Contents



SPARK

Top Projects The Louvre of DIY projects

Objet 3d'art

Feast your eyes on 3D printed beauties

Consumer Electronics Show The most intelligent toys from CES

Columns

On the patterns that shape our electronics

Letters

More requests (and a bit of showing off)

Hackspace Nottingham

A community owned and run Hackspace

ACICAG

HackSpace



LENS

Scavenging Electronics

Rescue old bits of equipment and make them useful again

How I Made: A Chicken Door

Follow the build of an automated poultry portal

Humanitarian Makers

3D printing for the developing world

Interview Farm Urban

Open source DIY science that's safeguarding our food

Improvisor's Toolbox Glue Gun

Why there's more to glue than sticking things together

We Learn Belt Making

Get started working with leather











FORGE

SoM Metalwork

Build a silver-soldered toolbox

SoM Coding For Arduino

Reading data from devices

Tutorial Food Stencilling

Make unique decorations for cakes/steaks

Tutorial Internet Counter

Keep count of big numbers on the internet

Tutorial Build a Drone Racetrack

Track flying drones with lasers and woodwork

Tutorial 3D Printing

Print designs directly on to fabric

102 Tutorial Oscilloscope

Interpret wavy lines on a glowing screen

Build a location scanner LIKE IN ALIENS!!

106 Tutorial ESP8266 Rangefinder

FIELD TEST

Direct from Shenzhen Mechanical Keyboard

Customise the clickiness of your input device

116 Best in Breed

Vector drawing tools to power your laser cutter

120 Can I Hack It?

Hackers don't shoot people: Nerf guns do

122 Review Squix

A programmable e-paper display right out of the box

123 Review Leatherman Surge

The granddaddy of all-in-one multi-tools

124 Review SparkFun Inventor's Kit

Want to get started with electronics? Start here!

126 Review ElectroSmash Pedal Pi

Programmable guitar effects to learn while you rock

128 Review Coinkite Opendime

Make secure Bitcoin purchases in person

Book Review Much Ado About Almost Nothing

A history of electronic geekery

HackSpace

Some of the tools and techniques shown in HackSpace Magazine are dangerous unless used with skill, experience and appropriate personal protection equipment. While we attempt to guide the reader, ultimately you are responsible for your own safety and understanding the limits of yourself and your equipment. HackSpace Magazine is intended for an adult audience and some projects may be dangerous for children. Raspberry Pi (Trading) Ltd does not accept responsibility for any injuries, damage to equipment, or costs incurred from projects, tutorials or suggestions in HackSpace Magazine. Laws and regulations covering many of the topics in HackSpace Magazine are different between countries, and are always subject to change, our are responsible for understanding the requirements in your jurisdiction and ensuring that you comply with them. Some manufacturers place limits on the use of their hardware which some projects or suggestions in HackSpace Magazine may go beyond. It is your responsibility to understand the manufacturer's limits.