of the display which needed some buffers added between the mcu and the pair of shift registers.

Projects: Socks to Pockets

By Sam Roberts

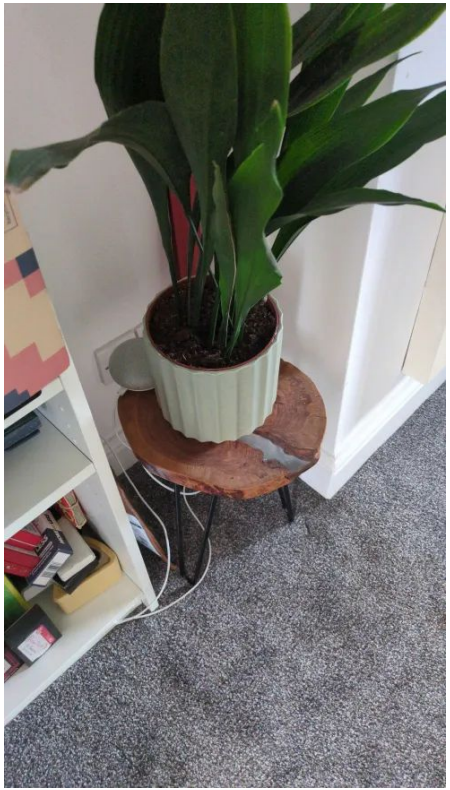
I had some trousers with holed pockets and some worn out socks so I combined the two while trying to remember how to use a needle and thread

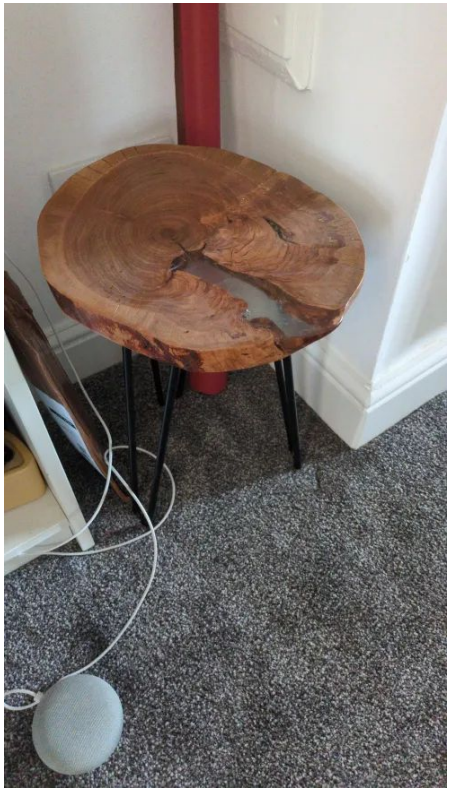
Projects: Electric Guitar

By MartyMcflyUK

It's pretty much finished now except for a full setup, and I also broke a string. Can't quite believe I made it.

Projects: Resin Slice Plant Stands

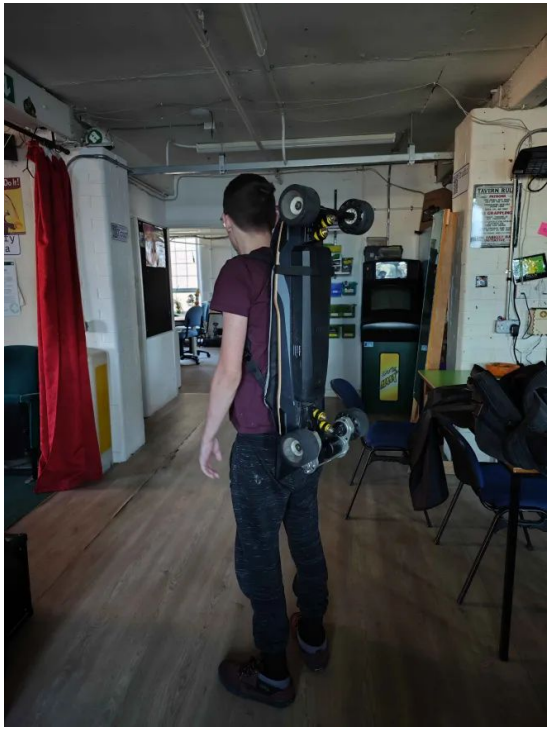




By PeteS

Looking to say thanks to Hussain who was using the lathe today, for helping me out with some finer sandpaper! You can see the osmo coated product in there last picture and it's brother in the first two!

