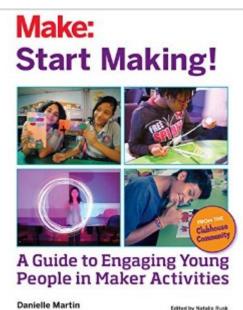
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## Start Making!: A Guide To Engaging Young People In Maker Activities



Alisha Panjwani

Edited by Natalie Rusk Afterward by Mitchel Resnick



## Synopsis

Start Making! is a program developed by the Clubhouse Network to engage young people all over the world in Maker-inspired activities. With this guide, you will discover how to plan and coordinate Start Making! projects in your home, school, library, community center, after-school club, or makerspace. You'll learn strategies for engaging young people in creative thinking, developing individual and team projects, and sharing and reflecting on their creations. Each session includes a list of the supplies you'll need, step-by-step instructions for completing the projects, and prompts for stimulating discussion, curiosity, and confidence. These fun do-it-yourself (and do-it-together) projects teach fundamental STEAM concepts -- science, technology, engineering, art, and math -while introducing young people to the basics of circuitry, design, coding, crafting, and construction. They'll make paper cards and creations that light up, play music using a MaKey MaKey keyboard and Scratch programming, join together to make paintings with light, design and construct 3D sculptures, build a vibrating art-bot that makes drawings, and sew fabric creations with wearable circuits. Dip into the activities once a week, run them as a week-long summer activity, or go through the guide in any way that works for you. By offering your own Start Making! program, you can inspire young people in your community to develop creative ideas, learn new skills, and share their creations. The Clubhouse Network is a global network of community-based centers led by Boston's Museum of Science in collaboration with the MIT Media Lab.

## **Book Information**

Paperback: 208 pages Publisher: Maker Media, Inc; 1 edition (April 21, 2016) Language: English ISBN-10: 1457187914 ISBN-13: 978-1457187919 Product Dimensions: 7 x 0.5 x 9.1 inches Shipping Weight: 10.4 ounces (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #221,369 in Books (See Top 100 in Books) #10 in Books > Children's Books > Computers & Technology > Hardware & Robotics #29 in Books > Children's Books > Education & Reference > Science Studies > Electricity & Electronics #55 in Books > Children's Books > Science, Nature & How It Works > Inventions & Inventors Age Range: 8 and up Grade Level: 4 - 7

## **Customer Reviews**

IMHO one of the hidden treasures of the Fab11 International Conference (Boston, 2015) Fab Fest was a workshop titled "From Start to Keep Making: Best Practices from Computer Clubhouses" by Danielle Martin and Alisha Panjwani from Boston Museum of Science and MIT. The ladies let us tinker in a little bit chaotic way (as it should be) while telling us 1001 stories about the Intel computer clubhouses and the "Start Making!" program they developed as a type of pre-fabschool. They had "engineered" their activities from a learning perspective, had formulated clear principles and goals, have a loose format for session management and connect a series of sessions during a week or weekly sessions over some months. So the whole was more than the sum of parts. For me, it was a big step forward compared to incidental and disconnected S.T.E.M. activities with children; I could learn a lot from them.As befits the great makers, Danielle and Alisha have put their experiences in writing. The result, edited by Natalie Rusk, is "Make: Start making! A guide to engaging young people in maker activities". In fact it is the facilitator guide of their program extended with a lot of extra's.

An easy-to-use, rich resource for anyone wanting to pursue Maker activities with young people. There are many helpful photos, facilitation hints, extension suggestions, and troubleshooting tips. *Download to continue reading...* 

Start Making!: A Guide to Engaging Young People in Maker Activities Catechism for Young Children Questions 1-30: Bible Story and Art Activities for the Shorter Catechism (Bible Stories and Art Activities for the Shorter Catechism for Young Children) (Volume 1) Creative Activities and Curriculum for Young Children (Creative Activities for Young Children) Maker Projects for Kids Who Love Music (Be a Maker!) Maker Projects for Kids Who Love Electronics (Be a Maker!) The Skinny Ice Cream Maker: Delicious Lower Fat, Lower Calorie Ice Cream, Frozen Yogurt & Sorbet Recipes For Your Ice Cream Maker The Smoothie Maker Recipe Book: Delicious Superfood Smoothies for Weight Loss, Good Health and Energy - Works with Any Personal Blender or Smoothie Maker Seventh Son (Tales of Alvin Maker, Book 1) (Tales of Alvin Maker (Audio)) Prentice Alvin (The Tales of Alvin Maker, Book 3) (Tales of Alvin Maker (Audio)) Alvin Journeyman (Tales of Alvin Maker, Book 4) (Tales of Alvin Maker (Audio)) Jewelry Making & Etsy Business Box Set: Jewelry Making Instructions and Useful Tips to Guide You Through How to Start Your Etsy Business (Jewelry Making ... Selling Etsy, Esty Selling Success) 1493 for Young People: From Columbus's Voyage to Globalization (For Young People Series) A Young People's History of the United States: Columbus to the War on Terror (For Young People Series) Japanese for Young People III: Kanji Workbook (Japanese for Young People Series) Dealing With Difficult People: Get to Know the Different Types of Difficult People in the Workplace and Learn How to Deal With Them (How To Win People, How To Influence People) The Young Protectors: Engaging the Enemy The Young Investor: Projects and Activities for Making Your Money Grow Why Motivating People Doesn't Work ... and What Does: The New Science of Leading, Energizing, and Engaging Movie Maker: The Ultimate Guide to Making Films Walt Disney: Young Movie Maker (Childhood of Famous Americans)

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