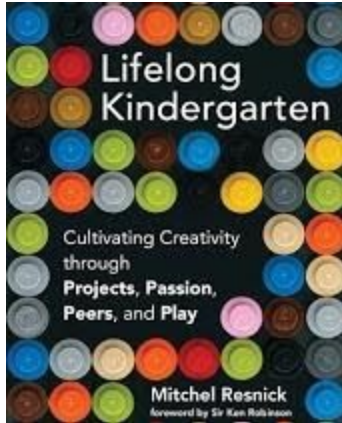


# **Resources for creating with the MakeyMakey and other plug and play devices**

Produced by Donna Cleveland

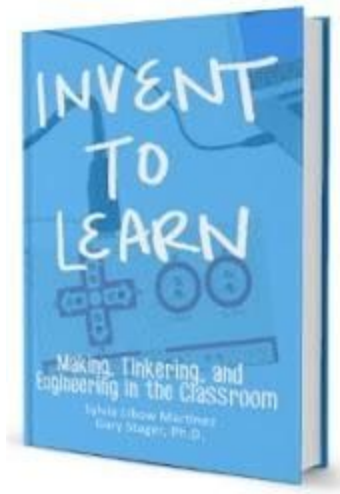
# Books & Articles



## [Lifelong Kindergarten: Cultivating Creativity through Projects, Passion, Peers, and Play](#) -

In kindergartens these days, children spend more time with math worksheets and phonics flashcards than building blocks and finger paint. Kindergarten is becoming more like the rest of school. In *Lifelong Kindergarten*, learning expert [Mitchel Resnick](#) argues for exactly the opposite: the rest of school (even the rest of life) should be more like kindergarten. To thrive in today's fast-changing world, people of all ages must learn to think and act creatively -- and the best way to do that is by focusing more on imagining, creating, playing, sharing, and reflecting, just as children do in traditional kindergartens.

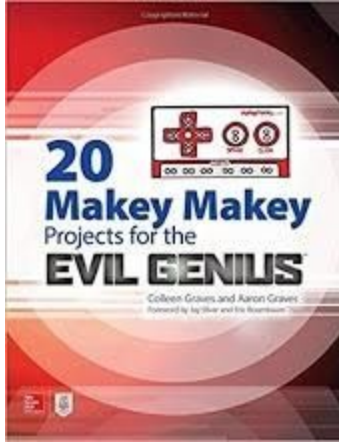
*NOTE: Jay Silver, CEO of Makey Makey, was a doctoral student of Mitch Resnick's.*



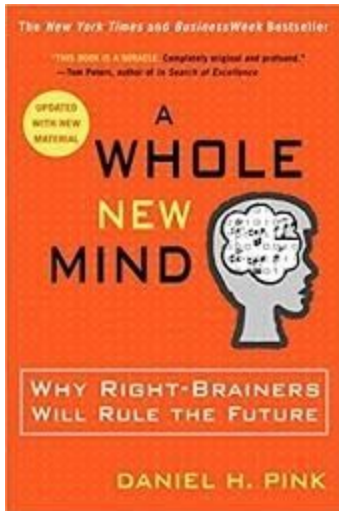
[Invent to Learn](#) - This is a must read book for all educators interested in teaching Invention Literacy, Design Thinking, and Making in the classroom or in afterschool. The authors are supporters of the Makey Makey. This website is filled with great [resources](#) for educators.



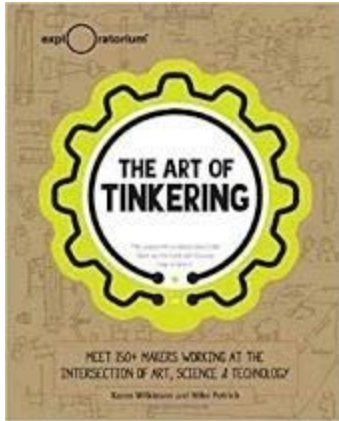
[Big Book of Makerspace Projects](#) - Colleen Graves is a "Makey Makey Jedi" and a school librarian obsessed with making stuff. Colleen has written an easy-to-follow guide full of hands-on, low-cost makerspace projects that will inspire inventors and makers of all ages. Features practical tips for beginners and open-ended challenges for advanced makers.



[20 Makey Makey Projects for the Evil Genius](#) - Written by Colleen Graves and Aaron Graves. 20 fun and inventive Makey Makey projects for Makers from beginner to expert. This hands-on guide is filled with DIY projects that show readers, step-by-step, how to start creating and making cool inventions with the Makey Makey invention kit. Each project features easy-to-follow, fully-illustrated instructions and detailed photographs of the finished gadget. Readers will see how to apply these skills and start building their own Makey Makey projects.



