

Make: Promo Pack



Makezine.tv

What is *Make:?*

PARAGRAPH

Make: is the DIY series for a new generation! It celebrates “Makers” – the inventors, artists, geeks and just plain everyday folks who mix new and old technology to create new-fangled marvels. The series encourages everyone to invent, revent, recycle, upcycle, and act up. Based on the popular *Make* magazine, each half-hour episode inspires millions to think, create, and, well, *make*.

Make: premiered nationwide on Public Television stations and online at www.makezine.tv in January 2009.

SENTENCE

Make: taps into the new DIY movement, inciting millions to invent, revent, recycle, upcycle, and act up.

TAGLINE

Make: Invent, revent, upcycle, act up!

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:



Episode Descriptions

Episode 101: Bicycle Rodeo

We meet Cyclecide, an inventive band of performance artists who build outrageous bicycle contraptions straight out of the dump. In the Maker Workshop segment John Park hacks an old VCR to build an automated cat feeder. William Gurstelle demonstrates the “Nibbler” tool for shaping metal and Maker Channel contributors showcase their talents through scream machines, laser harps, cupcake cars and a sly method for remotely shutting off annoying TV screens in public.

Episode 102: Aerial Kite Photography

Maker Chris Benton takes spectacular aerial photographs by rigging remote-controlled cameras to high flying kites. John Park builds a Burrito Blaster in the Maker Workshop and Mister Jalopy shows off his giant iPod. The Maker Channel features vegetable flutes, cool remote control robots, a latte foam printer and a simple technique to mod your vehicle to make it look ‘official’ for parking in loading zones.

Episode 103: Steampunk

We enter the alternative universe of Jake Von Slatt, one of the central figures of Steampunk, an innovative style that turns today’s technology into Victorian works of art. In the Maker Workshop, John Park shows us how to build a remote control pole camera for taking stunning aerial photographs. Cy Tymony demonstrates some sneaky uses for magnets and the Maker Channel presents a Theremin orchestra, a smoke ring generator, a pulse-jet bike, and a clever video-hacking way to drink beer on C-SPAN.

Episode 104: Fire Sculpture

We meet the Flaming Lotus Girls at the Box Shop, a women-centric maker collaborative that creates gargantuan, fire-breathing sculptures. In the Workshop, John Park shows how to make a digital TV antenna from wire coat hangers as well as a video camera stabilizer. William Gurstelle explores the world of cable ties while Maker Channel contributors show off a motorized lounge chair, an eye-popping I/O brush, a wearable massage video game vest and a giant match made from thousands of match heads.

Episode 105: Kinetic Wave Sculptures

Visionary maker Reuben Margolin creates elegant and hypnotic hanging wave sculptures. In the Maker Workshop John Park upcycles a discarded shopping cart into a stylish easy chair. Mister Jalopy details the unsung wonders of his 1950 Studebaker. The Maker Channel segment features a treadmill bike, a remote controlled foot stool, an aluminum sword foundry made by two 14 year olds, and a super hot beam that uses the Fresnel lens from a television to melt a security lock.

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:



Episode 106: Music Machines

We enter the plugged-in world of Tim Kaiser, a maker who fashions experimental musical instruments from scavenged objects. In the Workshop John Park builds a portable trebuchet from plastic plumbing pipe. Circuit bender, Bianca Pettis demystifies the art of soldering and Maker Channel contributors present a Smash Bat that takes moment-of-impact photos, a drum synthesizer played with Skittles, a pedal-powered tennis ball launcher, and an evil mouse that causes the cursor to misbehave whenever touched.

Episode 107: Urban Projections

We bike along with Ali Momeni and his fleet of mobile video projectors that transform public spaces into real-time sound and light shows on a massive scale. In the Workshop, John Park combines a treadmill motor and PVC pipe to build a wind generator. William Gurstelle shows us some devices that make it easy to release heavy loads, and the Maker Channel presents creations from around the country including a balloon organ, ball-fetching autonomous robot, and a lie-detector wristband.

Episode 108: Watershed Sculptures

We journey upstream with environmentalist Dan McCormick, a maker who crafts intricate watershed sculptures out of woven willow. In the Workshop, John Park shows how to build lively and inexpensive miniature robots. Mister Jalopy reveals the hidden treasures of his "Compact Childhood Museum." The Maker Channel segment features French fries shot from a spud gun, freeline skates that ride like a skateboard, an Asteroids game wrist watch, and a motorized wheel chair that shoots flames.

Episode 109: Computer Music Making

We meet CCRMA, a group of musical makers who stretch the sonic boundaries by turning personal computers into an electronic symphony. In the Workshop, John Park hacks a Wii controller to measure the stomach-churning forces of roller coasters. William Gurstelle demonstrates the use of a Japanese saw and Maker Channel contributors show off a Tesla coil electric guitar, a hand-implanted RFID for accessing security locks, an LED fan sign, and a solar-powered land gondola.

Episode 110: Wearable Technology

Maker/designer Syuzi Pakhchyan at SparkLab bridges high tech and fashion with her space age clothing explorations. In the Workshop, John Park shows how to build a guitar out of a cigar box. Mister Jalopy explains the value of open source engineering when he opens up his Camaro's cassette player. The Maker Channel features a sunlight poem, a pedal-powered smoothie blender, a beautifully handmade Theremin instrument, a clock-hacked time-lapse camera, and a cellphone jammer.

