



Summer Reading Program 2020

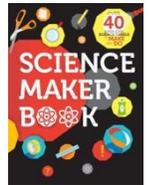
Week Six: July 20 – July 25

STEAM / Maker Booklist: Maker Projects & Computer Music

Books available at Michigan City Public Library:

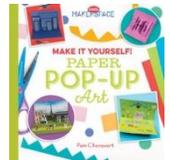
[Science Maker Book](#) by Rob Beattie. (J-Nonfiction, 507.8 B38S)

“This hands-on science book is full of fascinating scientific facts and over 40 fun, educational projects and activities to make and do.”



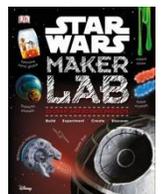
[Paper Pop-Up Art](#) by Pam Chenevert. (J-Nonfiction, 745.54 C42P)

“Kids will make pop-up cards, pop-up cityscapes, pop-up vacation scenes, and more. Each project has color photos and easy-to-follow instructions.”



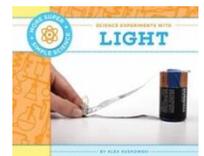
[Star Wars Maker Lab](#) by Liz Lee Heinecke. (J-Nonfiction, 745.5083 H364S)

“Offers young *Star Wars* fans projects and experiments inspired by the *Star Wars* universe, including instructions on making Jabba slime, Kyber crystals, and an Ewok catapult. The 20 projects are full of fun facts for kids, colorful diagrams, and easy-to-follow instructions that cover a range of topics that will enthrall and entertain. *Star Wars Maker Lab* is filled with science and science fiction for readers between ages 9-12.”



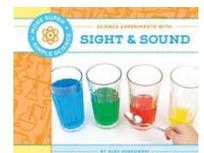
[Science Experiments with Light](#) by Alex Kuskowski. (J-Nonfiction, 535.078 K968S)

“This book features easy and fun Science Experiments with Light using household items. Young readers can assemble experiments at home from a Super Simple Spectrometer to Top Secret Glowing Lights. No laboratory needed! Each activity includes easy instructions with how-to photos, and short science explanations.”



[Science Experiments with Sight & Sound](#) by Alex Kuskowski. (J-Nonfiction, 530.078 K968S)

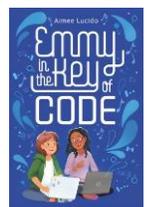
“This book features easy and fun Science Experiments with Sight & Sound using household items. Young readers can assemble experiments at home from a Recycled Plastic Panpipe to a Super Spinning Color Wheel. No laboratory needed! Each activity includes easy instructions with how-to photos, and short science explanations.”



[Emmy in the Key of Code](#) by Aimee Lucido. (J-Fiction)

“Sixth-grader Emmy tries to find her place in a new school and to figure out how she can create her own kind of music using a computer. Perfect for fans of the *Girls Who Code* series and *The Crossover*.”

“The book features a free-verse format that perfectly captures Emmy's seesawing emotions and allows for the seamless incorporation of lines of code that show how composing music and creating code follow similar patterns. Music, coding, strong female techie role models in this engaging first novel should attract a wide audience.” --Kathleen McBroom, 2010 *Booklist* © American Library Association.



[Books & Arts Interview: Pixelh8](#) from *New Scientist*, 3/14/2009, Vol. 201 Issue 2699, p.48.

(Database: [Science Reference Center](#). Log in with your library card number to access article.)

Abstract: “An interview with Matthew Applegate, an expert in the chiptune scene.

Applegate explains that chiptunes are about reprogramming old computers and using their sound chips to make new music.”

