

## PAPER ELECTRONICS RESOURCES LIST

**NOTE:** Please feel free to add to this living document of resources!

And if you have questions, you can contact me at [info@chibitronics.com](mailto:info@chibitronics.com) :)

**CHIBITRONICS:** <http://chibitronics.com/>

Video tutorials: <http://chibitronics.com/learn/>

Lesson plans and template downloads: <https://chibitronics.com/teach/>

Craft tutorials: <https://chibitronics.com/craft-guide/>

Full Circuit Sticker Sketchbook download: <http://bunniefoo.com/chibi/sketchbook-en-v1.pdf>

Facebook: <https://www.facebook.com/circuitstickers/>

Twitter: <https://twitter.com/chibitronics>

Conductive patch tutorial: <http://chibitronics.com/conductive-fabric-circuit-patches/>

Soldering on paper tutorial: <http://chibitronics.com/how-to-solder/>

USB cable hack tutorial: <https://chibitronics.com/usb-power/>

### PRESENTATION SLIDES:

ISTE & SEPT (June 2016): [https://dl.dropboxusercontent.com/u/14193394/ISTE\\_2016.pdf](https://dl.dropboxusercontent.com/u/14193394/ISTE_2016.pdf)

### VIDEOS & PROJECT PAGES:

Electronic Pop-up Book: <http://technolojie.com/454/>

Self-folding paper: <http://technolojie.com/inputoutput-paper/>

Dandelion Painting: <http://technolojie.com/pu-gong-ying-tu-dandelion-painting/>

Heart blush card: <https://www.youtube.com/watch?v=HMI2UXk-As0>

Circuit Stickers intro: <https://vimeo.com/79645054>

Sample Sketchbook: <https://www.youtube.com/watch?v=6jUhnLCJ5z8>

### MATERIALS & TOOLS:

Coin cell batteries: <http://www.digikey.com/product-detail/en/CR2032/P189-ND/31939>

Conductive fabric: <https://www.sparkfun.com/products/10056>

Conductive double-sided adhesive: <https://www.adafruit.com/products/1656>

Soldering iron: <http://www.amazon.com/Weller-WLC100-40-Watt-Soldering-Station/dp/B000AS28UC/>

Lead-free solder: <http://www.amazon.com/DMiotech%C2%AE-0-8mm-Rosin-Soldering-Solder/dp/B015DM18KU/>

### **EDUCATOR RESOURCES:**

21st Century Notebooking Google Group: <https://plus.google.com/u/0/communities/106297899247135466221>

Nexmap Hack Your Notebook: <http://www.nexmap.org/21c-notebooking-io>

Exploratorium Paper Circuits: <http://tinkering.exploratorium.edu/paper-circuits>

Instructables Chibitronics tutorials: <http://www.instructables.com/howto/chibitronics/>

Bling the Book: Circuits on Paper: <http://blingthebook.blogspot.com/>

Paper Circuits Code resources: <http://jeanninehuffman.weebly.com/paper-circuit-resources.html>

### **RESEARCH PUBLICATIONS:**

Paper Electronics with Circuit Stickers

By Jie Qi, Jennifer Dick and David Cole

[https://dl.dropboxusercontent.com/u/14193394/Paper\\_electronics\\_makeology\\_final\\_references.pdf](https://dl.dropboxusercontent.com/u/14193394/Paper_electronics_makeology_final_references.pdf)

Sketching in Circuits: Designing and Building Electronics on Paper

By Jie Qi and Leah Buechley

[https://dl.dropboxusercontent.com/u/14193394/Circuit\\_sketchbook\\_Final\\_small.pdf](https://dl.dropboxusercontent.com/u/14193394/Circuit_sketchbook_Final_small.pdf)

Electronic Popables: Exploring Paper-Based Computing through an Interactive Pop-up Book

By Jie Qi and Leah Buechley

[https://dl.dropboxusercontent.com/u/14193394/electronic\\_popup.pdf](https://dl.dropboxusercontent.com/u/14193394/electronic_popup.pdf)

### **BOOKS:**

Art of Tinkering

by Karen Wilkinson and Mike Petrarch

<https://www.amazon.com/Art-Tinkering-Karen-Wilkinson/dp/1616286091/>

Make: Paper Inventions: Machines that Move, Drawings that Light Up, and Wearables and Structures You Can Cut, Fold, and Roll  
Paperback

by Kathy Ceceri

<https://www.amazon.com/Make-Inventions-Machines-Wearables-Structures/dp/1457187523/>

Big Book of Makerspace Projects: Inspiring Makers to Experiment, Create, and Learn

By Colleen Graves and Aaron Graves

<https://www.amazon.com/Big-Book-Makerspace-Projects-Experiment/dp/1259644251/>

Makeology: Makerspaces as Learning Environments (Volume 1)

Edited by Kylie Peppler, Erica Halverson, Yasmin B. Kafai

<https://www.amazon.com/Makeology-Makerspaces-Environments-Kylie-Peppler/dp/1138847771/>

**OTHER RESOURCES? PLEASE ADD!**

Makeology: Makers as Learners (Volume 2)

Edited by Kylie Peppler, Erica Rosenfeld Halverson, Yasmin B. Kafai

<https://www.amazon.com/Makeology-Makers-as-Learners-2/dp/113884781X/>

Invent to Learn

By Sylvia Martinez and Gary Stager

<https://www.amazon.com/Invent-Learn-Tinkering-Engineering-Classroom/dp/0989151107/>

Invent to Learn: Guide to Fun

By Josh Burkner and Sylvia Martinez

<https://www.amazon.com/Invent-Learn-Guide-Fun/dp/0989151182/>