“Build a Better World” Bibliography

“Be a Maker!” Series

Titles: Maker Projects for Kids Who Love—

Animation - Sarah Levete - J 777.7 LEVETE
Designing Communities – Megan Kopp  J 307.116 KOPP
Designing Spaces – Megan Kopp  J 745.5 KOPP
Electronics – Megan Kopp - J 621.381 KOPP
Exploring the Outdoors – Sarah Levete - J 745.5 LEVETE
Fashion – Sarah Levete - J 746.92 LEVETE
Games – Rebecca Sjonger  J 794.8 SJONGER
Graphic Design – James Bow  J 740 BOW
Greening Up Spaces – Megan Kopp  J 635 KOPP
Music – Rebecca Sjonger  J 784.1923 SJONGER
Paper Engineering – Rebecca Sjonger  J 745.5 SJONGER
Photography – Kelly Spence  J 770 SPENCE
Printmaking – Joan Marie Galat  J 769 GALAT
Robotics – James Bow  J 629.892 BOW
Sports – Sarah Levete  J 796 LEVETE
Woodworking - Sarah Levete  J 745.51 LEVETE
“Maker Kids” Series Titles:

High-tech DIY Projects With--

- 3D Printing - Maggie Murphy  J 621.988 MURPHY
- Electronics, Sensors, and LEDs – Maggie Murphy  J 621.381 MURPHY
- Flying Objects – Maggie Murphy  J 621.4356 MURPHY
- Microcontrollers – Maggie Murphy  J 629.89 MURPHY
- Musical Instruments – Maggie Murphy  J 784.1923 MURPHY
- Robotics – Maggie Murphy  J 629.892 MURPHY

“Create With Duct Tape” Series

- Duct Tape Animals - Carolyn Bernhardt  J 745.59 BERNHARD
- Duct Tape Fashion - Carolyn Bernhardt  J 745.59 BERNHARD
- Duct Tape Survival Gear – Rebecca Felix  J 613.69 FELIX

“Cool Industrial Arts” Series

- Cool Engine & Motor Projects: Fun & Creative Workshop Activities - Rebecca Felix  J 621.46 FELIX
- Cool Engineering Projects: Fun & Creative Workshop Activities – Rebecca Felix  J 620.1 FELIX
“Makers as Innovators” Series

3D Modeling - Theo Zizka  J 006.693 ZIZKA

Designing Board Games - Kristin Fontichiaro  J 704 FONTICHI

E-Textiles - Jan Toth-Chernin  J 677.6 TOTH-CHE

FIRST Robotics - Nancy Benovich Gilby  J 629.892 GILBY

Game Design - Greg Austic  J 794.8 AUSTIC

Hacking Fashion: Denim - Kristin Fontichiaro  J 746.92 FONTICHI

Hacking Fashion: Fleece - Kristin Fontichiaro  J 746.92 FONTICHI

Hacking Fashion: Tee Shirts - by Kristin Fontichiaro  J 646.4 FONTICHI

Maker Faire - Samantha Roslund and Kristin Fontichiaro  J 607.34 ROSLUND

Makey Makey – Sandy Ng  J 006.22 NG

Prototyping - by Eric Cook  J 620.0042 COOK

Raspberry Pi - by Charles R. Severance and Kristin Fontichiaro  J 005.133 SEVERANC

Scratch - by Pete Benson  J 704.8152 BENSON

Silk Screening - Lyz Luidens and Camille Griffin  J 686.2316 LUIDENS

Solar Energy Projects - Audrey Huggett  J 621.47 HUGGETT

Soldering - David Erik Nelson  J 671.56 NELSON

Squishy Circuits - Kristin Fontichiaro and AnnMarie P. Thomas  J 621.3815 FONTICHI
"Build It Yourself" Series

Amazing Kitchen Chemistry Projects You Can Build Yourself - Cynthia Light Brown  J 542 BROWN

Amazing Math Projects You Can Build Yourself - Laszlo C. Bardos  J 510 BARDOS

Amazing Solar System Projects You Can Build Yourself - Delano Lopez  J 523.2078 LOPEZ

Backyard Biology: Investigate Habitats Outside Your Door With 25 Projects - Donna Latham  J 570 LATHAM

The Big Book of Hacks  621.381 BIG BOOK

Bridges and Tunnels: Investigate Feats of Engineering - Donna Latham  J 624.2 LATHAM

Cities: Discover How They Work - Kathleen M. Reilly  J 307.76 REILLY

Energy: Investigate Why We Need Power & How We Get It: 25 Projects - Kathleen M. Reilly  J 621.042 REILLY

Food: 25 Amazing Projects: Investigate the History and Science of What We Eat - Kathleen M. Reilly  J 641.3 REILLY

George Washington: 25 Great Projects You Can Build Yourself - Carla Mooney  J 973.4109 MOONEY

Inca: Discover the Culture and Geography of a Lost Civilization - Lawrence Kovacs  J 985.019 KOVACS

The Industrial Revolution: Investigate How Science and Technology Changed the World: With 25 Projects - Carla Mooney  J 909.81 MOONEY


Maya: Amazing Inventions You Can Build Yourself - Sheri Bell-Rehwoldt  J 972.8101 BELL-REH


Robotics: Discover the Science and Technology of the Future with 20 Projects - Kathy Ceceri  J 629.892 CECERI

Skyscrapers: Investigate Feats of Engineering - Donna Latham  J 720.4832 LATHAM
Timekeeping: Explore the History and Science of Telling Time with 15 Projects - Linda Formichelli & W. Eric Martin  J 529 FORMICHEM


Mindstorms: Level 1 - Rena Hixon  J 629.892 HIXON

Mindstorms: Level 2 - Rena Hixon  J 629.892 HIXON

Mindstorms: Level 3 - Rena Hixon  J 629.892 HIXON

Mindstorms: Level 4 - Rena Hixon  J 629.892 HIXON

Minecraft: Beginner’s Guide - James Zeiger  J 793.932 ZEIGER

Minecraft: Enchanting and Potion Brewing - James Zeiger  J 794.8 ZEIGER

Minecraft: Guide to Animals - Josh Gregory  J 794.8 GREGORY

Minecraft: Guide to Building - Josh Gregory  J 794.8 GREGORY

Minecraft: Guide to Combat - Josh Gregory  J 794.8 GREGORY

Minecraft: Mining and Farming - James Zeiger  J 794.8 ZEIGER

Minecraft: Redstone and Transportation - James Zeiger  J 794.8 ZEIGER

The Making of Minecraft - Jennifer Zeiger  J 794.8 ZEIGER
More Titles

The Art of the Catapult: Build Greek Ballistae, Roman Onagers, English Trebuchets, and More Ancient Artillery - William Gurstelle  J 623.441 GURSTELL

The Big Book of Makerspace Projects: Inspiring Makers to Experiment, Create, and Learn - Colleen Graves, Aaron Graves  629.89 GRAVES

The LEGO Technic Idea Book: Simple Machines - Yoshihito Isogawa  J 621.833 ISOGAWA

Maker Lab: 28 Super Cool Projects: Build, Invent, Create, Discover - Jack Challoner  J 507.8 CHALLONE


Out of the Box - Jemma Westing  J 745.54 WESTING

STEAM Kids Christmas - Anne Carey [and 11 others]  J 745.5941 CAREY

Sticky Fingers: DIY Duct Tape Projects - Sophie Maletsky  J 745.5 MALETSKY