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:



Participant Biographies

John Park

John Park, **Make:**'s Maker Workshop Presenter, is a 3D animation character rigger, writer, educator, maker, proud father and husband. Originally from New York state, now living in Los Angeles, John loves performing, hacking, and taking things apart. He's also fond of robots, beatboxing, and espresso. John received his bachelor's degree in Drama from the University of Virginia. He now realizes that studying acting and building props prepared him well to host of the Maker Workshop segment of **Make:**. He has worked in computer graphics since 1994 in the video game, visual effects, and feature animation industries. He is currently a Character Technical Director at Walt Disney Animation Studios. John is a regular contributor to *Make* magazine and blogs at jpixl.net.

William Gurstelle

William Gurstelle, Project Producer for **Make:**, is a bestselling author and inveterate tinkerer whose work captures the fun and excitement that permeates the world of personal science and technology. As a presenter, he colorfully describes the creativity, innovation, and camaraderie that transform plain science into radical, technological self-expression. William graduated from the University of Wisconsin's College of Engineering and holds a graduate degree in business from the University of Minnesota. He has 25 years of technology and industry experience, and his work has been covered by *The New York Times*, *USA Today*, *Science News*, *National Public Radio*, and many others.

Mister Jalopy

Mister Jalopy, Maker to Maker contributor for **Make:**, has a motto: If it is broke, *do* fix it. And he does just that, repairing everything from old clocks and radios to broken bicycles to the rusted-out carcasses of the old automobiles from which he takes his name. This DIY guru is a pioneer and leader in the Maker movement, appearing in *Make* magazine and on its popular web site. In addition to repairs, he also creates new inventions out of old products, such as a tricycle-mounted film projector and an iPod-modified vinyl record player. Mister Jalopy, who declines to offer his real name, is a retired music executive who admits that he got out of the music business because he "preferred staying at home and making cool stuff."

Richard Hudson

Richard Hudson, Executive Producer of **Make:**, is the Director of Science Production at **tpt** National Productions, where he oversees both adult and children's science programs, including the long-running children's science series *DragonflyTV*, recent winner of two Daytime Emmy awards. Other executive producing credits for PBS include the Emmy-winning family science series *Newton's Apple* and the NOVA specials *Flood!*, *Dying to be Thin* and *Absolute Zero*. In addition to **Make:**, Richard is Executive Producing new projects for 2009 and 2010: A NOVA on the history of the telescope, *The Quest to See Infinity*, and a new children's science series, *SciGirls*.

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:





Makezine.tv

Make: Promo Pack

Fact Sheet

SHOW DESCRIPTION

Make: is the DIY series for a new generation! It celebrates "Makers" – the inventors, artists, geeks and just plain everyday folks who mix new and old technology to create new-fangled marvels. The series encourages everyone to invent, revent, recycle, upcycle, and act up. Based on the popular *Make* magazine, each half-hour episode inspires millions to think, create, and, well, *make*.

Make: premiered nationwide on Public Television stations and online at makezine.tv in January 2009.

AIRDATE

Feed date is January 3, 2009

PROGRAMS

10 half-hour episodes

SPONSOR

Major funding is provided by Geek Squad.

CONTACTS

Mark Ballard, The Rosen Group, 212.255.8455 ext. 225 or mark@rosengrouppr.com.
Heidi Van Heel, Twin Cities Public Television, 651.229.1436 or hvanheel@tpt.org.

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:





Logos & Images

High resolution versions of these logos, along with additional photos from the series are available at www.tpt.org/make/press and should be used on all materials. Contact Heidi Van Heel at hvanheel@tpt.org with questions or concerns.

Make: Logo



Make: Funder

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:



tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:



About *Make* Magazine



Make magazine is the first magazine devoted entirely to Do-It-Yourself (DIY) technology projects. *Make* magazine unites, inspires, informs, and entertains a growing community of resourceful people who undertake amazing projects in their backyards, basements, and garages.

Makezine.com, the award-winning website, is the companion site to *Make* magazine. Hosted by Phil Torrone, Makezine.com gets more than three million unique visitors per month. Makezine.com is the leader of DIY websites, bringing new content to the *Make* community daily with its devoutly followed blog and weekly video podcasts.

Make magazine is published by Maker Media, a division of O'Reilly Media, Inc. Maker Media also publishes CRAFT Magazine (craftzine.com), the first project-based magazine dedicated to the modern craft renaissance and the imaginative people who are transforming traditional crafts; publishes popular DIY book series including Hacks, DIY Science, *Make* Projects, and *Craft* Projects; and distributes top-quality DIY kits and books from around the planet at the Maker Shed (makershed.com).

Maker Media also produces the annual Maker Faire (makerfaire.com), a two-day, family-friendly event that celebrates the DIY mindset. It's for creative, resourceful people of all ages and backgrounds who like to tinker and love to make things.

tpt National Production • 172 East Fourth Street • Saint Paul, Minnesota 55101

PRODUCED BY:



IN ASSOCIATION WITH
MAKE MAGAZINE:



MAJOR FUNDING PROVIDED BY:



DISTRIBUTED BY:

