Makerspaces in Libraries (Library Technology Essentials)

By Theresa Willingham, Jeroen de Boer

 📖 Download   📖 Read Online

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer

Makerspaces, sometimes also referred to as hackerspaces, hackspaces, and fablabs are creative, DIY spaces where people can gather to create, invent, and learn. In libraries they often have 3D printers, software, electronics, craft and hardware supplies and tools, and more. Makerspaces are becoming increasingly popular in both public and academic libraries as a new way to engage patrons and add value to traditional library services. Discover how you can create a makerspace within your own library though this step-by-step guidebook. From planning your innovation center to hosting hack-a-thons, guest lectures, and social events in your new lab, *Makerspaces in Libraries* provides detailed guidance and best practices for creating an enduring, community driven space for all to enjoy and from which both staff and patrons will benefit.

This well researched, in-depth guide will serve libraries of all sizes seeking to implement the latest technologies and bring fresh life and engaging programming to their libraries. Highlights and best practices include:

1. budgeting and business planning for a librarymakerspace,
2. creating operational documents,
3. tools and resources overviews,
4. national and international case studies,
5. becoming familiar with 3D printers through practical printing projects (seed bombs),
6. how to get started with Arduino (illuminate your library with a LED ambient mood light),
7. how to host a FIRST Robotics Team at the library,
8. how to develop hands-on engagement for senior makers (Squishy Circuits), and
9. how to host a Hackathon and build a coding community.

📥 **Download** Makerspaces in Libraries (Library Technology Essen ...pdf

📄 **Read Online** Makerspaces in Libraries (Library Technology Ess ...pdf

Makerspaces in Libraries (Library Technology Essentials)

By Theresa Willingham, Jeroen de Boer

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer

Makerspaces, sometimes also referred to as hackerspaces, hackspaces, and fablabs are creative, DIY spaces where people can gather to create, invent, and learn. In libraries they often have 3D printers, software, electronics, craft and hardware supplies and tools, and more. Makerspaces are becoming increasingly popular in both public and academic libraries as a new way to engage patrons and add value to traditional library services. Discover how you can create a makerspace within your own library though this step-by-step guidebook. From planning your innovation center to hosting hack-a-thons, guest lectures, and social events in your new lab, *Makerspaces in Libraries* provides detailed guidance and best practices for creating an enduring, community driven space for all to enjoy and from which both staff and patrons will benefit.

This well researched, in-depth guide will serve libraries of all sizes seeking to implement the latest technologies and bring fresh life and engaging programming to their libraries. Highlights and best practices include:

1. budgeting and business planning for a librarymakerspace,
2. creating operational documents,
3. tools and resources overviews,
4. national and international case studies,
5. becoming familiar with 3D printers through practical printing projects (seed bombs),
6. how to get started with Arduino (illuminate your library with a LED ambient mood light),
7. how to host a FIRST Robotics Team at the library,
8. how to develop hands-on engagement for senior makers (Squishy Circuits), and
9. how to host a Hackathon and build a coding community.

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer Bibliography

- Sales Rank: #4231835 in Books
- Published on: 2015-08-21
- Original language: English
- Number of items: 1
- Dimensions: 9.29" h x .67" w x 6.35" l, .0 pounds
- Binding: Hardcover
- 158 pages

⬇ **Download** Makerspaces in Libraries (Library Technology Essen ...pdf

🗎 **Read Online** Makerspaces in Libraries (Library Technology Ess ...pdf

Download and Read Free Online Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer

Editorial Review

Review

Libraries are different things to diverse populations. For some, the library is a place for study or research. For others, it's a community hub, a social meeting place. Increasingly, with the addition of multifunctional, interactive creative spaces where people gather to build, experiment, and innovate, the library as an idea incubator is coming into its own. Whether they host programming code camps or provide arts and crafts or fabrication tools, Hacker spaces, Fab Labs, and Maker spaces are examples of ways that both public and academic libraries in the United States and Europe are finding new ways to engage with users. Maker space advocates Willingham and De Boer provide a brief overview and history of Maker spaces in libraries before launching into a well-written practical guide to these innovation centers. Case studies, equipment, project and event ideas, tips and tricks for getting started, funding, policies and procedures, and recommended further reading are all included. Verdict: recommended for librarians, administrators, and staff considering a foray into Maker spaces. (*Library Journal*)

I enthusiastically recommend the *Library Technology Essentials* series. Many libraries will want to invest in the entire set as a professional development resource since they will inevitably face some degree of involvement with each of the volume topics. Library technologists will want one of these books at their side as they launch new projects or initiatives. Ellyssa Kroski has shepherded a collection that makes an important contribution to the professional practice of library technology. (Marshall Breeding, Independent Consultant, Speaker, and Author; editor Library Technology Guide editor, Computers in Libraries columnist, and Smart Libraries Newsletter editor)

Makerspaces, sometimes also referred to as hackerspaces, hackspaces, and fablabs are creative, DIY spaces where people can gather to create, invent, and learn. In libraries they often have 3D printers, software, electronics, craft and hardware supplies and tools, and more. Makerspaces are becoming increasingly popular in both public and academic libraries as a new way to engage patrons and add value to traditional library services. Discover how you can create a makerspace within your own library though this step-by-step guidebook. From planning your innovation center to hosting hack-a-thons, guest lectures, and social events in your new lab, *Makerspaces in Libraries* provides detailed guidance and best practices for creating an enduring, community driven space for all to enjoy and from which both staff and patrons will benefit.

