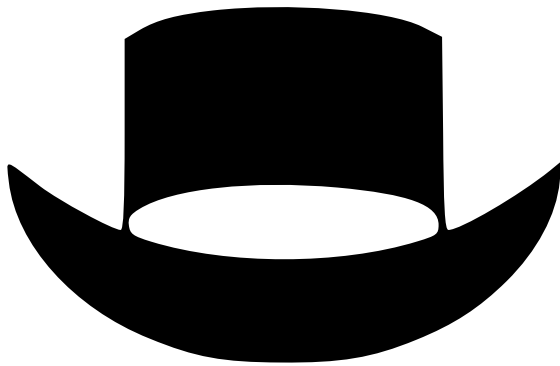# Sheffield Hackspace

But what is a Hackspace ?

A Hacker the Media Myth
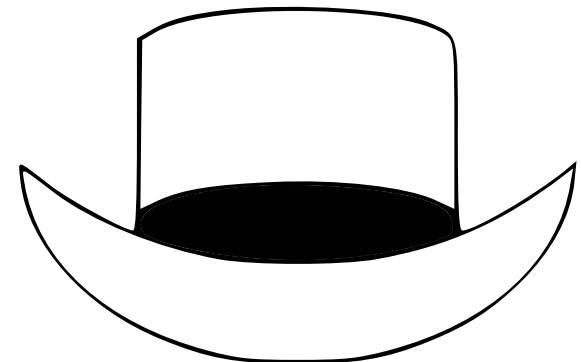
Black Hat Hacker

Bad
Doing
Good

Versus

Good
Doing
Bad

White Hat Hacker

Profile of a Hacker

- Self Starter.

- Subject enthusiast.

- Personal learning journey.

- Practices the subject.

- Usually becomes proficient in the chosen subject.

- Promotes the subject.

- Loves to share the results of the journey.

- Is interested in sharing the results of others journeys.

So what has a Hackspace got to do with this ?

Profile of a Hackspace

- A communal workspace for hackers.
- Sustainable through subscription.
- Not for profit.
- Run by members for members.
- Do-ocracy.
- Shared tooling and making opportunities.
- Pooled acquisition of materials, tooling and more space.
- Skills exchange.
- Show & Tell.
- Social opportunities.

How was the Journey ?