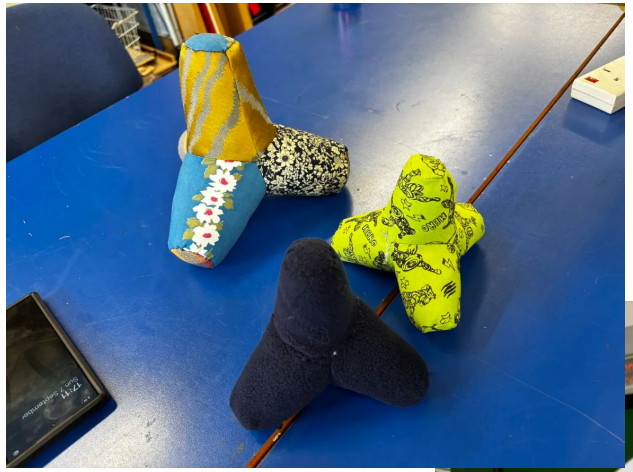
Projects: Skateboard Backpack



By Corwin

Used a sewing machine for the first time! Made a custom-fitted carrying harness for my electric skateboard by stealing the shoulder strap assembly from a normal backpack. Will soon be improving it by attaching a bit of storage by using the front pockets of said backpack and a zipper!

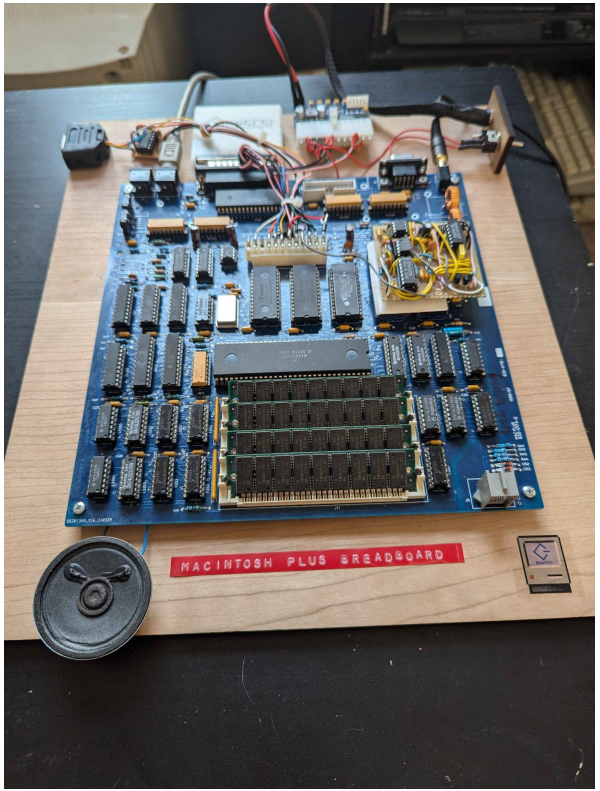
Projects: Tetrapod Plushies

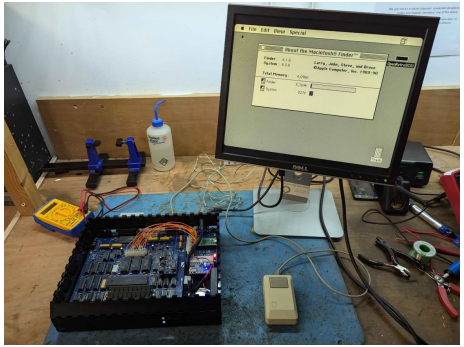


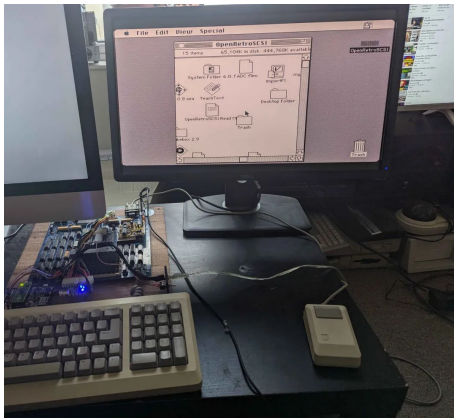
By Shane and Aaron

The internet (at least the nerdy part of it) has become obsessed with Tetrapods. The four legged coastal defence for slowing down waves. Turns out they make quite nice plushies.

Projects: Macintosh Plus Clone







By DosFox

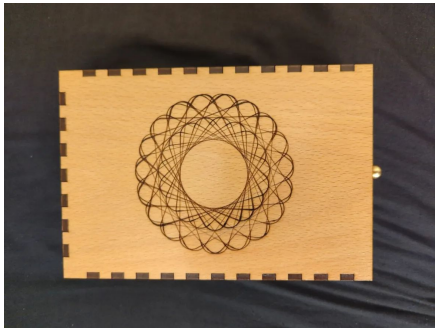
I've completed a clone of the Macintosh Plus! It's 1:1 functionally identical to a Plus, except it didn't come from apple.

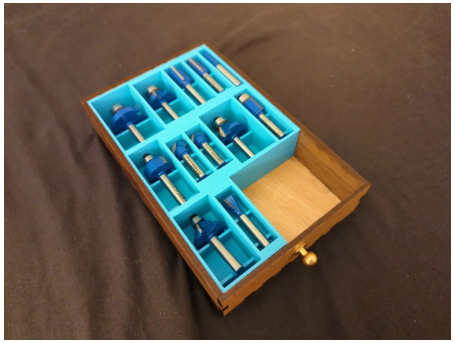
Projects: Oak to Urn

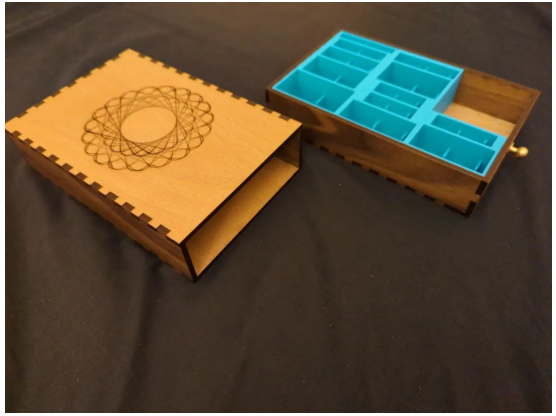
By SubCut

I turned this 16x11” urn from an offcut of a worktop that I was gifted. This was a real learning experience but I’m v pleased with how it ultimately turned out :D

Projects: Router Bit Box







By Edgar

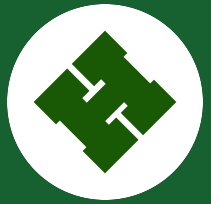
Made using various hackspace tools. The box is laser cut and engraved. The inserts are 3d printed on the hackspace Bambu Lab A1 Mini. This was my first 3d printing project but thanks to the excellent instructions on the hackspace wiki using the Bambu printer was pretty straightforward.

Projects: Kat's Coffee Table

By Greg

There is illumination for the name to go in yet, but the table with minifig 'builders' is all done

All very cool



It’s really cool to see people making cool stuff in the space.

Keep it up!

If you do make anything in the Space, then do share it on Discord!

Teams

Membership Team

The membership team has grown, but needs to keep growing! We run tours every Wednesday, and we need plenty of people able to help run the tours so that nobody ends up feeling overworked.

Could you volunteer a Wednesday evening once a month? Join us!

Communications Team

Gareth has done a great job encouraging blog posts over the past year. It's been really nice to see a bit more activity on the website.

Some of the most recent posts:

- From Fire to Glow: Making a Neon Sign for Nottinghack
- You meet in a Hackspace…
- The Hackspace's Many Moons
- Where did that five months go?
- The secret life of trustees: Someone has to keep the lasers legal!

We're always eager for more people to write blog posts about anything.

Woodworking Team

A huge amount of effort spent over the past year maintaining woodworking tools.

Things do break, and this is fine, but can reduce the chance of breakages by:

- Watching tutorial videos if you are unsure about using a tool
- Reporting faults, so that you can explain what went wrong
- Keeping the area clean and tidy, to reduce the chance of accidents

Nathan has done an amazing job of keeping up with repairs, but no one can sustain that amount of effort forever as a volunteer.

Laser Team

The laser has been working much better over the past year.

There have been a number of small laser fires. That’s scary!

If this happens, report it to the team. We need to know about dangerous materials and any issues which may have led to the issue.

A temperature sensor has been installed on the nozzle - if there’s a fire, we’ll probably get in touch. Better if you contact us first :D

Team Members - THANK YOU 🫶🏽

3D Printing: Steve Barnett, Sam Roberts, Harry Sutcliffe, Andrew Hutson, Alistair Wells, Arona Jones
Bike: Mike Haber, Lee Hutchinson, James Scholes
CNC: Matt Lloyd, Steve Barnett, Sam Roberts, Douglas Creek
Comms: Gareth Howell, Jon Woodcock, Aaron Jackson, Nick Locke
Craft: Betty Ching, Greg Bowring, Colette Milbourn, Mark Hollowell
Electronics: Steve Barnett, Graham Sutherland, Jason Alexander, Duncan Fyfe, Aaron Jackson, Jake Wisher
Finance: Matt Lloyd
Infrastructure: Matt Lloyd, Russell Houghton, Howard Smith, Arona Jones
Laser: Emily Roe, Edgar Jasper, Karen Wilson, Ax Smith-Laffin
Membership: Edgar Jasper, Howard Smith, Sam Roberts, Isatou Sheriff, Andrew Hutson, Deanna Midnight, Nick Locke
Metalworking: Matt Lloyd, Steve Barnet, James Spence, Douglas Creek, Phillip Spowart, Martin Long, Stuart Palmer
Network: Matt Lloyd, Daniel Swann, Steve Barnett, Aaron Jackson
Safety: Sam Roberts
Software: Matt Lloyd, Daniel Swann, Steve Barnett, Aaron Jackson
Snackspace: Betty Ching, Shane Preece, Deanna Midnight, Daphne Harris
Woodworking: Edgar Jasper, Bob Wood, Ian Turner, Nathan Stock

🥰 Lots of people help in different ways - not everyone that helps is in a team. Thank you to everyone who has helped improve the space, on or off a team!

Induction Payments

This is mainly information for those that give inductions.

To allow induction income to correctly and automatically be reconciled, please use the following payment references when sending the “spaces half” of induction money.

EM INDUCTION
LASER INDUCTION
PLANER INDUCTION
TABLESAW INDUCTION
LATHE INDUCTION
MILL INDUCTION
TIG INDUCTION

If they’re too long, just use the first 13 characters - it’s fine as long as the start is the correct :)

Thank you all inductors!

Downstairs

Let there be light!

AJ has been working hard on the downstairs metalworking area. We have lights now! Approximately 10 liters of Lucozade and an unspeakable amount of flapjack consumed in the process.

Type	Description
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].
Vend	[Can drink] vended from location [B9].

Treasurer’s Update

Financial Report 2023-2024

- For the Year Ended 30 September 2024

	2025	2024
Turnover		
Income	£85,031	£76,223
Expenditure	£78,121	£72,036
Surplus for the year	£4,637	£1,179

	2025	2024
Fixed Assets		
Tangible assets	£1,745	£1,948
Current Assets		
Stock	£298	£74
Debtors	£6,850	£6,850
Cash at bank	£32,748	£28,112

	2025	2024
Tangible fixed assets		
Cost		
At 1 October 2024	£21,675	£21,675
Additions	£1,031	£0
Depreciation		
At 1 October 2024	£19,727	£18,753
Charge for year	£1,234	£974
Net at 30 September 2025	£1,745	£1,948

	2025	2024
Income		
Membership Payments	£36,330	£32,210
Workshop & Events	£997	£1,163
Snackspace	£3,860	£4,187
Tool usage	£2,296	£1,858
Tool inductions	£1,180	£1,420
Donations	£1,000	£671
Membership Payments	£37,361	£33,542
Member Box & RFID cards	£346	£225

Expenditure	2025	2024
Rent	£49,561	£47,655
Insurance	£498	£482
Electricity	£9,839	£9,407
Other utilities	£755	£691
Business Rates	£3,256	£1,780
Infrastructure	£498	£154
Hackspace 2.5	£915	£572

	2025	2024
Teams	£8,943	£7,620
Craft	£153	£38
Electronics	£1,052	£25
Events	£0	£199
Membership	£368	£163
Metalworking	£33	£652
Network & Servers	£855	£1,153
Resources	£547	£827
Safety	£683	£255
Snackspace	£2,027	£1,715
Software	£38	£0
Tools	£382	£1,041
Trustees Misc	£1,610	£1,454
Woodworking	£1,190	£91

Membership Update

Numbers

Our bank being silly! 😤
680
660
640
620
600
580
2024-12
2025-01
2025-02
2025-03
2025-04
2025-05
2025-06
2025-07
2025-08
2025-09
2025-10
2025-11
Current Member

Scores on the doors

- 680 members
- 320 are paying £5 - It would be great if we could get many of these people to £6.
- We do not want to increase the £5 - hopefully ever - but we do need people to pay more. We're the largest makerspace in the UK, and many charge far more than £5.
- Current average membership payment is is £9.53
- Ideally the average would be closer to £15

Voting

Special Resolution

Special Resolution, an upper limit on meeting quorum

Proposed by Tim Partridge

This special resolution aims to limit the number of voting members needed to form a quorum to fifty people. The current text requires the Trustees to encourage a high enough proportion of members to engage in the voting process, which has required effort in the past. The number needed can fluctuate right up to the last minute, which causes uncertainty.

A quorum acts as a safeguard against a tiny minority holding a meeting at an obscure place, and passing resolutions that favour them. The proposer feels that fifty members should be ample.

Change 11th November. Rephrased to be less clumsy. Second sentence no longer added, as am informed this is covered by articles of association.

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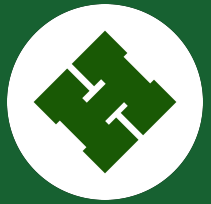
- ===5.4 An AGM or EGM will be quorate if more than 20% of voting members attend===

+ ===5.4 An AGM or EGM will be quorate if fifty (50) voting members or 20% of them attend,
whichever is lesser.===
```

Let's discuss and then we'll vote with hands (and fingers for proxies).
Yes, No or Abstain

Space Closure Tomorrow



Network team will be sorting stuff out.

- Upgrading Jarvis (woo!)
- Software update on all the other servers
- Adding disks and RAM

Don’t come! We won’t let you in! :D

- Basically nothing will work.
- No members meeting, no tour
- We’ll send an email once it’s all done.

Lastly!

- Join us in the space on the 23rd of December for Festivus.
  - Bring some food to share if you can. It's always a good time.
- Be mindful of using dangerous tools over the Christmas period.
  - (and any quiet period for that matter)
  - Take a look at the lone working policy https://wiki.nottinghack.org.uk/wiki/Lone_Working
- Have a relaxing and pleasant Christmas. See you in the new year if not before!

Thank you

and

Go drink!