

Maker Workshop

School Library Journal's newest installment of Maker Workshop will feature all new, up-to-the-minute content to help you develop a rich maker program for your school or library. Join us to learn new ways of sparking engagement and hands-on learning. During this 4-week online you'll hear directly from expert keynote speakers doing inspiring work that you can emulate, regardless of your library's size or budget.

Course sessions will explore culturally relevant making and how to access your community's needs, STEAM, mobile maker spaces, multi-media, 3-D printing and more!

SPECIAL TEEN PROGRAMMING

This time, we'll feature special sessions within the overall Maker Workshop program devoted to teen programming ideas and education. Teen librarians will also have the opportunity to work within peer groups led by leading teen librarians.

In addition to weekly guest speakers, participants will work in small groups with facilitators experienced in the maker movement to complete assignments and field research in your library that will fuel your maker program

Online Course Features:

Instructor-led online courses feature personalized interaction over four weeks

Real-time guest speakers and conversation via live webcast (with recordings available afterward)

Weekly homework assignments to help you make progress on your goals

Individualized attention from course facilitators who work with you in a coaching environment to help sort out challenges

Ongoing group conversation via discussion forums

Articles, videos and other resource

Week 1 | Tuesday, January 31, 2017 | 1:00 pm ET

Orientation

Course advisor Carmen Scheidel, CEO of Edmaker.co, will lead you on a guided tour of the online classroom, explain how the assignments and homework groups work, and take any of your questions to help get you set up for our live keynote session.



Carmen Scheidel, CEO Edmaker.co

Keynote: Lessons from *Lab Girl* Author, Hope Jahren

Acclaimed scientist Hope Jahren, whose 2016 memoir *Lab Girl* was chosen as a *New York Times* Notable Book, will share her experience working with plants, trees, flowers, and seeds as a fresh way to more deeply understand the natural world and approach learning about science.



Hope Jahren, Geochemist, Geobiologist, and Author; named one of *Time Magazine's* "100 Most Influential People"

Making Art, Preserving Tradition: The Mele Murals Project

When Estria Miyashiro and Jeremy LaTrasse founded The Estria Foundation in 2010, they hoped to create lasting social change while empowering local communities through art. For their largest project, *Mele Murals*, artists, youth, and community members work together to create a series of large-scale outdoor murals focusing on Hawaiian lyrics (mele) that explore mo`olelo `aina (stories of place) and cultural and historical heritage. The process of developing these murals takes youth on a journey; not only immersing them in the process of making art, but also connecting them deeply and meaningfully to the history, culture, and stories of Hawai'i.



Estria Miyashiro, Founder, The Estria Foundation (HI)

Week 2 | Tuesday, February 7, 2017 | 1:00 pm ET

Makerspace in a Box: Getting Started With littleBits - Sponsored Session

littleBits—often described as electronic LEGO—makes it easy for students to create inventions. Product Lead, Erin Mulcahy, will share innovative ways to get started using littleBits in a classroom or school library.

Erin Mulcahy, Product Lead, littleBits

Enter the Holodeck: Music Production with *Urban Arts Partnership*

One of the founding beliefs of *Urban Arts Partnership* is that the arts are the most powerful tool we have as educators for closing the achievement gap, and they've been proving the truth of that statement for decades. In this exciting session, James Miles and Chenits Pettigrew join us to share ways to connect with and inspire students through music production and programming. They'll explore creative ways to build a thriving music production program in your makerspace from the ground up, sharing examples from the work they've done with countless schools and student groups. They'll also share their methods for integrating music production into educational curricula, making your maker project indispensable to your learning goals for your library. This session will leave you feeling inspired and ready to take on a music production project of your own.



James Miles, Director of Education, Urban Arts Partnership

Jamel Mims, Fresh Prep Program Manager, Urban Arts Partnership

Chentis Pettigrew, Music Director, Urban Arts Partnership

Video Production for Teens

It's no secret that video, music, and photography appeal to teens. In this dynamic session, learn about creative ways to take that interest and turn it into a multimedia maker program that keeps kids engaged and coming back for more. Laura Gardner, school librarian of the year finalist for 2016 will explore ways in which to jumpstart video production maker projects with your teen and preteen audience and specifically zoom in on how to use the app Touchcast to make video production come to life in your makerspace!