From the Author

The process of writing *Makerspaces in Libraries* with Jeroen De Boer, of Frysklab in the Netherlands, was exciting and reassuring. The time is clearly ripe now, for libraries to take their rightful place at the heart of our communities as 21st century centers of skills and knowledge development. Makerspaces are central to the revitalization of libraries, and thriving communities. For maximum sustainability and measurable impact,though, those spaces need to be developed intelligently and thoughtfully, from the ground up in a way that leverages the interest and support of all stakeholders.

Makerspaces in Libraries draws on the best practices of progressive libraries and practiced leadership from all over the world, including my own experience in makerspace development, to chart a path that helps libraries explore maker culture, understand and develop staff capabilities, evaluate community needs and preferences, understand volunteer capacity and collaborative possibilities to help ensure long term program sustainability and growth. Libraries hold the key to an empowered future for all of us and I'm honored to share here some valuable tools for helping librarians open the door to that future.

About the Author

Theresa Willingham is a professional writer and the author of two books on health, with more than thirty years' experience across a diverse spectrum of fields and interests, all focused on doing work she's passionate about, in a way she hopes helps make her corner of the world a better place. She believes strongly in the value of collaboration and the strength of mentor-based learning. Theresa is Regional Director for *FIRST* STEM education programs in central Florida, and a Creative Partner with Eureka! Factory, working as a consultant and creative space designer with her husband, Steve, helping libraries and other organizations develop makerspaces and creative programming. They are the designers of the 10,000 sq. ft. Hive, Community Innovation Center, at the John F. Germany Library, the main branch of the Tampa-Hillsborough Public Library System in Tampa, Florida. They annually produce Gulf Coast MakerCon, Tampa Bay's signature maker festival, Celebrating the DIY Inventive Spirit, and ROBOTICON Tampa Bay, a *FIRST* Robotics Showcase.

Jeroen de Boer works at Bibliotheekservice Fryslân (BSF, Leeuwarden, The Netherlands) as new media specialist. He's a strong believer in open technologies and the way libraries can and should learn from maker culture. This is one of the main reasons why he's on the board of the FabLab Benelux Foundation. One of the projects Jeroen is currently working on is FryskLab, a Mobile Library FabLab. He writes regularly on his personal blog and in professional magazines.
He gives presentations about libraries, innovation and makerspaces at (international) library conferences. In 2012 and 2014 Jeroen was awarded with the BibliotheekInitiatiefPrijs (Library Initiative Award). In 2012 for SocialMediaCaster, an interactive kiosk with a touchscreen and RFID reader that bridges the physical library collections to the digital realm of social media. In 2014 for FryskLab, together with my two project members at BSF.

He is on the Advisory Committee of Internet Librarian International and a member of the Programming Committee of the 2015 Conference of the International Association of School Librarianship (IASL). In 2015 Jeroen is nominated for Librarian of the Year in the Netherlands.

Users Review

From reader reviews:

Henry Barba:

With other case, little persons like to read book Makerspaces in Libraries (Library Technology Essentials). You can choose the best book if you like reading a book. Given that we know about how is important the book Makerspaces in Libraries (Library Technology Essentials). You can add expertise and of course you can around the world by way of a book. Absolutely right, since from book you can learn everything! From your country until foreign or abroad you will be known. About simple issue until wonderful thing you are able to know that. In this era, we are able to open a book as well as searching by internet product. It is called e-book. You need to use it when you feel bored to go to the library. Let's learn.

Brenda Wright:

This book untitled Makerspaces in Libraries (Library Technology Essentials) to be one of several books which best seller in this year, that is because when you read this guide you can get a lot of benefit into it. You will easily to buy this specific book in the book shop or you can order it by means of online. The publisher on this book sells the e-book too. It makes you more easily to read this book, since you can read

this book in your Touch screen phone. So there is no reason to you personally to past this reserve from your list.

Amanda Kline:

This Makerspaces in Libraries (Library Technology Essentials) is completely new way for you who has curiosity to look for some information as it relief your hunger of knowledge. Getting deeper you onto it getting knowledge more you know or perhaps you who still having little digest in reading this Makerspaces in Libraries (Library Technology Essentials) can be the light food in your case because the information inside that book is easy to get by simply anyone. These books build itself in the form and that is reachable by anyone, yes I mean in the e-book contact form. People who think that in e-book form make them feel drowsy even dizzy this publication is the answer. So there isn't any in reading a guide especially this one. You can find what you are looking for. It should be here for you actually. So , don't miss the idea! Just read this e-book style for your better life and also knowledge.

Avis Marguez:

Do you like reading a book? Confuse to looking for your chosen book? Or your book has been rare? Why so many concern for the book? But virtually any people feel that they enjoy regarding reading. Some people likes examining, not only science book but additionally novel and Makerspaces in Libraries (Library Technology Essentials) as well as others sources were given information for you. After you know how the truly amazing a book, you feel want to read more and more. Science guide was created for teacher or maybe students especially. Those publications are helping them to bring their knowledge. In additional case, beside science guide, any other book likes Makerspaces in Libraries (Library Technology Essentials) to make your spare time a lot more colorful. Many types of book like this.

Download and Read Online Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer #C6ZFBIWUVKM

Read Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer for online ebook

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer books to read online.

Online Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer ebook PDF download

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer Doc

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer Mobipocket

Makerspaces in Libraries (Library Technology Essentials) By Theresa Willingham, Jeroen de Boer EPub