



The Things Network — Liverpool

thethingsnetwork.org/community/liverpool
@ttn_liv

Providing free, public access LoRaWAN connections across Liverpool. Connect sensor, devices and measurements to the internet for free, with great battery life and long range.

Def-Proc Engineering



The Ackers Bell

mcqn.com/bell
[@ackers_bell](https://twitter.com/ackers_bell)

A WiFi connected bell, which rings when an event you care about - a new sale, a test has failed, a mention on Twitter... - happens online. Mention [@ackers_bell](https://twitter.com/ackers_bell) on Twitter to hear it ring. On sale soon, join our mailing list for updates.

MCQN Ltd



Bubblino

bubblino.com
@bubblino

The Twitter-watching bubble-blowing robot.
Mention @bubblino or today's hashtag to get
bubbles!

MCQN Ltd



Museum in a Box

museuminabox.org

3D scanned and 3D printed objects from museums, with some smarts inside. Place an object onto the "brain" box to learn more...

Museum in a Box Ltd



Electric Liverbird



DoES Tower

doesliverpool.com
@DoESTower

A 1m high, 3D printed version of the St John's Tower. Send a message to @DoESTower including a colour to change the LED downlights, and get a reply!

DoES Liverpool



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DynamicDevices.co.uk
@embedded_iot

Alex Lennon



The Wet Sleeve

[kickstarter.com/projects/thewetsleeve/
wetsleeve-wearable-hands-free-hydration](https://kickstarter.com/projects/thewetsleeve/wetsleeve-wearable-hands-free-hydration)

Forget about carrying bottles! Effortlessly hydrate on the go with the world's most innovative hands-free hydration system

Joe McInerney



?

@doctorfraz

Facial scans cast in glass using a lost PLA process

David Frazer



You Belong

davidandrews.xyz
@andatwhatcost

EL Wire sign, using the laser cutter at DoES

David Andrews



ROV

?
@?
?

Andy Goodwin



Pinhole cameras

huffee.com

[@huffeec](https://twitter.com/huffeec)

Laser cut pinhole camera kits.

Chris Huffee



Test-tube babies

zombieking.co.uk/shop
@chris_fairrie

"I make test-tube babies! ...quite literally - they're little foetus-like creatures inside glass testtubes. The testtube display racks are a bespoke item too, designed and made using the laser-cutters at DoES studios."

Chris "ZombieKing" Fairrie



Dolls' house

Georgian inspired Dolls' House, using laser cutting, 3D printing, and other tools in the DoES workshop

Rob Eaton



Einstein, Gagarin

Stencils for street made using
EvilMadScientist.com StippleGen program

Darren Ling



Geometric clock

rockwoodartshop.etsy.com

Geometric clock , designed using Adobe Illustrator, then converted into dxf format for laser cutting. Finished with dark oak interior varnish and sanded, mechanism added

Alle Bacca



Prints

silentbelle.com
@silentbelle1

From a member of the Secret Society of
Super Villain Artists, digital prints involving
Liverpool

Anonymous



Tosca the Polargraph

github.com/DoESLiverpool/wiki/wiki/PolarGraph

A plotter made by members of the DoES community. It uses a polar coordinate system to produce vector drawings using a pen suspended from strings connected to two pulleys at the top of the plotting surface.

DoESLiverpool



Norbert the Knitic

An open hardware circular knitting machine, made by members of the DoES community, using 3D printing, laser cutting and traditional woodwork techniques. Based on the work of artists Varvara Guljajeva & Mar Canet (<http://www.varvarag.info/>)



Submarine Nixie Clock

@paulgeering

Laser cut nixie clock using a display bank from a 1970s submarine.

Paul Geering





Possibles

Mohammed Ikram



John Cain's wife



Emily Spreadborough



Akash



Pez



Guy