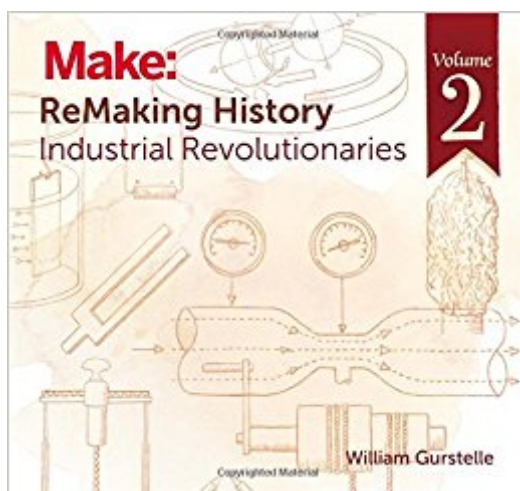


The book was found

ReMaking History, Volume 2: Industrial Revolutionaries



Synopsis

Industrial Revolutionaries is the second volume in William Gurstelle's unique exploration of history's great inventors. Each chapter revisits the life and times of one of the forward-thinking revolutionaries who helped create the world we live in. You will not only learn about their great inventions, you'll also get step-by-step instructions for recreating them yourself. History will come to life as you have never experienced it before when you build it with your own hands. Inside this volume, you will discover: Joseph McKibben and the Air Muscle Squire Whipple and the Iron Bridge Abe Lincoln and the Campaign Torch Samuel Morse and the Telegraph J.F. Daniell and the Storage Battery Ben Franklin and the Leyden Jar Charles Goodyear and the Vulcanization of Rubber Be sure to also check out ReMaking History, Volume 1: Early Makers and ReMaking History, Volume 3: Makers of the Modern World.

Book Information

Paperback: 176 pages

Publisher: Maker Media, Inc; 1 edition (November 25, 2016)

Language: English

ISBN-10: 1680450662

ISBN-13: 978-1680450668

Product Dimensions: 9.1 x 0.3 x 8.5 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #324,575 in Books (See Top 100 in Books) #13 in Books > Teens >

Education & Reference > Science & Technology > Technology > How Things Work #14 in Books

> Teens > Education & Reference > Science & Technology > Technology > Inventions #29

in Books > Teens > Biographies > Science & Technology

Customer Reviews

Bring history to life by making it yourself

William Gurstelle is an American nonfiction author, magazine writer, and inventor. He is a feature columnist for Make: magazine and the Pyrotechnics and Ballistics Editor at Popular Mechanics magazine.

Volume 2 of Make's "ReMaking History" series offers readers another skillful blending of history,

scientific and mathematical principles, plus do-it-yourself projects that help demonstrate the spirit of discovery. "The projects in this book," William Gurstelle explains, "were inspired by inventions of the time period from about 1700 to 1875, a period often known as the Industrial Revolution....." It was a time, he adds, when people began to "use machines instead of human labor to make lots of stuff more cheaply, and doing so would be the way of the future." Some of the DIY projects in this book are more difficult than others, and none of them appear appropriate for young children unless they are closely supervised by adults who are competent with tools. Middle schoolers and high schoolers should be supervised, as well, since some of the projects involve flames, corrosive chemicals, drills and other tools. Some of the book's projects include: copper-plating a small metal sign; fireproofing some pieces of cloth and wood; creating a Chinese (or differential) windlass for lifting heavy weights with a simple crank and not much force; and making a static electricity generator, plus a Leyden jar similar to the one Benjamin Franklin used to prove that lightning was electricity and not something supernatural, "the work of demons." Other projects include making a homemade electric arc lamp (powered by a battery and not a wall socket!), making a vacuum pump, making a tuning fork, and making vulcanized rubber erasers. Gurstelle's book is well illustrated with photographs, drawings and other graphics. And his text is nicely written and easily accessible. While keeping his explanations short and to the point, he offers engaging details about the history, people, and beneficial accidents or encounters that enabled the discoveries to occur and be exploited for progress. My thanks to Maker Media for providing an advance review copy.

[Download to continue reading...](#)

ReMaking History, Volume 2: Industrial Revolutionaries Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases. Patty's Industrial Hygiene and Toxicology, Volume 3, Part B, Third Edition, Theory and Rationale of Industrial Hygiene World History, Ancient History, Asian History, United States History, European History, Russian History, Indian History, African History. (world history) The Industrial Design Reference & Specification Book: Everything Industrial Designers Need to Know Every Day Industrial Fluid Power, Vol. 1: Basic Text on Hydraulics, Air & Vacuum for Industrial and Mobile Applications Fundamentals of Industrial Hygiene 6th Edition (Fundamentals of Industrial Hygiene) European Revolutionaries and Algerian Independence: 1954-1962 (Revolutionary History) Rad Women Worldwide: Artists and Athletes, Pirates and Punks, and Other Revolutionaries Who Shaped History The American Revolutionaries: A History in Their Own Words 1750-1800 ReMaking History, Volume 3: Makers of the Modern World Life and Death in the Andes: On the Trail of Bandits, Heroes, and Revolutionaries

Rules For Revolutionaries: The Capitalist Manifesto for Creating and Marketing New Products and Services
MEDICAL REVOLUTIONARIES: The Enslaved Healers of Eighteenth-Century Saint Domingue
Everyday Revolutionaries: Gender, Violence, and Disillusionment in Postwar El Salvador (Genocide, Political Violence, Human Rights)
Becoming the Tupamaros: Solidarity and Transnational Revolutionaries in Uruguay and the United States
The Red Web: The Struggle Between Russia's Digital Dictators and the New Online Revolutionaries
Talisman: Gnostics, Freemasons, Revolutionaries, and the 2000-Year-Old Conspiracy at Work in the World Today
The Red Web: The Struggle Between Russia's Digital Dictators and the New Online Revolutionaries
Against the Stream: A Buddhist Manual for Spiritual Revolutionaries

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)