Workstation Years

FoTM 2012

Access Space Years

http://access-space.org/

Birth of a Hackspace

Unit 2D2, Portland Works

Then

Now

Treasure

http://www.portlandworks.co.uk/

Group Projects

- Space Automation (SHHNoT)
- Hacking the Space
- High Altitude Ballooning
- Environmental Monitoring
- Outernet Link
- Full Mesh WIFI Networking (Freifunk)
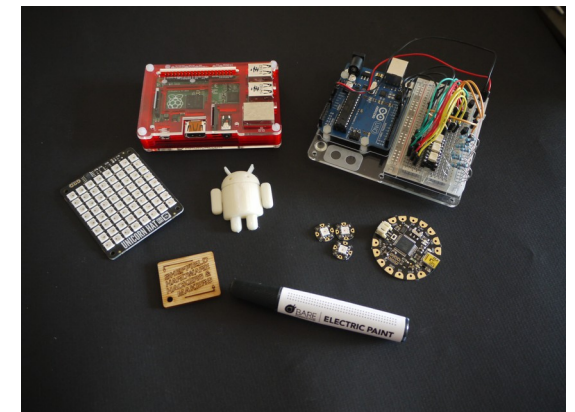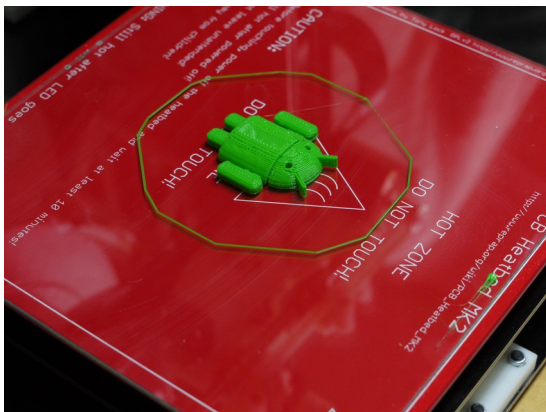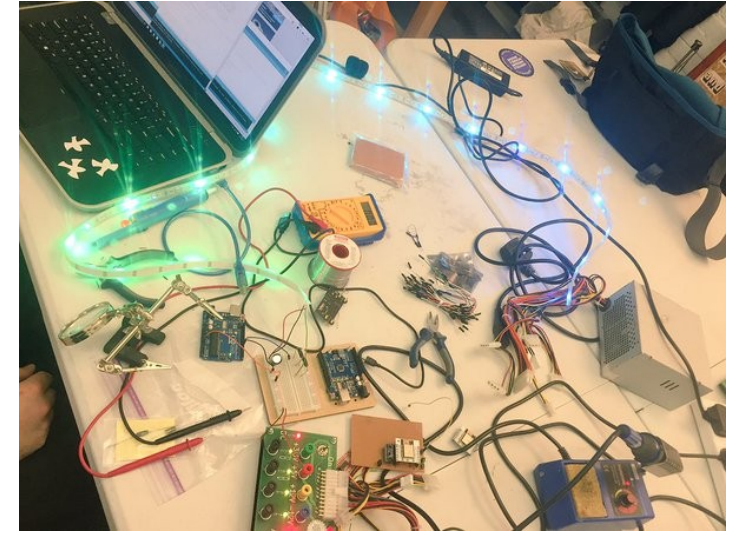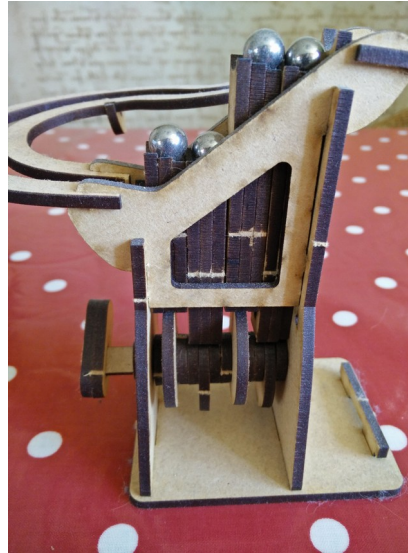- CNC tool builds (Laser, Router, Refurbs)

Individual Projects

- Cabinet Making
- NoT Coding
- RfID Door Entry System
- Home Automation
- Repair, Reuse, Recycling
- Textiles
- PCB Making
- Food Tech
- Metal Working
- Wood Working

- High Voltage (Tesla Coil etc)
- Radio Telemetry
- Hybrid Projects
- Software Defined Radio
- RF Construction
- Furniture Making
- Electro Etching
- Embedded engineering
- 3D Printing
- Robotics

Show & Tell

Outreach

- Festival of the Mind (UoS)
- Sheffield Mini Maker Fair
- Halifax Mini Maker Fair
- Derby Maker Fair
- Newcastle Maker Fair
- Electro Motive Fields
- Make:Shift:Do (V&A)
- Portland Works Open Days
- Workshops, Presentations, Tutorials
- Kids Coding
- Social Media (Twitter, Facebook etc)
- Hackspace Visits

Thankyou For Listening

SHEFFIELD HARDWARE HACKERS AND MAKERS

We are a non-profit member run Hackspace for Sheffield. Being a do-ocracy, we make what our members want to!

Current interests include electronics (Arduino, RaspberryPi and IoT's), 3D printing & CAD, textiles (clothing, kites and knitting), woodwork & metalwork, crafts, photography, high altitude ballooning ... to name just a few!

So if you've got an idea, then come and make it with us.

@shhmakers

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Q&A