



MCPL Summer Reading Program 2020

Week Two: June 22 – 27

STEAM / Maker Booklist: Circuits and Electricity

Books available at Michigan City Public Library:

[Electronics Projects for Beginners](#) by Tammy Enz. (J-Nonfiction, 621.381 EN97EL)

“Shock your imagination with a hands-on introduction to electronic circuits. Step-by-step instructions will jump-start your electronic knowledge. Plus, readers can watch video tutorials and access bonus content through the free Capstone 4D augmented reality app.”

[Bots and Circuits](#) by Kelly Coss. (J-Nonfiction, 629.892 C822B)

“Learn about makerspaces with Make It Yourself! Bots & Circuits! Young makers will discover what makerspaces are and how to hold maker events. Kids will create LED constellations, build robots, make flashlights, and more. Each project has color photos and easy-to-follow instructions.”

[Experiments with Electricity](#) by Susan Heinrichs Gray. (J-Nonfiction, 537.078 G794E)

“Why some materials hold electricity better than others; Experiments, a timeline, photos-and how electricity is created; Surprising True facts that will shock and amaze you!”

[Zombies and Electricity](#) by Mark Weakland. (J-Nonfiction, 537 W371Z)

“Learning about electricity doesn't have to be scary. Join zombies as they uncover the science of electricity and all of its uses. You'll give your knowledge of electricity a jolt with a monster dose of humor.”

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“Electricity.” In ***Children's Illustrated Encyclopedia*** (pp. 181-182). Retrieved from <https://link.gale.com/apps/doc/CX1796500126/GVRL?u=mich29308&sid=GVRL&xid=a27fdc1f>

“Electricity” by J. Ball. In ***Why Pi?*** (pp. 66-67). Retrieved from <https://link.gale.com/apps/doc/CX1779800033/GVRL?u=mich29308&sid=GVRL&xid=79ca3bef>

