



## 63 ready-to-use maker projects

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Kroski, Ellyssa

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Monografía

"Librarians and makers from across the country present projects as fun as an upcycled fashion show, as practical as Bluetooth speakers, and as mischievous as a catapult. Included are projects for artists, sewers, videographers, coders, and engineers. The handy reference format will help you quickly identify the estimated costs, materials, and equipment; and because several projects don't even require a dedicated makerspace, every library can join in."--Amazon.com

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjUxNTU3ODE>

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**Variantes del título:** Sixty-three ready-to-use maker projects

**Mención de serie:** EBSCO Academic eBook Collection Complete

**Nota general:** Incluye índice

**Contenido:** Part 1. Paper, cardboard, and crafts projects. Create your own lava lamps / by Jessica Logan -- Host an upcycled fashion show / by Spring Lavallee -- Do-it-yourself chain mail / by Heather Buhler -- How to make your own cardboard standup / by Melissa Salnave -- Hydro-dipping flower pots / by Silvia Gutierrez -- Create magnetic slime / by Jessica Logan -- Duct tape crafts : wallet and rose / by Catherine Blair -- Create papercraft toys / by Catherine Blair -- Card-making with conductive paint / by Lyssa Troemel -- Build and launch foam rockets / by Nick Madsen -- Create pet rocks and rock pets / by Heidi Colom -- Part 2. Sewing and textiles projects. Fidget flannels / by Amanda Kramer -- Sew a glowing ghost marionette / by Lyssa Troemel -- Hand-sew a mini stuffed animal / by Leanne Posey -- Transform a t-shirt to tote bag in ten steps / by Silvia Gutierrez -- Yarn painting / by Jessica Logan -- Create a woven communi-tree / by Spring Lavallee -- Sew a zippered pencil pouch / by Lyssa Troemel -- Sew your own flag / by Katherine Lawrence -- Sew a pillowcase photo frame / by Silvia Gutierrez -- Part 3. Circuitry, wiring, and wearables projects. Create e-textiles with LilyPad Arduino / by Hannah Pope -- Create a soft circuit bracelet / by Susan Barnum -- Create LED origami tea lights / by Susan Barnum -- Make LED bookmarks / by Jessica Logan -- Create an LED brooch / by Casey McCoy -- R'Orchestra : musical instruments with Makey-Makey / by Cory Greenwood -- Begin soldering and earn a blinking LED badge / by Laura Baker -- Part 4. Milling, soldering, and cutting projects. Create a wooden maze with a CNC mill machine / by Erik Carlson

-- Create your own catapults / by Laura Baker -- Laser-cut a cardboard glider plane / by Erik Carlson -- Create a custom sign using a silhouette vinyl cutter / by Lyssa Troemel -- Laser-cut your own greeting card / by Jacqueline R. Mitchell -- Build a six-piece interlocking burr puzzle / by Erik Carlson -- Create a cardboard sculpture using a laser cutter / by Jacqueline R. Mitchell -- Create hidden treasure boxes / by Amanda Kramer and Brian Palmer -- Build bluetooth speakers / by Brian Palmer -- Create stamps to tell stories / by Lizzie Nolan -- Part 6. High-tech programming and robotics projects. Scribble droid : making a robot out of found objects / by Laura Baker -- Build solar robots / by Jessica Logan -- Robot biomimicry / by Michael Cherry -- 3D printing and robotics : hooks and hammers / by Michael Cherry -- Create a DIY Raspberry Pi barcode scanner / by Tom Tran -- Sonic Pi for creative coders / by Kate Lomax -- Create an ultrasonic speed detector / by Joe Stewart, James Bettke, Annie Stewart, and Shane Mann -- Privacy and security awareness training with Raspberry Pi / by Kate Lomax -- Part 7. Digital media projects -- Make a movie in four hours / by Nick Madsen -- Light painting / by Emily Stratford -- Storyboarding to create films without celluloid / by Andy Horbal and Lealin Queen -- Video editing to remix films / by Andy Horbal and Lealin Queen -- Black history month interview project / by Sienna Cittadino -- Hack a JPEG image / by Sienna Cittadino -- Green screen photography / by Amelia Vander Heide -- Create digitized sketchbooks / by Ingrid Grace -- Part 8. 3D printing projects. Turn yourself into a chocolate lollipop! / by Sienna Cittadino -- 3D print a bust of yourself / by Andy Horbal, Preston Tobery, and Yitzhak Paul -- Create your own board game / by Jessica Logan -- Create 3D prints on fabric / by Hannah Pope -- 3D print a marionette / by Lyssa Troemel -- 3D print characters for stop-motion films / by Michael Cherry -- Hack a 3D print / by Susan Barnum -- Turn 2D graphics into 3D prints / by Susan Barnum -- Create your own 3D designs / by Samantha Trinh -- Create a 3D touch exhibit display for the library / by Juan Denzer

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