Laura Gardner, Teacher Librarian, Dartmouth Public Schools (MA), Finalist, *School Library Journal's* School Librarian of the Year 2016

The "Genius Hour" and Innovations in Making

Learn how using the principle of innovation in your library space can ignite creativity and passion within your students and patrons in this dynamic session from Don Wettrick, teacher and author of *Pure Genius: Building a Culture of Innovation and Taking 20% Time to the Next Level*. Don will discuss how interdisciplinary experiences rooted in interest, curiosity, and collaboration can create exciting, even life-changing learning experiences that your students and patrons won't soon forget. He'll offer practical insight into infusing innovation into your maker projects no matter what your budget or constraints may be, and show us that innovation is a powerful tool in creating a successful makerspace.



Don Wettrick, Innovation Specialist, Noblesville High School (IN)

Week 3 | Tuesday, February 14, 2017 | 1:00 pm ET

Making Without the Space: Mobile Makerspaces

Many dream of developing a makerspace, but the reality is that they don't physically have the space to give that dream a home. This session explores how you can create the makerspace you want for you library, no matter your space constraints. You'll learn about the wide - and wildly creative - world of mobile makerspaces, which are high on inspiration, but low on space commitment. Whether your maker plans involve pipe cleaners and paper, or computers and coding, creating a mobile makerspace can be just the thing to put that plan into motion.



Mica Johnson and Brittany Witte, School Librarians, Farragut Middle School (TN)

Making That's Made for Your Community

Creating meaningful dialogue is imperative to providing your community with services and programs that authentically connect with their needs. In this insightful session, Kristin Fontichiaro of the University of Michigan, discusses how to develop a rapport and cultivate a deep relationship with community members that can grow into diverse and creative projects that take serving the community to heart.



Kristin Fontichiaro, Clinical Associate Professor, University of Michigan School of Information (MI)

Do It Yourself: Inspiring a Passion to Make in Teen Girls

Involvement in - and exposure to - hands-on making can advance girls' success in STEAM fields and ignite new passions that can take young women through adolescence and into adulthood. Programs like DIY Girls, based in Los Angeles, seek to cultivate an engagement with technology and engineering in girls at an early age to foster growth in the number of girls and women in STEAM fields and unlock individual interests that may even grow into future careers.



Sylvia Aguiñaga, Director of Curriculum, DIY Girls (CA)

Week 4 | Tuesday, February 21, 2017 | 1:00 pm ET

The Ins-and-Outs of 3D Printing

3D printers are a popular feature of many makerspaces and are becoming more and more accessible, but where does one begin when considering whether to add this feature to their makerspace? Join Nick Taylor in a soup-to-nuts discussion of how to envision, establish, and troubleshoot a 3D printing program in your library makerspace. He'll take you through the evolution of his 3D printing experience, including exploring his ideas for developing tiered makerspace tool system to organize your space.



Nick Taylor, Supervisor, Tech Experience at Arapahoe Libraries (CO)

Nate Stone, Program Coordinator, ideaLab, Community Technology Center, Denver Public Library

Whatever Happened to Shop Class? The Intersection of the Maker Movement, Schools, and Libraries

Is the maker movement a modern day re-envisioning of shop class? Home Ec? How can we tap into what made those classes so useful - their practical skill-building and hands-on creativity - and apply that to making in schools and libraries today? This session will explore the answer to those questions, and how the meeting of making in libraries and career and technical education in schools can be powerful allies in the interest of providing opportunities to make in all kinds of communities for all kinds of audiences.



Todd Burleson, Library Media Specialist, Winnetka Public Schools-District (IL), *School Library Journal's* School Librarian of the Year, 2016

Maker Workshop Peer Showcase

For this closing session, some Maker Workshop attendees will have the opportunity to present their most compelling makerspace ideas (in concept or execution) to their peers. Everyone will have an opportunity to submit their concepts via the online classroom discussion board and up to three people will be chosen to present live in the session hosted by *School Library Journal* Executive Editor Kathy Ishizuka, who will also field questions about what she looks for in stories to cover in the magazine and online.



Kathy Ishizuka, Executive Editor, *School Library Journal*

Registration

For payment by check or credit card, please complete the form below.

To register online, please visit learn.libraryjournal.com/Maker-Workshop

Maker Workshop

January 31 - February 21, 2017

Attendee(s): (write clearly)

_____	_____	_____
First Name	Last Name	Title
_____	_____	_____
Company	Email	Phone

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First Name	Last Name	Title
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First Name	Last Name	Title
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Company	Email	Phone

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First Name	Last Name	Title
_____	_____	_____
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If you would like to register a team and benefit from preferential rates please call **(646) 380 0773**.

To pay by **check***, mail this form, with your check enclosed, to:

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