

Gonzo Gizmos Projects And Devices To Channel Your Inner Geek

Daniel H. Pink
 11.5
 52
 17
 86
 1.5
 52
 17
 86
 1.5

We've come a long way from the Peashooter Era: with the advent of modern household products and office supplies—binder clips, clothespins, rubber bands, ballpoint pens, toothpicks, paper clips, plastic utensils, and (of course) matches and barbecue lighters—troublemakers of all stripes have the components needed to build an impressive, if somewhat miniaturized, arsenal. Toy designer John Austin provides detailed, step-by-step instructions for each project, including materials and ammo lists, clear diagrams, and construction tips, for mayhem-loving MacGyvers. The 35 devices include catapults, slingshots, minibombs, darts, and combustion shooters. Build a tiny trebuchet from paper clips and a D-cell battery. Wrap a penny in a string of paper caps to create a surprisingly impressive "bomb." Several of the projects even include variations where combatants mount laser pointer sights to their shooters to increase their accuracy. Finally, once you've built your armory, the author provides plans for a Top Secret Concealing Book to hide your stash, as well as targets for shooting practice. Never let your personal space go undefended again!

Traditional Chinese edition of On Becoming a Novelist by John Gardner. This fresh collection of more than 20 science projects—from hydrogen fuel cells to computer-controlled radio transmitters—is perfect for the tireless tinkerer. Innovative activities include taking detailed plant cell photographs through a microscope using a disposable camera; building a rocket engine out of aluminum foil, paper clips, and kitchen matches; and constructing a geodesic dome out of gumdrops and barbecue skewers. Organized by scientific topic, each chapter includes explanations of the physics, chemistry, biology, or mathematics behind the projects. Most of the devices can be built using common household products or components available at hardware or electronic stores, and each experiment contains illustrated step-by-step instructions with photographs and diagrams that make construction easy. No workbench warrior, science teacher, or grown-up

1954-May 1961). Also issued separately.

????????????????????????????????

Perfect for the do-it-yourselfer, this handy guide to household electronics gives the weekend workbench enthusiast a multitude of ideas on how to salvage valuable parts from old electronics and turn them into useful gadgets once more. This handbook is loaded with information and helpful tips for disassembling old and broken electronics. Each of the more than 50 deconstruction projects includes a "treasures cache" of the components to be found, a required tools list, and step-by-step instructions with photos on how to safely extract the working components. Projects include building a desk lamp from an old flatbed scanner, a barbecue supercharger from a Dustbuster impeller, and a robot from the gears, rollers, and stepper motor found in an ink-jet printer. Now, old VHS players and fax machines will find new life with these fun ideas.

????:Rock mechanics for underground mining

The two dozen contraptions found in this handy resource can move across the land, over the sea, and through the air and can be assembled primarily from low-cost or free recycled materials, batteries, and a single motor. Some of the projects include constructing a hovercraft out of a Styrofoam plate, two corks, and binder clips; building a double-paddlewheeler out of paint stirrers, plastic bottles, and a pair of disposable knives; and turning bamboo skewers, checkers, and a drinking straw into a three-wheeled motorcycle. Each project is clearly explained through materials and tools lists, step-by-step instructions with photographs, and scientific background on the concepts being explored. Budding engineers will get experience working with tools, testing simple circuits, modifying and improving their designs, and building unique contraptions of their own. Presents step-by-step instructions for building a variety of electronic devices, including a talking alarm, a moving eyeball painting, and a flashlight without batteries.

??????????,?????"?"????????????????????????????????,?????,???,?????

?????Linux ??????UNIX ?????????????????????????????????Linux C ?????????????Linux
?UNIX ?????????????????????????Linux ??????????????DBM?MySQL?????????Linux
????????X ???
????????Linux????????????Linux ???

This bestselling DIY handbook now features new and expanded projects, enabling ordinary folks to construct 16 awesome ballistic devices in their garage or basement workshops using inexpensive household or hardware store materials and this step-by-step guide. Clear instructions, diagrams, and photographs show how to build projects ranging from the simple match-powered rocket to the more complex tabletop catapult and the offbeat Cincinnati fire kite. The classic potato cannon has a new evil twin—the piezo-electric spud gun—and the electromagnetic pipe gun has joined the company of such favorites as the tennis ball mortar. With a strong emphasis on safety, the book also gives tips on troubleshooting, explains the physics behind the projects, and profiles scientists and extraordinary experimenters such as Alfred Nobel, Robert Goddard, and Isaac Newton. This book will be indispensable for the legions of backyard toy-

this fascinating science resource—all based on real magnetic physics. Each experiment—such as using a common refrigerator magnet to create a three-dimensional image or floating a magnet and carbon sheet in midair—is outlined with step-by-step instructions and diagrams that illustrate the key concepts of magnetism. Even the most experienced science teacher or at-home tinkerer will find dozens of new tricks in this amazing collection.

????????????????, ??????????????... ?????????????????

??

To become a ninja master, you need discipline, a silent footstep, and an impressive personal arsenal. Author and toy designer John Austin provides step-by-step instructions on how to turn everyday household and office items into 37 different ninja weapons for the modern era, including: the Crouching Tiger Catapult, Paper Clip Grappling Hook, Origami Boomerang, Magazine Nunchucks, Craft Stick Katana, Pencil Top Eraser Dart, and more! Once you've assembled an armory, the author provides several targets to practice your shooting skills—nested paper cups become a dragon; chopsticks and a paper plate form a tripod bulls-eye, and more. Armed, trained, and shrouded in black, you are now prepared for missions of reconnaissance and sabotage and other grim errands.

[Copyright: e783cf0ee20189a72bb80502e4d976ed](http://e783cf0ee20189a72bb80502e4d976ed)