**A Whole New Mind** - Best selling book by Daniel H. Pink who says the future of global business belongs to the right-brainers.



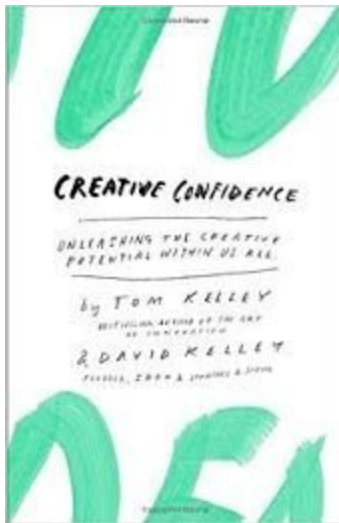
[The Art of Tinkering](#) - Brought to you by the [Exploratorium's Tinkering Studio](#), *The Art of Tinkering* is an unprecedented celebration of what it means to tinker: to take things apart, explore tools and materials, and build wondrous, wild art that's part science and part technology.



[Stop Stealing Dreams](#) - The economy has changed, probably forever. School hasn't. School was invented to create a constant stream of compliant factory workers to the growing businesses of the 1900s. It continues to do an excellent job at achieving this goal, but it's not a goal we need to achieve any longer. In this 30,000 word manifesto, best selling author Seth Godin imagines a different set of goals in hopes of starting a discussion about how we can reach them. **Free** downloadable PDF e-book.



[MAKE Magazine](#) - The magazine and website of the Maker Movement.



[Creative Confidence](#) - Too often, companies and individuals assume that creativity and innovation are the domain of the "creative types." But two of the leading experts in innovation, design, and creativity on the planet show us that each and every one of us is creative.

# TED Talks

"Hack a banana, make a keyboard!"

by [Jay Silver](#)

"Do Schools Kill Creativity?"

by [Sir Ken Robinson](#)

"Stop Stealing Dreams"

by [Seth Godin](#)

"How To Build Your Creative Confidence"

by [David Kelley](#)

"Your Elusive Creative Genius"

by [Elizabeth Gilbert](#)

Want to innovate? Become a "now-ist"

by [Joi Ito](#)

Hacking Everyday Objects Inspires Students to Explore Technology

by [Edutopia](#)

# Websites

[Makey Makey Labz](#) - The most amazing and comprehensive living archive of Makey Makey activities and lessons.

[Facebook Educators Group](#) - This is the official Makey Makey for Educators Facebook group! This is a place for members of the Makey Makey educator community to collaborate, share lessons, ask questions and connect with each other!

[Makey Makey e-newsletter](#) - Free newsletter for educators.

[Makey Makey Apps](#) - Go here to find web-based apps you can use with your Makey Makey.

[Makey Makey Course](#) - An entire online course for students developed by Sharon Marzouk at [TechyKids.com](#). Create your interactive game or experience with Scratch and the Makey Makey! Learn about user interaction design, Scratch programming, and all about the Makey Makey. By the end of this course you'll have created your own unique user interaction experience with both a physical invention and a programmed Scratch game.

[Makey Makey SCRATCH Games](#) - These are Makey Makey friendly games created by users in the SCRATCH community.

["Re-map" Your Makey Makey](#) - With a Makey Makey version 1.2, you can easily remap keys directly in your browser at this website: [www.makeymakey.com/remap](http://www.makeymakey.com/remap)

[EPICS](#) - The award winning program developed at Purdue University and now used worldwide to teach Engineering and Design Thinking through Service Learning projects. Originally developed to teach college undergraduate students but now used by middle and high school programs across the USA. EPICS = Engineering Projects in Community Service.

[K12 Fab Labs and Makerspace](#) - This is a web based community of educators from around the world who love the Maker Movement and want to share ideas and support each other. Free



[PBS Design Squad](#) - Introduction video on the Makey Makey. 2 min 30 seconds

[Squishy Circuits](#) - Squishy circuits are a project from the Playful Learning Lab at the University of St. Thomas. The goal of the project is to design tools and activities which allow kids of all ages to create circuits and explore electronics using play dough that you make yourself!

# Inspiration for Projects

[Labz](#) - The new and amazing website from Makey Makey where you'll find a growing number of project ideas and lesson plans.

[University of North Carolina - Greensboro: Self Design Studio](#)

[Colleen Graves](#)

[Hallway Symphony Project](#)

[TechyKids Makey Makey Projects](#)

[Physical Fitness Challenge](#)

[Pinterest Channel](#)